

Rpt. 13

No. 27564.

REPORT ON ELECTRICAL EQUIPMENT

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Date of writing Report 13.4 19 62. When handed in at Local Office 19/4 19 62 Received at London Office

Port of Gothenburg.

No. in Survey held at Uddevalla. Date, First Survey 16.8.61. Last Survey 6.4 19 62.

Reg. Book

(No. of Visits 44.)

1/40152 on the S/S "ASA V. CALL"

Tons { Gross 38471.
Net 26636

Built at Uddevalla. By whom built Uddevallavarvet A/B. Yard No. 204. When built 1962.

Owners California Shipping Co. Port belonging to Monrovia.

Installation fitted by Messrs. Andersson & Callenberg. When fitted 1962.

Is vessel equipped for carrying Petroleum in bulk Yes. Is vessel equipped with D.F. Yes. E.S.D. Yes. Gy.C. Yes. Sub.Sig. No. Radar. Yes.

Plans, have they been submitted and approved Yes. System of Distribution Three phase - three wire voltage of Lighting 120.

Heating 220 and 120 Power 450 D.C. or A.C. Lighting A.C. Power A.C. If A.C. state frequency 60^c/s.

Prime Movers, has the governing been found as per Rule when full load is thrown on and off Yes. Are turbine emergency governors fitted with a trip switch. Generators, are they compound wound, and level compounded under working conditions.

Are the generators arranged to run in parallel Yes. Is the compound winding connected to the negative or positive pole.

Have machines 100 kw. and over been inspected by the Surveyors during manufacture and testing Yes. Have certificates of test for machines under 100 kw. been supplied and the results found as per Rule Yes. Position of Generators 2 off turbo alternators at

E.R. lower platform deck starboard side. - 1 off H.O.E. driven alternator in generator room on boat deck, aft.

is the ventilation in way of generators satisfactory Yes. are they clear of inflammable material and protected from mechanical injury and damage from water, steam and oil Yes. Switchboards, where are main switchboards placed E.R. lower platform deck

starboard side and generator room boat deck, aft.

are they in accessible positions, free from inflammable gases and acid fumes and protected from mechanical injury and damage from water, steam and oil Yes, what insulation is used for the panels Dead front switchboards, fittings mounted on insulated bases, if of synthetic insulating

material is it an Approved Type, if of semi-insulating material (slate or marble) are all conducting parts insulated therefrom as per Rule. Is the construction as per Rule, including locking of screws and nuts Yes. Description of Main Switchgear

for each generator and arrangement of equaliser switches 3-pole circuit breaker with overload and reverse power tripping

and the switch and fuse gear (or circuit breakers) for each outgoing circuit 3-pole switches with one fuse in each pole.

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule Yes. Instruments on main switchboard 4 ammeters 3 voltmeters 1 synchronising devices. For compound machines in parallel are the ammeters and reverse current

protection devices connected on the pole opposite to the equaliser connection. Earth Testing, state means provided Lamps

Preference Tripping, state if provided No, and tested.

Switches, Circuit Breakers and Fuses, are they as per Rule Yes, are the fuses an Approved Type Yes

Stotz; Merlin Gerin; make of fuses and Necs, are all fuses labelled Yes. If circuit breakers are provided for the generators, at what

overload do they operate 166.6% and 60-120 seconds, and at what current do the reverse current protective

devices operate 20-25 KW and 15 seconds. Cables, are they insulated and protected as per Rule. ---

if otherwise than as per Rule are they of an Approved Type Yes, state maximum fall of pressure between bus bars and any point

under maximum load < 6% volts. Are all paper insulated and varnished cambric insulated cables sealed at the ends Yes.

Are all the cable runs in accessible positions not exposed to drip or accumulation of water or oil, high temperatures or risk of mechanical

damage Yes, are any cables laid under machines or floorplates Yes, if so, are they adequately protected Yes. State

type of cables (if in conduit this should also be stated) in machinery spaces V.C, L.C. and B.B., galleys V.C, L.C and B.B.

and laundries R, L.C. and B.B. State how the cables are supported or protected All power cables V.C, L.C. and B.B.

clipped to surface plate or tray in machinery spaces and deck; Lighting cables R, L.C. and B.B. or S.B.

clipped to surface or wood grounds in accomodations, also drawn in conduits behind panels.

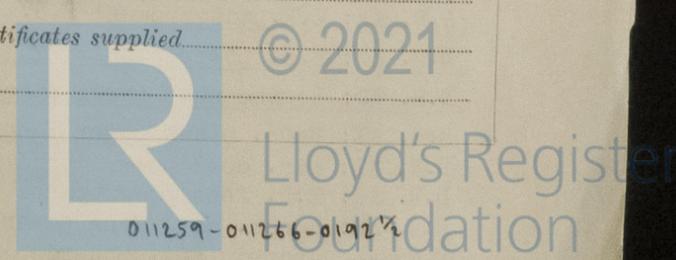
Are all lead sheaths, armouring and conduits effectually bonded and earthed Yes. Are all cables passing through decks and watertight

bulkheads provided with deck tubes or watertight glands Yes, where unarmoured cables pass through beams, etc., are the holes

effectively bushed Yes. Refrigerated chambers, are the cables and fittings as per Rule Yes.

Have refrigeration fan motors been constructed under survey and test certificates supplied

Are the motors accessible for maintenance at all times



The Electrical Equipment is installed in accordance with the approved plans and the requirements of the Rules.

All Insulated Conductors are guaranteed to have been tested at the maker's works as specified in the Rules.

The foregoing is a correct description.

Karl Olander **Uddevallavarvet Aktiebolag** *Frankt Womberg* Electrical Contractors. Date 16.4.62

COMPASSES

Have the compasses been adjusted under working conditions... Yes.

Uddevallavarvet Aktiebolag
Frankt Womberg Builder's Signature. Date

Have the foregoing descriptions and schedules been verified and found correct... Yes.

Is this installation a duplicate of a previous case... Yes. If so, state name of vessel S/S "George L. Parkhurst" N.Y.K. 4.12.58.

Plans. Are approved plans forwarded herewith... No. If not, state date of approval Got. 29.2, 15.6 and 13.7 - 1960.

Certificates. Are certificates of test for motors engaged on essential sea services and generators forwarded herewith.

General Remarks. (State quality of workmanship and materials, opinions as to class, etc.) The above described el. equipment installation has been fitted in the vessel in accordance with Rules, approved plans and instructions and has been tested with satisfactory results.

The workmanship is good.

Lloyd's and Makers certificates in respect of generators and motors are attached when available. (Note: Makers certificate of motors for essential service, where missing, will be sent over when received from U.S.A.)

This el. equipment installation is, in my opinion, suitable for a Classed vessel.

Total Capacity of Generators... 1600 Kilowatts.

The amount of Fee ... Kr. ... £ 4010:-- : When applied for, 19/4 19 62

Travelling Expenses (if any) £ :-- :-- : When received, 19 --

Frankt Womberg
Surveyor to Lloyd's Register of Shipping

FRIDAY 25 MAY 1962

Committee's Minute

Assigned *See Rpt 1*

F. W. M.
26.4.62.

5m. 3.58—Transfer. (MADE AND PRINTED IN ENGLAND) (The Surveyors are requested not to write on or below the space for Committee Minute.)



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