

Cables: Single, twin, concentric, or multicore single are the cables insulated and protected as per Tables IV or V of the Rules yes

Fall of Pressure, state maximum between bus bars and any point of the installation under maximum load 3 volts

Cable Sockets and other connections, are the ends of all cables having a sectional area of 0.04 square inch and above provided with soldering sockets yes

Paper Insulated Cables, If cables are paper covered, is the dielectric at the exposed ends of the conductor protected from moisture by being suitably sealed with insulating compound ✓

Cable Runs, are the cables fixed as far as possible in accessible positions not exposed to drip or accumulation of water or oil, or to high temperature from boilers, steam pipes, uptakes or other hot objects, or to avoidable risk of mechanical damage yes

Support and Protection of Cables, state how the cables are supported and protected In cabins lead covered in all other places lead covered and armoured. The cables on deck laid in iron tubes in engine room armoured and secured by iron clips.

If cables are run in wood casings, are the casings and caps secured by screws —, are the cap screws of brass —, are the cables run in separate grooves —. If armoured and lead covered cables are secured by metal clips, are the clips spaced as per Table VIII yes

Refrigerated Chambers, if lights are fitted, are the cables and fittings in accordance with the special requirements yes

Joints in Cables, state if any, and how made, insulated, and protected No joints

Watertight Glands and Deck Tubes, are all cables passing through decks and watertight bulkheads provided with deck tubes or watertight glands yes

Bushes in Beams and Non-watertight Partitions, where unarmoured cables pass through beams and non-watertight partitions, are the holes efficiently bushed yes state the material of which the bushes are made lead or hard wood

Earthing Connections, state what earthing connections are fitted and their respective sectional areas ✓

are their connections made as per Rule ✓

Alternative Lighting, are the groups of lights in the propelling machinery space arranged as per Rule yes

Emergency Supply, state position and method of control of the emergency supply and how the generator is driven ✓

Navigation Lamps, are these separately wired yes, controlled by separate switch and separate fuses yes, are the fuses double pole yes, are the switches and fuses grouped in a position accessible only to the officers on watch yes, has each navigation lamp an automatic indicator as per Rule yes

Secondary Batteries, are they constructed and fitted as per Rule ✓

Fittings, are all fittings on weather decks, in stokeholds and engine rooms and wherever exposed to drip or condensed moisture, watertight yes, are any fittings placed in spaces in which goods are liable to be stacked in close proximity to them; if so, how are they protected ✓, are any fittings placed in spaces where inflammable or explosive dust or gases are liable to be present, if so, how are they protected ✓, how are the cables led ✓, where are the controlling switches situated ✓

Searchlight Lamps, No. of ✓, whether fixed or portable ✓, are their fittings as per Rule ✓

Arc Lamps, other than searchlight lamps, No. of ✓, are their live parts insulated from the frame or case ✓, are their fittings as per Rule ✓

Motors, are their working parts readily accessible yes, are the coils self-contained and readily removable for replacement yes, are the brushes, brush holders, terminals and lubricating arrangements as per Rule yes, are the motors placed in well-ventilated compartments in which inflammable gases cannot accumulate and clear of all inflammable material yes, are they protected from mechanical injury and damage from water, steam or oil yes, are their axes of rotation fore and aft No, if situated near unprotected woodwork or other combustible material, are the motors of the totally enclosed, pipe ventilated, forced draught, drip or flame proof type ✓, if not of this type, state distance of the combustible material horizontally or vertically above the motors ✓ and ✓

Control Gear and Resistances, are the generator field and motor speed regulators, starters and controllers constructed and fitted as per Rule yes

Lightning Conductors, where lightning conductors are required, are these fitted as per Rule yes

Ships carrying Oil having a Flash Point less than 150° F. Have the special requirements of the Rules been complied with regarding switches, joint boxes, section and distribution boards, protection of cables, method of distribution, lead of cables, lights and fittings yes

If portable lamps for use in dangerous spaces are supplied, are they of a type approved by the Home Office ✓

PARTICULARS OF GENERATING PLANT.

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	3	32 each	110/120	23/266	250	Diesel Engine		
AUXILIARY	1	14	110	127	440	Steam Engine		
EMERGENCY	1	14	110	127	400	Steam Engine		
ROTARY TRANSFORMER								

Note
Alteration
Carried out 1950
also see
LIV Rept
136590
17/52
Pring

LIGHTING AND HEATING CONDUCTORS.

Ref. No.	DESCRIPTION.	No. of Conductors.	Effective Area of each Conductor. Sq. Ins.	COMPOSITION OF STRAND.		Total Maximum Current. Amperes.	Approximate Length. (Lead and Return). Feet.	Insulated with	HOW PROTECTED.
				No.	Diameter.				
	MAIN GENERATOR	2	70 sq in	19	2.17 in	100	16 ft	Rubber lead covered and armoured	
	EQUALISER CONNECTIONS	1	25 sq in		2.13 in	50	8 ft	"	"
	AUXILIARY GENERATOR								
	EMERGENCY GENERATOR								
	ROTARY TRANSFORMER								
	AUXILIARY SWITCHBOARDS	2	35 sq in	19	1.53	50	160 ft	"	"
	ENGINE ROOM	2	1 1/2 sq in			1	15 ft	"	"
	BOILER ROOM	2	1 1/2 sq in			1	15 ft	"	"
	ACCOMMODATION	2	25 sq in	7	2.13	40	80 ft	"	"
	WIRELESS	2	10 sq in	7	1.35	25	120 ft	"	"
	SEARCHLIGHT								
	MASTHEAD LIGHT	2	1 1/2 sq in			0.75	160 ft	"	"
	SIDE LIGHTS	4	1 1/2 sq in			0.75	32 ft	"	"
	COMPASS LIGHTS	2	1 1/2 sq in			0.5	16 ft	"	"
	POOP LIGHTS	2	1 1/2 sq in			0.9	40 ft	"	"
	CARGO LIGHTS	2	1 1/2 sq in			1.6	30 ft	"	"
	ARC LAMPS								
	HEATERS								

MOTOR CONDUCTORS.

Ref. No.	DESCRIPTION.	No. of Motors.	Effective Area of each Conductor. Sq. Ins.	COMPOSITION OF STRAND.		Total Maximum Current. Amperes.	Approximate Length. (Lead and Return). Feet.	Insulated with	HOW PROTECTED.
				No.	Diameter.				
	BALLAST PUMP								
	MAIN BILGE LINE PUMPS								
	GENERAL SERVICE PUMP								
	EMERGENCY BILGE PUMP								
	SANITARY PUMP								
	CIRC. SEA WATER PUMPS								
	CIRC. FRESH WATER PUMPS								
	AIR COMPRESSOR								
	FRESH WATER PUMP								
	ENGINE TURNING GEAR	1	95 sq in	19	2.52	160	64 ft	Rubber lead covered & armoured	
	ENGINE REVERSING GEAR								
	LUBRICATING OIL PUMPS	1	2 1/2 sq in			10	20 ft	"	"
	OIL FUEL TRANSFER PUMP	2	25 sq in	7	2.13	60	40 ft	"	"
	WINDLASS								
	WINCHES, FORWARD								
	WINCHES, AFT								
	STEERING GEAR—								
	(a) MOTOR GENERATOR								
	(b) MAIN MOTOR	2	22.70 sq in	19	1.83	240	110 ft	"	"
	WORKSHOP MOTOR	1	6 sq in	7	1.05	20	30 ft	"	"
	VENTILATING FANS								
	Cooling water pump	1	22.317 sq in	19	2.52	200	30 ft	"	"
	Oil Purifier	2	6 sq in	7	1.05	24	35 ft	"	"
	Grindstone	1	1 1/2 sq in			2	10 ft	"	"
	Drilling machine	1	4 sq in			16	30 ft	"	"
	Refrigerator	1	50 sq in	19	1.83	104	120 ft	"	"
	Spare lubricating oil pump	1	95 sq in	19	2.52	144	8 ft	"	"

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All Conductors are of annealed copper conforming to British Standard Specification No. 7.
The Insulated Conductors are guaranteed to withstand the immersion and resistance tests specified in the Rules.
The foregoing is a correct description.

[Signature] Electrical Engineers. Date _____

COMPASSES.

Distance between electric generators or motors and standard compass 00 ft.
Distance between electric generators or motors and steering compass 05 ft.

The nearest cables to the compasses are as follows:—

A cable carrying 13 Amperes 9 feet from standard compass 9 feet from steering compass.
A cable carrying 25 Amperes 15 feet from standard compass 21 feet from steering compass.
A cable carrying 10 Amperes 15 feet from standard compass 21 feet from steering compass.

Have the compasses been adjusted with and without the electric installation at work at full power Yes

Has the effect of switching on and off circuits, motors and other electro-magnetic apparatus within the vicinity of the compasses been noted Yes

The maximum deviation due to electric currents was found to be nihil degrees on every course in the case of the standard compass, and nihil degrees on every course in the case of the steering compass.

Wertschapp von Schiffs- u. Werktagebau

[Signature] Builder's Signature. Date _____

Is this installation a duplicate of a previous case Yes If so, state name of vessel M.V. GOLDMOUTH

General Remarks (State quality of workmanship, opinions as to class, &c. This installation has been fitted in accordance with the Society's Rules and was found in a good working order when tried, and I am of opinion that same merits the approval of the Committee)

It is submitted that this vessel is eligible for THE RECORD. Elec. light.

[Signature]
3/10/27

Total Capacity of Generators 124 Kilowatts.

The amount of Fee ... £392.00 } When applied for, 27/9.19.27
Travelling Expenses (if any) £ — } When received, 15.10.27

[Signature]
Secretary to Lloyd's Register of Shipping.

Committee's Minute FRI. 7 OCT 1927

Assigned _____

Im. 1.28.—Transfer. (The Surreptors are requested not to write on or below the space for Committee's Minute.)