

Rpt. 4c

Date of writing report 23rd January, 1958.

Received London

Port M A L M Ö

No. 3734

Survey held at M A L M Ö

No. of visits 4

First date 17/12 1957

Last date 14/1 1958

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

Name of Ship M/T "SOUTHERN CLIPPER"  
(Or Contract No. if name unknown)

Owners Rederi AB Clipper  
(Or Consignees)

Ship Built at Malmö by Kockums Mek. Verkstads AB when 1.58 Yard No. 394

Auxiliary turbines ~~or engines~~ made at Jönköping by AB Jönköpings Mek. Verksstad when 1957 Eng. Nos. 595

Total No. of sets and description One Steam Turbine of J.M.V'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°

Type of turbines

Particulars of gearing

RPM of turbine shaft(s) PCD of pinion(s) PCD of wheels(s) Material

pinion(s) Material of wheel rim(s) Has rotor been dynamically balanced? Diameter of 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 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 at RPM Steam pressure

Dia. of cylinders Stroke Dia. of crankshaft journals Pins Material

crankshaft Is crankcase enclosed? If so, is the internal volume 20 cu. ft. or over? No. and total area of crank

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~~ <sup>KVA</sup> and over Copenhagen, dated 7.2.57.

For generators under 100 ~~Kw~~ <sup>KVA</sup>, has Makers' Certificate been obtained? Are Certificates attached? Yes

The foregoing description is correct.

Signed Kockums Mek. Verks tads AB  
G. Kaudern

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 letter. State quality of materials and workmanship. Where existing machinery is submitted for classification the circumstances should be explained as fully as possible.

Photostat copy of Gothenburg Report No. 23606 attached herewith.

Survey Fee

Expenses

Date when a/c rendered

*L. J. Jönsson*  
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 M/T "SOUTHERN CLIPPER" at Malmö in a proper manner and found satisfactory when tested on the (date) 13/1 1958 under full working conditions.