

Rpt. 4c

24 MAR 1958

Date of writing report 13th March, 1958 Received London Port Gothenburg No. 23962. Survey held at Gothenburg No. of visits 7 First date 19/12 1957 Last date 11/3 1958

FIRST ENTRY REPORT ON AUXILIARY STEAM TURBINE OR STEAM RECIPROCATING ENGINES

Name of Ship "MELINE" Owners A/S Tanktransport (Or Contract No. if name unknown) (Or Consignees) Ship Built at Gothenburg by A-B. Götaverken when 1958 Yard No. 716 Auxiliary turbines or engines made at Stockholm by A-B. De Laval's Ångturbin when 1957 Eng. Nos. 44327/9 Total No. of sets and description 2 impulse turbines, each driving an electric generator through double-helical single reduction gearing

STEAM TURBINES. No. of turbines per set BHP per set Steam pressure Steam temperature Type of turbines Particulars of gearing RPM of turbine shaft(s) PCD of pinion(s) PCD of wheels(s) Material of pinion(s) Material of wheel rim(s) Has rotor been dynamically balanced? Diameter of rotor shaft at bearings Does the set include 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 full power? See Stockholm First Entry Report No. 11308 and 11309 dated 29th November, 1957 Identification marks to each turbine Particulars of driven machinery 1 - 565 KVA AC 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 Stockholm No. 16479 For generators under 100 Kw., has Makers' Certificate been obtained? Are Certificates attached? Yes

The foregoing description is correct.

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.

These auxiliary steam turbines have been built under Special Survey as per Stockholm First Entry Reports Nos. 11308 and 11309, copies of which are attached.

They have been securely fitted on board under my inspection and to my satisfaction, tried under full working power and found satisfactory.

Survey Fee

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 Steam Turbine Tanker "MELINE" at Gothenburg in a proper manner and found satisfactory when tested on the (date) 20/2. 1958 under full working conditions.

Engineer Surveyor to Lloyd's Register

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