

Cables: Single, twin, concentric, or multicore *Single & twin* are the cables insulated and protected as per Tables IV or V of the Rules. *Yfs.*

Fall of Pressure, state maximum between bus bars and any point of the installation under maximum load *4-5 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 *Yfs.*

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 *None.*

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 *Yfs.*

Support and Protection of Cables, state how the cables are supported and protected *Supported by galvanneal iron clips and protected by steel iron when necessary.*

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 *Yfs.*

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

Joints in Cables, state if any, and how made, insulated, and protected *None*

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

Bushes in Beams and Non-watertight Partitions, where unarmoured cables pass through beams and non-watertight partitions, are the holes efficiently bushed *Yfs.* state the material of which the bushes are made *Wood.*

Earthing Connections, state what earthing connections are fitted and their respective sectional areas *Scotch board frame is made of iron and is in metallic contact with the ship's structure.*

are their connections made as per Rule

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

Emergency Supply, state position and method of control of the emergency supply and how the generator is driven *None.*

Navigation Lamps, are these separately wired *Yfs.*, controlled by separate switch and separate fuses *Yfs.*, are the fuses double pole *Yfs.*

are the switches and fuses grouped in a position accessible only to the officers on watch *Yfs.*

has each navigation lamp an automatic indicator as per Rule *Yfs.*

Secondary Batteries, are they constructed and fitted as per Rule *None.*

Fittings, are all fittings on weather decks, in stokeholds and engine rooms and wherever exposed to drip or condensed moisture, watertight *Yfs.*

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 *in tween decks. Lamps protected by iron cages.*

are any fittings placed in spaces where inflammable or explosive dust or gases are liable to be present, if so, how are they protected

where are the controlling switches situated

Searchlight Lamps, No. of *None*, whether fixed or portable , are their fittings as per Rule

Arc Lamps, other than searchlight lamps, No. of *None*, are their live parts insulated from the frame or case , are their fittings as per Rule

Motors, are their working parts readily accessible *Yfs.*, are the coils self-contained and readily removable for replacement *Yfs.*

are the brushes, brush holders, terminals and lubricating arrangements as per Rule *Yfs.*, are the motors placed in well-ventilated compartments in which inflammable gases cannot accumulate and clear of all inflammable material *Yfs.*

are they protected from mechanical injury and damage from water, steam or oil *Yfs.* are their axes of rotation fore and aft *Yfs.*

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 *Yfs.*

Lightning Conductors, where lightning conductors are required, are these fitted as per Rule *Yfs.*

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

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.	Amperes.	Revs. per Min.		Fuel Used.	Flash Point of Fuel.
MAIN	3	66	220	300	420	Two cylinder Diesel engine	Diesel oil	Above 150° F.
AUXILIARY	1	25	220	114	350	" Compressor D.E.	do	do.
EMERGENCY								
ROTARY TRANSFORMER	2	13	220-110	118	1400			
	6		220-110	55	1300			

LIGHTING AND HEATING CONDUCTORS.

Ref. No.	DESCRIPTION.	No. of Conductors.	Effective Area of each Conductor Sq. MM.	COMPOSITION OF STRAND.		Total Maximum Current Amperes.	Approximate Length (Lead and Return.) METRES.	Insulated with	HOW PROTECTED.		
				No.	Diameter MM.						
	MAIN GENERATOR	1	384	61	2.6	200	60	India Rubber	Lead & steel wire		
	EQUALISER CONNECTIONS	1	99	37	1.85	114	30	do	do.		
	AUXILIARY GENERATOR	1	65	19	2.1	114	60	do	do		
	EMERGENCY GENERATOR										
	ROTARY TRANSFORMER 1. MOTOR	38	19	1.6	55	30	20	do	do		
	ROTARY TRANSFORMER 2. MOTOR	65	19	2.1	118	30	20	do	do		
	AUXILIARY SWITCHBOARDS	2767	27	1.1	40	30	20	do	do		
	ENGINE ROOM	1	45	7	0.9	16	5	do	do		
	BOILER ROOM										
	ACCOMMODATION	1	10	4	1.3	26	112	do	do		
		1	10	4	1.3	23	92	do	do		
	do socket for line to shipping oil pump	1	23	19	1.3	50	5.6	do	do		
	WIRELESS	1	67	7	1.1	15	104	do	do		
	SEARCHLIGHT										
	MASTHEAD LIGHT	1	1.9	1	1.9	1.1	130	200	do	do	
	SIDE LIGHTS	1	2.5	1	1.8	1.1	18	do	do		
	COMPASS LIGHTS	1	1.9	1	1.6	0.16	10	do	do		
	POOP LIGHTS	1	2.5	1	1.8	1.1	72	do	do		
	CARGO LIGHTS	10	10	7	1.3	22	22	114	190	do	do.
	ARC LAMPS										
	HEATERS										

MOTOR CONDUCTORS.

Ref. No.	DESCRIPTION.	No. of Motors.	Effective Area of each Conductor Sq. MM.	COMPOSITION OF STRAND.		Total Maximum Current Amperes.	Approximate Length (Lead and Return.) METRES.	Insulated with	HOW PROTECTED.		
				No.	Diameter MM.						
	BALLAST PUMP	1	49	19	1.85	98	27	India Rubber	Lead & steel wire		
	MAIN BILGE LINE PUMPS	1	42	7	0.9	19 1/2	32	do	do		
	GENERAL SERVICE PUMP	1	14	7	1.6	39	34	do	do		
	EMERGENCY BILGE PUMP										
	SANITARY PUMP										
	CIRC. SEA WATER PUMPS	2	38	19	1.6	75	28	do	do		
	CIRC. FRESH WATER PUMPS										
	AIR COMPRESSOR										
	FRESH WATER PUMP	1	2 1/2	1	1.8	7.9	32	do	do		
	ENGINE TURNING GEAR	1	10	4	1.3	37	40	do	do		
	ENGINE REVERSING GEAR										
	LUBRICATING OIL PUMPS	2	14	4	1.6	39	34	do	do		
	OIL FUEL TRANSFER PUMP	1	25	19	1.3	59	80	do	do		
	WINDLASS	1	127	37	2.1	190	186	do	do		
	WINCHES, FORWARD	1	159	37	2.35	209	160	do	do		
	WINCHES, AFT	1	65	19	2.10	105	209	58	114	do	do
	STEERING GEAR										
	(a) MOTOR GENERATOR	1	65	19	2.1	113	192	do	do		
	(b) MAIN MOTOR							do	do		
	WORKSHOP MOTOR	1 1/2	4.5	7	0.9	13	30	do	do		
	VENTILATING FANS										
	REFRIG. PLANT.	5	65	19	2.1	100	50	do	do		
	SUPERCHARGER	1	129	37	2.1	200	60	do	do		

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.

Lucy Maurizio Monteggi Electrical Engineers.

Date *28-5-27*

COMPASSES.

Distance between electric generators or motors and standard compass *37m.*

Distance between electric generators or motors and steering compass *40 m*

The nearest cables to the compasses are as follows:—

A cable carrying *4* Ampères *3m* feet from standard compass *6m* feet from steering compass. } non inductive

A cable carrying *3* Ampères *4m* feet from standard compass *7m* feet from steering compass. } circuits.

A cable carrying _____ Ampères _____ feet from standard compass _____ 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 *none* degrees on _____ course in the case of the standard compass, and _____ degrees on _____ course in the case of the steering compass.

Stabilimento Tecnico Triestino

[Signature]

Builder's Signature.

Date *28-5-27*

Is this installation a duplicate of a previous case _____

If so, state name of vessel *Simula to Stella, Lellina, Peltra.*

General Remarks (State quality of workmanship, opinions as to class, &c. _____)

The equalizer cables of the generator

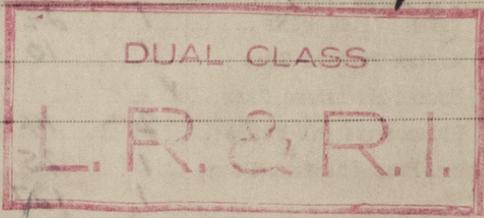
nearest the switchboard is below Rule size; the generators have been examined when running in parallel and were found satisfactory. see London letter E. 1st April 1927. re Hellos.

The fusible cut outs on the main switchboard are not mounted on holders of insulating material as required by the Rules, but the owners have signified their acceptance of the arrangement in a letter, a copy of which is being retained in this file. See London letter E. 15th March 1927.

Otherwise the electric installation of this vessel has been fitted on board in accordance with the requirements of the Rules. The generators and motors were tested in the shops before being fitted on board and on completion, the whole installation was tested under full working conditions with satisfactory results.

wireless fitted

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



Total Capacity of Generators *223* Kilowatts.

The amount of Fee ... *Liro 4,004.* When applied for, *June 4 1927*

Travelling Expenses (if any) £ : : When received, *24.10.27*

V. Lockrey
Surveyor to Lloyd's Register of Shipping.

Committee's Minute *WED. 8 JUN 1927*

TUES. 26 JUL 1927
FRI. 11 NOV 1927

Assigned

Elec light



© 2020

Lloyd's Register Foundation

1m.127.—Transfer. (The Surveyors are requested not to write on or below the space for Committee's Minute.)