

004170-004176-0061

Recd Certs 5/3/62

Rpt. 4c

REC'D NEW YORK NOV 21 1961

27. DEC. 1961

93133 attached

Date of writing report 14th November, 1961

Received London

Port Baltimore, Md.

No.

12180

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.N. "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. 10649

Auxiliary turbines or engines made at San Francisco by Joshua Hendy Iron Works when 10-1915 Eng. Nos. 10650

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 2.190 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 Marine A.C. Generator Type ATL. Particulars of driven machinery General Electric

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

D.H. McKenzi
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.

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