

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

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Date of writing Report 26th JULY 1954 When handed in at Local Office 14-8-1954 Port of NEWCASTLE-ON-TYNENo. in Survey held at NEWCASTLE-ON-TYNE Date, First Survey 16th FEB 1954 Last Survey 30th JULY 1954
Reg. Book. (No. of Visits 23)41030 on the TANKER S.S. "WORLD HARMONY" Tons { Gross 20992
Net 18248Built at NEWCASTLE-ON-TYNE By whom built VICKERS - ARMSTRONGS LTD Yard No. 135 When built 1954Owners WORLD TANKERS CORP. Port belonging to PIRAEUSInstallation fitted by VICKERS - ARMSTRONGS LTD When fitted 1954Is vessel equipped for carrying Petroleum in bulk Yes Is vessel equipped with D.F. Yes E.S.D. Yes Gy.C. Yes Sub.Sig. No Radar YesPlans, have they been submitted and approved Yes System of Distribution 3 PHASE 3 WIRE SINGLE PH. 2 WIRE, TWO WIRE D.C. Voltage of Lighting 110 A.C.Heating 230V SINGLE PHASE Power 440V 3PH. D.C. or A.C. Lighting A.C. Power A.C. If A.C. state frequency 60 ~Prime Movers, has the governing been found as per Rule when full load is thrown on and off Yes Are turbine emergency governors fittedwith a trip switch Yes Generators, are they compound wound Yes (M.G. sets) and level compounded under working conditions YesAre the generators arranged to run in parallel Yes Is the compound winding connected to the negative or positive pole negativeHave machines 100 kw. and over been inspected by the Surveyors during manufacture and testing Yes Have certificates of test for machinesunder 100 kw. been supplied and the results found as per Rule Yes Position of Generators Main Alternators on platformport and starboard side of engine room. Aux diesel alternator on starboard side of engine room aftis the ventilation in way of generators satisfactory Yes are they clear of inflammable material and protected from mechanical injury anddamage from water, steam and oil Yes Switchboards, where are main switchboards placed near main alternators onplatform at forward bulkhead of engine room. (M.G. sets on starboard starboard side of switchboard platform)

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 dead front type if of synthetic insulatingmaterial is it an Approved Type — if of semi-insulating material (slate or marble) are all conducting parts insulated therefrom asper Rule — Is the construction as per Rule, including locking of screws and nuts Yes Description of Main Switchgearfor each generator and arrangement of equaliser switches Alternators - circuit breakers triple pole fitted with R/P relayand O/Ls with time lags. D.C. Generators - Circuit breakers double pole fitted with R/C. H/V andO/L trips with time lagsand the switch and fuse gear (or circuit breakers) for each outgoing circuit A.C. Circuits - triple pole circuit breakersfitted with O/Ls single phase circuits - double pole switch and fuses D.C. Circuits -double pole switch and fusesAre compartments containing switchboards composed of fire-resisting material or lined as per Rule Yes Instruments on main switchboard 14 A.C. 5 D.C.ammeters 2 A.C. 5 D.C. voltmeters 2 A.C. 5 D.C. SYNCHROSCOPE LAMP synchronising devices. For compound machines in parallel are the ammeters and reverse currentprotection devices connected on the pole opposite to the equaliser connection EQUALISER NOT FITTED Earth Testing, state means provided A.C.earth leakage indicators, D.C. earth lamps Preference Tripping, state if provided No and tested —Switches, Circuit Breakers and Fuses, are they as per Rule Yes are the fuses an Approved Type Yesmake of fuses Siemens Zed & Arctic Cartridge are all fuses labelled Yes If circuit breakers are provided for the generators, at whatoverload do they operate 50% O/L and at what current do the reverse current protectivedevices operate A.C. 10% R/P. D.C. 15% F.L. Cables, are they insulated and protected as per Rule Yesif otherwise than as per Rule are they of an Approved Type — state maximum fall of pressure between bus bars and any pointunder maximum load less than 6% 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 Yes if so, are they adequately protected Yes Statetype of cables (if in conduit this should also be stated) in machinery spaces (V.C. & V.I.R.) L.C. & L.C.A.B. galleys (V.C. & V.I.R.) L.C. & L.C.A.B.and laundries V.I.R. L.C.B. State how the cables are supported or protected Main alternator cables supportedin hardwood cleats, other cables clipped to tray, metal work or woodwork, and protected by pipe orplating where necessary.Are all lead sheaths, armouring and conduits effectually bonded and earthed Yes Are all cables passing through decks and watertightbulkheads provided with deck tubes or watertight glands Yes where unarmoured cables pass through beams, etc., are the holeseffectively 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 —

Rpt. 13 (cont).

S.S. "WORLD HARMONY"

Alternative Lighting, are the groups of lights in the engine and boiler rooms arranged as per Rule. Yes Emergency Supply, state position Engine room emergency lighting battery fitted on main switchboard flat, engine room

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, fitted and adequately ventilated as per Rule. Yes state battery capacity in ampere hours — Where required to do so does it comply with 1948 International Convention. —

Lighting, is fluorescent lighting fitted. No If so, state nominal lamp voltage — and compartments where lamps are fitted. —

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

Searchlights, No. of 1, whether fixed or portable. fixed, are they of the carbon arc or of the filament type. filament

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. ONNERS LOUNGE 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

Lightning Conductors, where required are they fitted as per Rule. —

Ships carrying Oil having a Flash Point of 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 Siemens & Artie Are the fittings for pump rooms, tween deck spaces, etc., in accordance with the special requirements for such ships. Yes Are all cables lead covered as per Rule. Yes

E.S.D., if fitted state maker. Budworth Marine Location of transmitter and receiver. Forward pump room Recorder in chart room

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.	
			Kw. per Generator.	Volts.	Amps.	Revs. per Min.	TYPE.	MAKER.
MAIN	2	B.T.H. CO	500 KW	440	820	1800	STEAM TURBINE	B.T.H. CO
	1	LAURENCE SCOTT & ELECTROMOTORS LTD	100 KW	440	187.5	900	DIESEL	RUSTON PROXMAN
EMERGENCY ROTARY TRANSFORMER								

GENERATOR CABLES.

DESCRIPTION.	No. of	Kw.	CONDUCTORS.		MAXIMUM CURRENT IN AMPERES.		APPROX. LENGTH (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	2	500 KW 3PH. 60c	1	127.103	820	842	70 FT. PER PHASE	V.C.	L.C.B.
" " EQUALISER	1	100 KW 3PH. 60c	1	37.083	187.5	220	130	V.C.	LCB
EMERGENCY GENERATOR	2	8 HP 440V. 3PH	1	7.052	12.25	42	45	V.I.R.	L.C.A.B.
ROTARY TRANSFORMER: MOTOR	2	5 KW 110V. D.C.	1	7.064	45.5	80	45	V.C.	"

MAIN DISTRIBUTION CABLES (to Auxiliary Switchboards, etc.).

DESCRIPTION.									
REFRIG ENG ROOM AUX	PMS1	FROM MAIN SB	1	19/064	3c	67.5	100	60	V.C. L.C.A.B.
ENGINE ROOM AUX	" S2	"	1	19/064	3c	74.6	100	150	" "
"	" S3	"	1	37/072	3c	139.2	182	60	" "
"	" S4	"	1	37/072	3c	115.6	182	60	" "
"	" S5	"	1	37/072	3c	91.1	182	105	" "
"	" S6	"	1	37/072	3c	100.2	182	135	" "
VENTILATION	" S7	"	1	7/064	3c	30.5	56	60	" L.C.B.
SHORE SUPPLY	"	"	1	6/093	3c	—	344	60	" "
AMIDSHIPS POWER SWITCHBOARD	"	"	1	19/083	3c	85.2	141	360	" L.C.A.B.
LIGHTING TRANSFORMER SUPPLY	"	"	1	7/064	2c	34	46	42	V.I.R. "
GALLEY	"	"	1	19/064	3c	100	100	36	V.C. "
VENTILATION	PA. DI	" AMIDSHIPS SB	1	7/044	3c	11	22	30	V.I.R. L.C.B.
RADIO TRANSMITTER	"	"	1	7/036	3c	10	17	105	" "
LIGHTING TRANSFORMER SUPPLY	"	"	1	7/064	2c	34	80	15	V.C. "
NO. 1 TURBO-ALT. CIRC. EXT. PUMPS	"	" MAIN SB	1	7/064	3c	20	56	80	V.C. L.C.A.B.
NO. 2 " " " " " "	"	"	1	7/064	3c	20	56	80	V.C. "

DESCRIPTION.	No. in Parallel per Pole.	CONDUCTORS.		MAXIMUM CURRENT IN AMPERES.		APPROX. LENGTH (feet).	INSULATION.	PROTECTIVE COVERING.
		Sectional Area or No. and Dia. of Strands. Sq. ins. or sq. mm.	In the Circuit.	Rule.	Rule.			
LIGHTING MACH. SPACE LM1 SI. FROM MAIN SB.	1	19/064 2c	61.8	143 ✓	96	V.C.	L.C.A.B.	
" " " LM2 SI. " " "	1	19/064 2c	68.2	143 ✓	60	"	"	
" AFT. ACCOM. LM3 SI. " " "	1	7/064 2c	39.7	80 ✓	45	"	L.C.B.	
" " " LM4 SI. " " "	1	19/064 2c	37.7	143 ✓	138	"	"	
" " " LM5 SI. " " "	1	19/044 2c	48	92 ✓	45	"	"	
" " " LM6 SI. " " "	1	19/044 2c	58.8	92 ✓	138	"	"	
" BOILER RM. PORT. LM1 SI DI " LM1 SI	1	7/044 2c	14	31 ✓	60	V.I.R.	L.C.A.B.	
" ALTERNATOR FLAT STB " D2 " "	1	7/036 2c	22	24 ✓	75	"	"	
" " " PORT LM2 SI DI. " LM2 SI	1	7/044 2c	27.6	31 ✓	48	"	"	
" BOILER RM. STB. " D2 " "	1	7/052 2c	16	37 ✓	135	"	"	
" WORKSHOP PORT " D3 " "	1	7/044 2c	24	31 ✓	51	"	"	
" UPPER DK. PORT FORD LM3 SI DI " LM3 SI.	1	7/036 2c	17.6	24 ✓	24	"	L.C.B.	
" POOP DK. STB. " D2 " "	1	7/044 2c	22	31 ✓	66	"	"	
" UPPER DK STB AFT. LM4 SI DI. " LM4 SI	1	7/044 2c	19.2	31 ✓	15	"	"	
" " " PORT " D2 " "	1	7/036 2c	18.5	24 ✓	15	"	"	
" " " FORD LM5 SI DI. " LM5 SI	1	7/052 2c	20.2	37 ✓	24	"	"	
" POOP DK PORT " D2 " "	1	7/052 2c	28	37 ✓	66	"	"	
" " AFT. LM6 SI DI " LM6 SI.	1	7/044 2c	29	31 ✓	18	"	"	
AMIDSHIPS LIGHTING SB FROM 110V TRANSFORMERS.	1	19/083 2c	137	202 ✓	15	V.C.	L.C.B.	
DOMESTIC GEAR FORD LA1 SI FROM AMIDSHIPS SB	1	19/064 2c	36.2	143 ✓	45	"	"	
ELECTRIC COOKER SALOON PANTRY " " "	1	19/044 2c	66.5	92 ✓	75	"	"	
LIGHTING ETC. BRIDGE LA3 SI " " "	1	7/064 2c	68.5	80 ✓	36	"	"	
" " LA4 SI " " "	1	7/064 2c	70.5	80 ✓	30	"	"	
" " LA5 SI " " "	1	19/044 2c	59.4	92 ✓	54	"	"	
SUEZ CANAL PROJECTOR " " "	1	19/064 2c	18	143 ✓	330	"	L.C.B. TO SWITCH WHEELHOUSE L.C.A.B. TO S/L	
DOMESTIC GEAR FORD LA1 SI DI " LA1 SI	1	7/052 2c	36.2	37 ✓	45	V.I.R.	L.C.B.	
WATER BOILER 2 GALLON " LA1 SI DI.	1	7/036 2c	11	10 ✓	18	"	"	
COFFEE PERCOLATOR " " "	1	7/029 2c	13.7	15 ✓	18	"	"	
DOMESTIC REFRIG " " "	1	7/036 2c	4.8	10 ✓	18	"	"	
ELECT. FIRE OWNERS LOUNGE " " "	1	7/036 2c	6.8	10 ✓	45	"	"	
LIGHTING NAVIGATING BRIDGE LA3 SI DI " LA3 SI	1	7/029 2c	11.4	15 ✓	36	"	"	
" WHEELHOUSE " D2 " " "	1	7/036 2c	5.5	10 ✓	36	"	"	
" NAVIGATING BRIDGE " D3 " " "	1	7/052 2c	25.5	37 ✓	18	"	"	
" BRIDGE DK. " D4 " " "	1	7/044 2c	26	31 ✓	36	"	"	
" WHEELHOUSE LA4 SI DI " LA4 SI	1	7/044 2c	20.4	31 ✓	45	"	"	
" " " D2 " " "	1	7/036 2c	5.5	10 ✓	45	"	"	
" BRIDGE DK. " D3 " " "	1	7/044 2c	23.5	31 ✓	18	"	"	
" FORECASTLE " D4 " " "	1	7/064 2c	21.2	80 ✓	330	V.C.	L.C.B. TO SWITCH WHEELHOUSE L.C.A.B. TO FORECASTLE.	
" WHEELHOUSE LA5 SI DI " LA5 SI	1	7/036 2c	9.5	24 ✓	30	V.I.R.	L.C.B.	
" " " D2 " " "	1	7/029 2c	3.4	15 ✓	30	"	"	
" " " D3 " " "	1	7/036 2c	5.5	10 ✓	30	"	"	
" BRIDGE DK. " D4 " " "	1	7/044 2c	19.7	31 ✓	36	"	"	
SIGNALLING PROJ. 10" " " "	1	7/029 2c	9	15 ✓	30	"	"	
LIGHTING M/C SPACE LM1 SI DI3 " LM1 SI	1	7/036 2c	16.4	24 ✓	80	"	L.C.A.B.	

DISTRIBUTION CABLES D.C.

FORD CIRCUITS DC1 & DC1A FROM MAIN SB.	1	19/064 2c	35.1	143	✓ 360	V.C.	L.C.A.B.
MISC. CIRCUITS AFT. DC2 " " "	1	7/036 2c	6	24	✓ 120	V.I.R.	"
BATT. CHARGING L.P. CUBICLE " " "	1	7/036 2c	10	24	✓ 40	"	"
GYRO COMPASS SUPPLY " DC1A. " " "	1	7/036 2c	10	24	✓ 30	"	L.C.B.
GYRO PILOT MAINS " " " "	1	7/036 2c	8	24	✓ 30	"	"
ALDIS LAMP " DC1 " " "	1	3/029 2c	2.5	5	✓ 15	"	"
WHISTLE CONTROL CIRCUITS " " " "	1	3/029 2c	1	5	✓ 10	"	"
EMERGENCY RADIO " " " "	1	3/036 2c	1.5	10	✓ 45	"	"
FIRE ALARM BELLS " " " "	1	3/029 2c	1	5	✓ 30	"	"
WALKERS LOG " " " "	1	3/029 2c	0.5	5	✓ 15	"	"
ENGINE ROOM TELEGRAPH " " " "	1	3/029 2c	0.36	5	✓ 30	"	"
DOCKING " " " "	1	3/029 2c	0.36	5	✓ 30	"	"
RADAR " DC1A " " "	1	7/036 2c	10	24	✓ 60	"	"

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

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.			
REFRIG. MACHINERY AUTO PANEL FROM PMS1	1	7/064 3c		15.9	56 ✓	135	Y.C.	L.C.A.B.
WORKSHOP SUPPLY PMS1.D1. " "	1	7/064 3c		10	56 ✓	45	"	"
MACH ^y SPACE VENT FANS " D2. " "	1	7/064 3c		20.4	56 ✓	15	"	"
ENGINE ROOM POWER PMS2.D1. " PMS2	1	7/064 3c		16.7	56 ✓	45	"	"
M-G SET A.C./D.C. PMS3.D1. " PMS3	1	7/064 3c		23.6	56 ✓	60	"	"
ENGINE ROOM POWER PMS5.D1. " PMS5	1	7/064 3c		11.9	56 ✓	60	"	"
MACH ^y SPACE VENT FANS " D2 " "	1	7/064 3c		20.4	56 ✓	90	"	"
ENGINE ROOM POWER PMS6.D1. " PMS6	1	7/064 3c		13.7	56 ✓	45	"	"
BOILER " " " D2 " "	1	7/064 3c		10.1	56 ✓	90	"	"
VENTILATION HOSPITAL ETC PMS7.D1. " PMS7	1	7/064 3c		14.2	56 ✓	195	"	L.C.B.
EXHAUST FAN NO E10. " D1 " "	1	3/036 3c		0.2	10 ✓	21	V.I.R.	"
GALLEY GEAR CONTROL FROM 440/230V TRANS- ^{FORMER}	1	37/083 3c		190	220 ✓	36	Y.C.	L.C.A.B.
" " SB. " MAIN SB	1	37/083 3c		190	220 ✓	165	"	"
" " SB. G5 SI. " GALLEY SB.	1	19/044 2c		89.5	92 ✓	30	"	L.C.B.
DOUGH MIXER ETC. G5 SI. D1. " G5 SI	1	7/052 2c		12.1	37 ✓	12	V.I.R.	"
OFFICER'S PANTRY G6. D1. " GALLEY SB.	1	7/064 2c		33.5	80 ✓	45	Y.C.	"
CREWS " G7. D1. " "	1	7/064 2c		36.3	80 ✓	45	"	"
MAIN GALLEY RANGE 3-15.75KW. UNITS " "	1	19/044 2c		71.6	92 ✓	42	"	"
STOCKPOT 12KW. " "	1	7/064 2c		52	80 ✓	36	"	"

MOTOR CABLES.

440v. 3 ph. 60v

ALL IMPORTANT MOTORS TO BE ENUMERATED.	No.	B.H.P.									
STEERING GEAR MOTORS FROM MAIN SB	2	45	1	19/064	3c	71	100 ✓	210	Y.C.	L.C.A.B.	
MAIN CIRC. PUMP " " "	1	135	1	37/083	3c	170	220 ✓	120	"	"	
AUX. " " " " "	1	46	1	19/052	3c	62	77 ✓	150	"	"	
FIRE " " " " "	1	52	1	19/064	3c	66	100 ✓	90	"	"	
FORCED DRAUGHT FAN " " "	2	105	1	37/072	3c	134	182 ✓	180	"	"	
FUNNEL ANNULUS FAN " " PMS1	1	16	1	7/064	3c	21.2	56 ✓	90	"	"	
LATHE " " PMS1.D1.	1	3	1	3/036	3c	4.5	10 ✓	30	V.I.R.	"	
DRILL " " " "	1	2	1	3/036	3c	2.1	10 ✓	30	"	"	
GRINDER " " " "	1	2	1	3/036	3c	3.4	10 ✓	30	"	"	
VENT FANS MACH ^y SPACE PMS1.D2 PMS5.D2	8	3.25	1	3/036	3c	5.1	10 ✓	90	"	"	
BRINE & F.W. CIRC. PUMP MOTOR " PM S2	1	11	1	7/052	3c	14.2	26 ✓	45	"	"	
O.F. SERVICE PUMP " " PMS2.6	2	10	1	7/044	3c	13.7	22 ✓	75	"	"	
TURNING " " PM S2	1	8	1	7/044	3c	17	22 ✓	45	"	"	
AIR COMPRESSOR COMB ^N CONTROL " "	1	7.5	1	7/044	3c	13	22 ✓	75	"	"	
S.W. EVAPOR ^R DRAIN PUMP " PMS2.D1	2	2.75	1	3/036	3c	3.5	10 ✓	30	"	"	
F.W. " SLUDGE " " " "	1	2.75	1	3/036	3c	3.5	10 ✓	30	"	"	
LUB.OIL PURIFIER NOS 1 & 2 PMS2.D1. PMS6.D1	2	2.5	1	3/036	3c	3.3	10 ✓	75	"	"	
F.W. EVAPOR ^R MAKEUP FEED " PMS2.D1	1	2	1	3/036	3c	2.7	10 ✓	65	"	"	
MAIN EXTRACTION PUMPS 1 & 2. " PMS3 & 4	2	36	1	19/044	3c	45	64 ✓	48	V.C.	"	
SANITARY & EMER ^y FIRE PUMP 1 & 2 " "	2	30	1	19/044	3c	37.6	64 ✓	81	"	"	
DRAIN COOLER & L.P. HEATER DRAIN 1 & 2 " "	2	27	1	7/064	3c	33	56 ✓	30	"	"	
TURBO-ALT ^R CIRC WATER PUMPS 1 & 2 " " PMS8 3 & 4 PMS9	2	16	1	7/064	3c	20	56 ✓	80	"	"	
LUB.OIL PUMPS 1 & 2. " PMS5 & 6	2	36	1	19/044	3c	45	64 ✓	60	"	"	
ENG. ROOM BILGE PUMP " PMS5	1	10	1	7/044	3c	13.8	22 ✓	30	V.I.R.	"	
AUX. EXTRACTION PUMP " PMS5.D1	1	6	1	7/036	3c	8.3	17 ✓	75	"	"	
TURBO-ALT ^R EXTR ^N PUMP 1 & 2 " PMS8 PMS9	2	3	1	3/036	3c	4.1	10 ✓	60	"	"	
AUX. CONDENSER CONDENSATE " PMS5.D1	1	2.5	1	3/036	3c	3.6	10 ✓	75	"	"	
AIR COMPRESSOR PNEU ^{ic} TOOLS " PM S6	1	12.5	1	7/064	3c	17.7	56 ✓	75	Y.C.	"	
BOILER FILLING PUMP " PMS6.D1	1	6	1	7/029	3c	8.3	15 ✓	60	V.I.R.	"	
BOILER LIGHTING UP PUMP " PMS6.D2	1	0.75	1	3/036	3c	1.3	10 ✓	30	"	"	
EMERG ^y FORCED DRAUGHT BLOWER " "	1	1.2	1	3/036	3c	1.8	10 ✓	45	"	"	
COMBUSTION CONTROL MOTORS " "	3	0.125	1	3/036	3c	1.05	10 ✓	75	"	"	
F.W. PUMP MOTOR " PA D1.	1	1.5	1	3/036	3c	2.7	10 ✓	45	"	L.C.B.	
SUPPLY FAN NO 6 " " "	1	0.5	1	3/036	3c	1.2	10 ✓	60	"	"	

NOTE.—Use Rpt. 13 Continuation Sheet if the above space is insufficient.

The Electrical Equipment is installed in accordance with the approved plans and the requirements of the Rules.

All Insulated Conductors are guaranteed to have been tested at the maker's works as specified in the Rules.

The foregoing is a correct description.

For VICKERS-ARMSTRONGS LIMITED,

G. H. A. Houlder

GENERAL MANAGER - NAVAL YARD.

Electrical Contractors.

Date 30th July, 1954.

COMPASSES.

Have the compasses been adjusted under working conditions.

For VICKERS-ARMSTRONGS LIMITED,

G. H. A. Houlder

GENERAL MANAGER - NAVAL YARD.

Builder's Signature.

Date 30th July, 1954.

Have the foregoing descriptions and schedules been verified and found correct.

Yes

Is this installation a duplicate of a previous case.

Yes

If so, state name of vessel "WORLD ENTERPRISE" SHIP No 132

Plans. Are approved plans forwarded herewith.

Yes

If not, state date of approval.

Certificates. Are certificates of test for motors engaged on essential sea services and generators forwarded herewith.

Yes see attached list

General Remarks. (State quality of workmanship and materials, opinions as to class, etc.)

The electrical equipment of this vessel has been fitted on board under Special Survey, seen under working conditions and all found to be satisfactory

The materials and workmanship are good

The equipment as installed is suitable in my opinion for a class ship.

*Noted JS
11/9/54*

Total Capacity of Generators 1,100 ✓ Kilowatts.

NEWCASTLE OFFICE £120-12-0
LONDON OFFICE £15-14-0
The amount of Fee ...
BIRMINGHAM OFFICE £15-14-0
MANCHESTER OFFICE £5-0-0

When applied for,

17 AUG 1954

LONDON OFFICE £2-4-0
Travelling Expenses (if any) £2-8-0
BIRMINGHAM OFFICE £2-14-0
MANCHESTER OFFICE £1-13-6

When received,

19

J. M. Wright

Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRIDAY 22 OCT 1954

Assigned *See Rpt. 46.*



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Foundation