

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Date of writing Report **30.5.52** 19... When handed in at Local Office... 19... Received at London Office... **14 JUN 1952**

Port of **Sunderland**
Survey held at **Sunderland** Date, First Survey **25. 2.52** Last Survey **29.5.52** 19...
Book. (No. of Visits **17**)

105 on the **m.v. " CALTEX TANGANYIKA "** Tons { Gross **8525**
Net **4809**

built at **Sunderland** By whom built **Wm. Doxford & Sons Ltd** Yard No. **787** When built **1952**
owners **Overseas Tankship (U.K) Ltd.** Port belonging to **London**

Installation fitted by **Campbell & Isherwood Ltd.** When fitted **1952**

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 **2-wire ins.** Voltage of Lighting **110**

Generating **-** Power **110** D.C. or A.C., Lighting **D.C.** Power **D.C.** If A.C. state frequency **-**

Time 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 **yes**, and level compounded under working conditions **yes**

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

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 **Nos. 1. & 2. Engine Room**

floor level, Port side: No. 3, on raised deck Port side, over Nos. 1. & 2.

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 **Engine Room on raised**

platform athwartships, fwd of main engine.

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 **Black matt. "Interohm"**, if of synthetic insulating **-**

Material is it an Approved Type **yes**, 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 **a triple-pole (one pole for equaliser) air-break**

circuit breaker fitted with O/L & R/V current tripping devices.

Are the switch and fuse gear (or circuit breakers) for each outgoing circuit **for large power:- a D.P. air-break circuit**

breaker with O/L trips on each pole. For other circuits;- a D.P. quick-break knife switch

and D.P. fuses.

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule **yes** Instruments on main switchboard **3**

Ammeters **3** voltmeters **-** synchronising devices. For compound machines in parallel are the ammeters and reverse current **-**

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

Make of fuses **'Artic'**, are all fuses labelled **yes** If circuit breakers are provided for the generators, at what **-**

load do they operate **10%**, and at what current do the reverse current protective **-**

devices operate **within 15 %** Cables, are they insulated and protected as per Rule **yes**

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

under maximum load **within 6** volts. Are all paper insulated and varnished cambric insulated cables secured 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 **no**, if so, are they adequately protected **-** State **-**

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

and laundries **-** State how the cables are supported or protected **main feeders and cables along**

fore and aft gangways V.C.L.C.A.B. clipped to solid metal troughing on underside of gangway.

Accommodation: **L.C.B. cables clipped to the surface and protected where necessary by wood**

or metal guards.

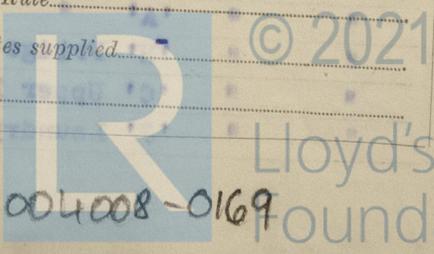
Are all lead sheaths, armouring and conduits effectually bonded to earth **yes** Are all cables passing through decks and watertight **-**

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**

Are refrigeration fan motors been constructed under survey **none fitted** and test certificates supplied **-**

Are the motors accessible for maintenance at all times **-**



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