

Rpt. 4c

16910.

Date of writing report 29-4-58.

Received London

Port Copenhagen

No.

Survey held at Copenhagen

No. of visits

4

First date 30-12-57

Last date 11-4-58.

FIRST ENTRY REPORT ON AUXILIARY STEAM TURBINE OR STEAM RECIPROCATING ENGINES

Name of Ship m. t. "ANNAM"
(Or Contract No. if name unknown)

Owners A/S Det Østasiatiske Kompagni
(Or Consignees)

Ship Built at Nakskov by A/S Nakskov Skibsværft when 1958 Yard No. 150

Auxiliary turbines or engines made at Copenhagen by A/S Atlas when 1958 Eng. Nos. 332

Total No. of sets and description 1 set turbogenerator

STEAM TURBINES. No. of turbines per set 1 KW 350 KVA
~~BHP~~ per set 280 Steam pressure 12 ata. Steam temperature 2% moisture

Type of turbines single stage impulse

Particulars of gearing double helical gear

RPM of turbine shaft(s) 8000 PCD of pinion(s) 118.444 mm PCD of wheel(s) 531.556 mm Material of

pinion(s) SM steel Material of wheel rim(s) SM steel Has rotor been dynamically balanced? yes Diameter of rotor

shaft at bearings 100 mm Does the set include a steam condenser? no Is an emergency governor fitted? yes No. and purpose of

attached pumps 1 off lub. oil pump Has the set been tested in the shop? yes If so, for how long at full

power? 4 hours Was the governing tested and found satisfactory? yes Was the set tested with driven machinery attached? yes

Identification marks Lloyd's Test CPN 11-4-58 VHL Particulars of driven machinery 1 off 350 KVA AC

Syncro Generator

STEAM RECIPROCATING ENGINES. BHP of each at RPM Steam pressure

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 Copenhagen dated 5-4-58.

For generators under 100 Kw., has Makers' Certificate been obtained? yes Are Certificates attached? yes

The foregoing description is correct.

3-5-58.

I. TURBINE AFDELINGEN

Ernst Brügge-Müller

Ernst Brügge-Müller

Manufacturer

Is this machinery duplicate of a previous case? no 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 letters. State quality of materials and workmanship. Where existing machinery is submitted for classification the circumstances should be explained as fully as possible.

The above turbogenerator has been constructed under Special Survey in accordance with the Rules, the approved plans, and the Secretary's letters.

The materials have been tested in accordance with the Rules and the workmanship is good.

Survey Fee Kr. 275.00

Expenses Kr. 15.00

Date when a/c rendered

29 APR. 1958

ENTERED IN COPENHAGEN ROUGH FEE BOOK ON THE

29/4 1958

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 Yard No. 150 at A/S Nakskov Skibsværft in a proper manner and found satisfactory when tested on the (date) 23/10-58 under full working conditions.