

Alternative Lighting, are the groups of lights in the engine and boiler rooms arranged as per Rule Yes Emergency Supply, state position Yes

Navigation Lamps, are they separately wired Yes controlled by separate double pole switches and fuses Yes Are the switches and fuses in a position accessible only to the officers on watch Yes, is an automatic indicator fitted Yes Is an alternative supply provided Yes

Secondary Batteries, are they constructed and fitted as per Rule Yes, are they adequately ventilated Yes state battery capacity in ampere hours 60. amp. hrs.

Fittings, are all fittings on weather decks, in stokeholds and engine rooms and wherever exposed to drip or condensed moisture, weatherproof Yes

Are any fittings installed where readily combustible materials or inflammable or explosive dust or gases are likely to be present Yes if so, how are they protected Pump Room & Crutchwell - Flameproof fittings.

and where are the controlling switches fitted Outside space. Are all fittings suitably ventilated Yes

Searchlight Lamps, No. of Wing only whether fixed or portable —, are they of the carbon arc or of the filament type —

Heating and Cooking, is the general construction as per Rule Yes, are the frames effectually earthed Yes, are heaters in the accommodation of the convection type — Motors, are all motors constructed and installed as per Rule and placed in well-ventilated compartments in which inflammable gases cannot accumulate and protected from damage from water, steam and oil Yes

Are motors coupled to oil fuel transfer and pressure pumps capable of being stopped from a position accessible in the event of fire in the pump compartment Yes Have motors of 100 BHP and over been inspected by the Surveyors during manufacture and testing Yes

Have certificates of test for motors under 100 BHP intended for essential sea services been supplied and the results found as per Rule Yes

Control Gear and Resistances, are they constructed and fitted as per Rule Yes Lightning Conductors, where required are they fitted as per Rule — Ships carrying Oil having a Flash Point less than 150° F. Have all the special requirements of the Rules for such ships been complied with Yes, are all fuses of an Approved Cartridge Type Yes, make of fuse Cartridge fuses as per Rule Are the fittings for pump rooms, 'tween deck spaces, etc., in accordance with the special requirements for such ships Yes Are the cables lead covered as per Rule Yes

E.S.D., if fitted state make Submarine Signal Co. location of transmitter Fore Pump Rm. and receiver Fore Pump Rm.

Spare Gear, if the vessel is for open sea service have spares been provided as per Rule and suitably stored in dry situations Yes

Insulation Tests, has the insulation resistance of all circuits and apparatus been tested and found satisfactory Yes

PARTICULARS OF GENERATING PLANT.

DESCRIPTION OF GENERATOR.	No. of	MAKER.	RATED AT				PRIME MOVER.	
			Kilowatts per Generator.	Volts.	Ampères.	Revs. per Min.	TYPE.	MAKER.
MAIN	2.	W. H. Allen & Sons	600	440	985	1800	St. Engine	W. H. Allen & Sons
	1	"	150	440	281	600	Oil Engine	"
Auxiliary	1	"	50	110	455	550	St. Engine	"
EMERGENCY ROTARY TRANSFORMER	2.	"	50	110	455	1775	St. Motors	"

GENERATOR CABLES.

DESCRIPTION.	KILOWATTS.	CONDUCTORS.		MAXIMUM CURRENT IN AMPERES.		APPROX. LENGTH (feet plus return feet).	INSULATION.	PROTECTIVE COVERING.
		No. in Parallel per Pole.	Sectional Area or No. and Dia. of Strands, Sq. ins. or sq. mm.	In the Circuit.	Rule.			
MAIN GENERATOR	600	1	1.5	985	1414	180	V.C.	L.C.B. (Supalon)
"	150	1	0.3	281	286	144	"	" (3 Con)
Steam Engine main Generator	50	1	.40	455	492	120 (40)	"	"
"	"	1	.20	—	314	60	"	"
EMERGENCY GENERATOR	78 HP	1	.10	102	141	75	"	" (3 Con)
ROTARY TRANSFORMER: MOTOR	50.	1	.40	455	492	150 (40)	"	"
"	"	1	.20	—	314	75	"	"

MAIN DISTRIBUTION CABLES (to Section Boards, Distribution Fuse Boards, etc.).

DESCRIPTION.	No. in Parallel per Pole.	Sectional Area or No. and Dia. of Strands, Sq. ins. or sq. mm.	In the Circuit.	Rule.	APPROX. LENGTH (feet plus return feet).	INSULATION.	PROTECTIVE COVERING.
230V. A.C. Subboard from Transformer.	1	.20	189	220	60	V.C.	L.C.B. (3 Con)
440V. A.C. Transformer from Main Gen.	1	.06	100	100	60	"	"
" " Fuse Board AM1. SI.	1	.10	51.4	141	80	"	"
AM2. SI	1	.10	100.7	141	80	"	"
AM3. SI	1	.10	99.4	141	40	"	"
AM4. SI.	1	.10	111.5	141	55	"	"
AM12 DI	1	.10	141.5	141	80	"	"
AM13. SI.	1	.10	52.5	141	45	"	"
AM1. SI. DI.	1	.0225	26.8	56	36	"	L.C.A.B.
AM1. SI. D3	1	.0225	24.6	56	51	"	"
AM2. SI. DI	1	.0225	29.7	56	30	"	"
AM3 SI. D.	1	.0225	20.4	56	80	"	"

LIGHTING, HEATING, WIRELESS, NAVIGATION LIGHTS, ETC., CABLES.

DESCRIPTION.	CONDUCTORS.		MAXIMUM CURRENT IN AMPERES.		APPROX. LENGTH (lead plus return feet).	INSULATION.	PROTECTIVE COVERING.	
	No. in Parallel per Pole.	Sectional Area or No. and Dia. of Strands, Sq. ins. or sq. mm.	In the Circuit.	Rule.				
Galley Range.	1	.06	68.5	143	30	V.C.	L.C.B.	
Stock Pot.	1	.0225	43.2	80	36	"	"	
Water Boilers	1	.0225	38.7	80	24	"	"	
Galley Fuse Boards.	66. SI.	1	.06	88.9	143	45	"	"
"	67. DI	1	.0225	44.6	80	24	"	"
"	69. DI	1	.0225	33.2	80	45	"	"
Midship Porting	DB: DA3 DI.	1	.0225	50.1	80	24	"	"
Machinery Space Lighting. Fore Bd. DM1 SI.	1	.04	52.4	110	80	"	L.C.A.B.	
Ventilation	DM4. SI.	1	.06	74	143	75	"	"
"	DM5. SI.	1	.10	72.9	202	165	"	L.C.
Boat Winch off	DM6 DI.	1	.04	56	110	70	"	"
Machinery Space. Fly	DM7 SI	1	.04	52.7	110	10	"	L.C.A.B.
"	DM7.5 SI	1	.04	52.	110	50	"	"
General Lighting off	DM8. SI.	1	.04	95.2	110	105	"	L.C.
"	DM9. SI.	1	.04	94.4	110	90	"	"
Midship Aux. D.C. Switchboard.	1.	1	.30	65	408	600	VC	L.C.A.B.
"	2	1	.30	200	408	600	"	"
Rabbit Equipment	1	.04	46	110	60	"	L.C.	
Radio	1	.04	15	110	60	"	"	
Boat Flood Lighting. Fore Bd. DA3. SI.	1	.06	41	143	114	"	"	
Navigation General Lighting DM8. SI.	1	.04	93	110	15	"	"	
Ship Ventilation	DA10. DI	1	.04	100	110	9	"	"
General Lighting Midship.	DA9. SI	1	.04	83.6	110	15	"	"
Supply Board Projector (boiler only)	1	.10	—	202	360	"	L.C. L.C.A.B.	
Slow Connection 440V. AC.	1	.40	—	344	66	"	L.C.A.B.	
"	D.C.	1	.50	—	572	66	"	"
Depressure Port with 1/2" Tube in Case, in Fore Bd. with 1/2" Tube in Case	1	.064	114.3	143	8000	VC	L.C.A.B.	

MOTOR CABLES.

ALL IMPORTANT MOTORS TO BE ENUMERATED.	No.	B.H.P.	CONDUCTORS.		MAXIMUM CURRENT IN AMPERES.		APPROX. LENGTH (feet plus return feet).	INSULATION.	PROTECTIVE COVERING.
			No. in Parallel per Pole.	Sectional Area or No. and Dia. of Strands, Sq. ins. or sq. mm.	In the Circuit.	Rule.			
Steering Gears.	2	55	1	.06	85	100	225	V.C.	L.C.A.B. (3 Con)
Forward Draught Fan.	2	70	1	.10	96	141	190	"	"
Domestic F.W. Pump	1	1.5	1	.01	13.7	31	66	"	"
Main Circulating Pump.	2	90	1	.10	122	141	103/135	"	"
Steering Pump.	1	100	1	.10	118	141	48	"	"
Tank Bleeding	1	86	1	.10	110	141	60	"	"
Main Exhaustion	2	45	1	.06	60	100	70	"	"
Refilling Compressors	2	7	1	.0045	9.5	15	30	V.I.R	"
" S.W. Circulating Pot	1	1.5	1	.003	2.2	10	150	"	"
Rub. Oil Pumps	2	2.5	1	.003	3.7	10	54/20	"	"
Eng. Room Vent Fans	4	5.5	1	.003	8.2	10	75/100	"	"
Boiler	2	5.5	1	.003	8.2	10	60	"	"
Auto-Alternator Circ. Pump	2	27	1	.0225	37	56	45	V.C.	"
Fire Bilge Sounding	2	26	1	.0225	34	56	55	"	"
D.F. Pressure	2	9.75	1	.01	13.3	31	45	V.I.R	"
Combustion Control Compressor.	1	6	1	.003	9.3	10	60	"	"
Evaporator Feed Pump.	2	5.5	1	.003	7.1	10	40	"	"
O.F. T-Hoses	1	23	1	.0225	35	56	24	V.C.	"
Forecast Rub. Oil	2	29	1	.0225	40	56	60	"	"
Aux Condenser Extraction	1	25	1	.0225	34.5	56	45	"	"
Distill. Alternator Compressor	1	17.5	1	.0225	27.5	56	65	"	"
General Service Pump	1	26	1	.0225	34	56	70	"	"
Aux Condenser Circ	1	27	1	.0225	40	56	90	"	"
Drain Tank	1	4.5	1	.003	6.2	10	60	V.I.R	"
Rub. Oil Condens. Case	1	13	1	.0225	18	56	45	V.C.	"
Warning Motor (110V)	1	7	1	.04	58	110	45	"	"
Wash (110V)	1	8.5	1	.04	71	110	160	"	"
Boat Winch (110V)	4	5	1	.0225	43.3	80	45/75	"	"
Thermostat Fans	2	2.9	1	.0225	21	56	59/72	"	L.C.
"	3	3.5	1	.01	28	31	30	V.I.R	"
Exhaust Fan	1	.08	1	.003	0.6	10	75	"	"
"	1	2.5	1	.01	21	31	30	"	"
Supply Fan	2	0.75	1	.003	7.2	10	30	"	"

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