

Rpt. 4c

PLEASE RETURN THIS REPORT
WITH YOUR FIRST ENTRY.

Date of writing report April 28, 1961

Received London

Port PHILADELPHIA, PA.

No. 1112 MAY 1961

Survey held at Trenton, N.J.

No. of visits Ten

First date Dec. 6, 1960

Last date April 24, 1961

FIRST ENTRY REPORT ON AUXILIARY STEAM TURBINE OR STEAM
RECIPROCATING ENGINESName of Ship Hull 204
(Or Contract No. if name unknown)Owners California Transport Corporation
(Or Consignees)

Ship Built at Uddevalla

by Sorviksvarvet Aktiebolag

when 1962

Yard No. 204

Auxiliary turbines ~~engines~~ made at Trenton, N.J.

by De Laval Steam Turbine Co.

when 1961

Eng. Nos. 652035-6

Total No. of sets and description 2 - 750 KW A.C. Generator Turbines

STEAM TURBINES. No. of turbines per set 1 BHP per set 1,005 Steam pressure 585 psig Steam temperature 865°

Type of turbines Multi-Stage (8 rows blading)

Particulars of gearing Parallel axis - Single reduction

RPM of turbine shaft(s) 9283 - PCD of pinion(s) 4.889" PCD of wheels(s) 37.817" Material of pinion(s) Steel 1A Material of wheel rim(s) Steel EB-2

shaft at bearings 4.494" Does the set Include a steam condenser? No Has rotor been dynamically balanced? Yes Diameter of rotor

attached pumps 1 - Gov. & Lube Oil, 1 hand pump for starting Has the set been tested in the shop? Yes No. and purpose of power? Approx. 1 hr. Was the governing tested and found satisfactory? Yes Was the set tested with driven machinery attached? Yes

Identification marks LLOYDS PHL 9060 & 9061 20.4.61 D.J.A. Particulars of driven machinery G.E. 750 KW AC Generator

3 Phase 60 Cycle 450 Volt 1200 RPM

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. 2508, 2509 9 MAR 61 JMCG

For generators under 100 Kw., has Makers' Certificate been obtained? Are Certificates attached? No YES

The foregoing description is correct.

H. G. Bauer, Executive Vice President
DE LAVAL STEAM TURBINE COMPANY Manufacturer

Is this machinery duplicate of a previous case? YES If so, which? Eng. Nos. 652033/4 - Hull 202

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 generator turbines have been constructed under special survey in accordance with the Rules, approved plans and New York letters.

The materials and workmanship are good.

The turbines have been examined and tested under working conditions in the shop coupled to their respective 750 K.W. alternators, afterwards fully opened out, examined and found satisfactory.

Survey Fee \$514.00

Expenses 33.00

Date when a/c rendered April 28, 1961

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 ASD V. CALL at UDDEVALLA in a proper manner and found satisfactory when tested on the (date) 19/2/62 under full working conditions.

Lloyd's Register
Foundation

011259-011266-0190

No

Last date

Senior Surveyor to Lloyd's Register