

004170-004176-0061

Rpt. 4c

REC'D NEW YORK NOV 21 1961

27 DEC 1961

Recd Cert 5/3/62

[93133 attached]

12180

Date of writing report 14th November, 1961

Received London

Port Baltimore, Md.

No.

Survey held at Baltimore, Md.

No. of visits 6

First date 9th Oct. '61

Last date 17th Oct. '61

WRECK
SECTION

FIRST ENTRY REPORT ON AUXILIARY STEAM TURBINE OR STEAM RECIPROCATING ENGINES

WRECK
SECT

Name of Ship (S/S "NASSAU") N.W. "ACAPULCO"
(Or Contract No. if name unknown)

Owners Fairfield Shipbuilding & Engineering Co.
(Or Consignees)

Ship Built at Newcastle

by Armstrong Whitworth

when 1923

Yard No.

Auxiliary turbines or engines made at San Francisco

by Joshua Hendy Iron Works

when 10-1915

Eng. Nos. 10649

Total No. of sets and description Two - Joshua Hendy Iron Works Marine Steam Turbines 300 K.W.

STEAM TURBINES. No. of turbines per set 2 BHP per set 300 K.W. Steam pressure 220 lbs. Steam temperature 445°F.

Type of turbines Joshua Hendy Marine Steam Turbine, Impulse Type.

Particulars of gearing Joshua Hendy Marine Reduction Gearing, Single Reduction.

RPM of turbine shaft(s) 5241

PCD of pinion(s) 5.658"

PCD of wheels(s) 24.710"

Material of

pinion(s) O.H. Steel

Material of wheel rim(s) O.H. Steel

Has rotor been dynamically balanced? Yes

Diameter of rotor

shaft at bearings 2.490

Does the set Include a steam condenser? No

Is an emergency governor fitted? Yes

No. and purpose of

attached pumps Two - gear driven & hand operated Lube Oil Pumps.

Has the set been tested in the shop? No

If so, for how long at full

power? -

Was the governing tested and found satisfactory? No

Was the set tested with driven machinery attached? No

Identification marks

Particulars of driven machinery General Electric

Marine A.C. Generator Type ATL

STEAM RECIPROCATING ENGINES. BHP of each at RPM Steam pressure 172

Dia. of cylinders Stroke Dia. of crankshaft journals

Pins

Material of

crankshaft

Is crankcase enclosed?

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

No. and total area of crankcase

explosion relief devices fitted?

Are the bearings forced lubricated?

No. and Purpose of attached pumps

Is a Governor Fitted?

Identification Marks

Particulars of Driven Machinery

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 Certificates attached?

The foregoing description is correct.

Manufacturer

Is this machinery duplicate of a previous case? If so, which?

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

See attached Rpt. 10. - SR 834 and SR 835

Survey Fee (See Reports SR 834 & 835)

Expenses

Date when a/c rendered

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 at in a proper manner and found satisfactory when tested on the (date) under full working conditions.

004170-004171