

Rpt. 4c

Date of writing report 18/10-60.

Received London

Port Gothenburg

No. 26224.

Survey held at Uddevalla

No. of visits 17

First date 11.2.60.

Last date 1.10.60.

FIRST ENTRY REPORT ON AUXILIARY STEAM TURBINE OR STEAM
RECIPROCATING ENGINESName of Ship s/s GEORGE L. PARKHURST
(Or Contract No. if name unknown)Owners California Shipping Corporation
(Or Consignees)

Ship Built at Uddevalla

by Sörviksvarvet AB

when 1960

Yard No. 202

Auxiliary turbines or engines made at Trenton

by De Laval Steam Turb. Co.

when 1959

Eng. Nos. 652033/4

Total No. of sets and description 2 - 750 KW A.C. Turbo generators

STEAM TURBINES. No. of turbines per set 1 BHP per set 1048 Steam pressure 585 PSI Steam temperature 865°F

Type of turbines Impulse turbine

Particulars of gearing Helical 9283/1200 RPM.

RPM of turbine shaft(s)

PCD of pinion(s)

PCD of wheel(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 a steam condenser? Yes

Is an emergency governor fitted? Yes

No. and purpose of

attached pumps 1-oil pump

Has the set been tested in the shop? -

If so, for how long at full

power? -

Was the governing tested and found satisfactory? Yes

Was the set tested with driven machinery attached? Yes

Identification marks

Particulars of driven machinery

One 750 KW AC generator to each turbine

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 NYK Surv. cert. attached

For generators under 100 Kw., has Makers' Certificate been obtained? -

Are Certificates attached? -

The foregoing description is correct.

UDDEVALLAVARVET
AKTIEBOLAG

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

These turbines have been built under Special Survey in accordance with the Rules and approved plans as per NYK report No. 11143 attached.

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 s/s "George L. Parkhurst" at Uddevalla in a proper manner and found satisfactory when tested on the (date) 15/8-60 under full working conditions.