

# REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

30 MAY 1939

Date of writing Report... 13<sup>th</sup> - 5 - 1939

When handed in at Local Office.....

19.....

Port of Rotterdam

Received at London Office.....

No. in Survey held at Heusden

Reg. Book.

Date, First Survey... 10-2-39Last Survey... 16-5-1939

(Number of Visits.....)

on the m.v. "KYLE FISHER"

Tons

Gross 608.32Net 366.03Built at HeusdenBy whom built De Haan & OerlemansYard No. 205When built 1938-39Owners James Fisher & Sons, Ltd.

Port belonging to

BarrowElectrical Installation fitted by C. Alewynse & Co.

Contract No.

When fitted 1939Is vessel fitted for carrying Petroleum in bulk no Is vessel equipped with D.F. no E.S.D. no Gy.C. no Sub.Sig. noHave plans been submitted and approved yes System of Distribution two conductor insulated Voltage of supply for Lighting 220Heating ✓ Power 220 Direct or Alternating Current, Lighting D.C. Power D.C. If Alternating Current state frequency ✓ Prime Movers,has the governing been tested and found efficient when the whole load is suddenly thrown on and off yes Are turbine emergency governors fitted with atrip switch as per Rule ✓ Generators, are they compound wound yes, are they level compounded under working conditions yes,if not compound wound state distance between generators ✓ and from switchboard ✓ Where more than one generator is fitted are theyarranged to run in parallel yes, are shunt field regulators provided yes Is the compound winding connected to the negative or positive polepositive pole Have machines over 100 kw. been inspected by the Surveyors during manufacture and testing ✓ Have certificates oftest for machines under 100 kw. been supplied yes and the results found as per rule yes Are the lubricating arrangements and the constructionof the generators as per rule yes Position of Generators in engineroom on portside & starboard side ofmain engine, is the ventilation in way of generators satisfactory yes are they clear of inflammable material yes, if situatednear unprotected combustible material state distance from same horizontally ✓ and vertically ✓, are the generators protected from mechanicalinjury and damage from water, steam and oil yes, are the bedplates and frames earthed yes and the prime movers and generators in metalliccontact yes Switchboards, where are main switchboards placed in engineroom, portsideare they in accessible positions, free from inflammable gases and acid fumes yes, are they protected from mechanical injury and damage from water, steamand oil yes, if situated near unprotected combustible material state distance from same horizontally ✓ and vertically ✓, what insulationmaterial is used for the panels only small panels of synthetic material, if of synthetic insulating material is it an Approved Type yes, if ofsemi-insulating material (slate or marble) are all conducting parts insulated therefrom as per Rule ✓ Is the frame effectually earthed yesIs the construction as per Rule yes, including accessibility of parts yes, absence of fuses on the back of the board yes, individual fusesto pilot and earth lamps, voltmeters, etc., yes locking of screws and nuts yes, labelling of apparatus and fuses yes, fuses on the "dead"side of switches yes Description of Main Switchgear for each generator and arrangement of equaliser switches a triple pole contac-tor with reversed current tripping & double pole fusesand for each outgoing circuit a double pole rotary switch & double pole fusesAre compartments containing switchboards composed of fire-resisting material or lined as per Rule yes Instruments on main switchboard 3ammeters 3 voltmeters ✓ synchronising devices. For compound machines in parallel is the ammeter connected on the pole opposite to theequaliser connection yes Earth Testing, state means provided one pair of earth fault indicating lamps



DESCRIPTION OF GENERATOR.	No. of	RATED AT				DRIVEN BY	WHERE DRIVEN BY AN INTERNAL COMBUSTION ENGINE.	
		Kilowatts.	Volts.	Ampères.	Revs. per Min.		Fuel Used.	Flash Point of Fuel.
MAIN ... ..	2	8	220	36.5	1100	oil engine	diesel oil	above 150°F.
EMERGENCY ...								
ROTARY TRANSFORMER								

[illegible]



2m,10,38,—Transfer.