

25 OCT 1957

4c

No. 373 writing report 1/10-1957.

Received London

Port GOTHENBURG.

No. 23606.

14/1 1958 held at JÖNKÖPING.

No. of visits 3.

First date 2/7-1957.

Last date 25/9-1957.

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

Name of Ship.....  
 Contract No. if name unknown..... Owners Rederi A.-B. Clipper  
 (Or Consignees)  
 Built at Malmö..... by Kockums Mek. Verkstads A.-B. when..... Yard No. 394.  
 Auxiliary turbines made at Jönköping..... by A.-B. Jönköpings Mek. Verkstad when 1957 Eng. Nos. 595  
 No. of sets and description ONE steam turbine of Jönköpings Mek. Verkstad's type MK 2 R 500.

STEAM TURBINES. No. of turbines per set One. BHP per set 350 Steam pressure 160 lbs/sq" Steam temperature 180° C.  
 Description of turbines One steam turbine consisting of two Curtis wheels.  
 Particulars of gearing One single reduction gear.  
 Diameter of turbine shaft(s) 5214 PCD of pinion(s) --- PCD of wheels(s) --- Material of  
 Pinion(s) --- Material of wheel rim(s) --- Has rotor been dynamically balanced? Yes. Diameter of rotor  
 at bearings 55 mm. Does the set include a steam condenser? No. Is an emergency governor fitted? Yes. No. and purpose of  
 Attached pumps One lubr. oil pump Has the set been tested in the shop? Yes. If so, for how long at full  
 speed? 6 hours. Was the governing tested and found satisfactory? Yes. Was the set tested with driven machinery attached? Yes.  
 Identification marks On shaft: LLOYD'S GOT 3622 Particulars of driven machinery One 290 KVA AC generator.  
 BJG. 25.9.57.

98  
11/12/57

STEAM RECIPROCATING ENGINES. BHP of each..... at..... RPM Steam pressure.....  
 No. 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.....  
 generators under 100 Kw., has Makers' Certificate been obtained?..... Are Certificates attached? No.

The foregoing description is correct.

Jönköpings Mekaniska Verkstads Aktieföretag  
 Bertil Junger  
 gm Bertil Junger  
 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 the quality of materials and workmanship. Where existing machinery is submitted for classification the circumstances should be explained as fully as possible.  
 This turbine has been built under Special Survey as per Rules.  
 The material used and workmanship are good.  
 Certificates in respect of shaft, turbine wheels ~~XXXXXXXXXXXX~~ are attached.  
 The gear box has been made by A.-B. ASEA, Västerås and the pinion was found marked: LLOYD'S SKM.  
 No. 4878 IL. 19.3.57. Certificates and particulars regarding this gear box will be forwarded as soon as  
 they are received in this office.

After completion of shop trial the turbine and gear box were opened up and examined and found in order.  
 Survey Fee. Kr. 250:-  
 Expenses Kr. 40:-  
 Date when a/c rendered 22/10-1957.  
 B. G. Johansson  
 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.....  
 in a proper manner and found satisfactory when tested on the (date)..... under full working  
 conditions.

6268

