

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Date of writing Report 6. 5. 19 53 When handed in at Local Office 4 - JUN 1953 Received at London Office Port of HULL.

No. in Survey held at GOOLE. Date, First Survey 29 10 52 Last Survey 19 5 53
Beg. Book. (No. of Visits 14)

96153 on the Motor Trawler "NORDELITE" Tons { Gross 219
Net 116

Built at Goole. By whom built Goole S.B. & Rep.Co.Ld. Yard No. 486 When built 1953

Owners St. Andrew's Stm. Fishing Co. Ltd. Port belonging to Hull.

Installation fitted by Humber Electrical & Engineering Co. Ltd. When fitted 1953

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

Plans, have they been submitted and approved Yes System of Distribution two wire Voltage of Lighting 110

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

Prime Movers, has the governing been found as per Rule when full load is thrown on and off - 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 No 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 - Have certificates of test for machines

under 100 kw. been supplied and the results found as per Rule Yes Position of Generators Engine Room starbd. side
and forward of Main Engine.

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 starbd. side
and forward.

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 "SINDANYO" 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 Double pole circuit breaker with O.L. and no volt
release for No.1, Double pole, double throw quick break knife switch and double pole
fuses for No.2.

and the switch and fuse gear (or circuit breakers) for each outgoing circuit Double pole, double throw quick break
knife switches and double pole fuses.

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule Yes Instruments on main switchboard three
ammeters three 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 - Earth Testing, state means provided Lamps
coupled to earth via switches & fuses. Preference Tripping, state if provided - and tested -

Switches, Circuit Breakers and Fuses, are they as per Rule Yes, are the fuses an Approved Type Yes
make of fuses Arctic, are all fuses labelled Yes If circuit breakers are provided for the generators, at what

overload do they operate 30% and at what current do the reverse current protective
devices operate - Cables, are they insulated and protected as per Rule Yes

if 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 3 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 No, if so, are they adequately protected - State

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

and laundries - State how the cables are supported or protected In Machinery spaces and exposed
positions clipped to steel tray plates or direct to steelwork, in accommodation L.C. clipped
to wood battens or direct to woodwork.

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

Are the motors accessible for maintenance at all times -



