

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office.

Date of writing Report 10 Aug 1951 When handed in at Local Office 23 Oct 1951 Port of Belfast 29 NOV 1951
 No. in Survey held at Belfast Date, First Survey 29 July '49 Last Survey 15 Oct 1951
 Reg. Book. 14876 on the Whale Factory Vessel "Juan Peron" (No. of Visits 147 Tons Gross 24570 Net 16146
 Built at Belfast By whom built Messrs Harland & Wolff Ltd Yard No. 1384 When built 1951
 Owners Compania Argentina de Pesca, S. A. Port belonging to Buenos Aires
 Installation fitted by Messrs Harland & Wolff Ltd. When fitted 1951.

Is 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 Yes.

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

Heating — Power 220 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 Yes Are turbine emergency governors fitted

with a trip switch — Generators, are they compound wound Yes, and level compounded under working conditions Yes

if not compound wound state distance between generators — and from switchboard — Are the generators arranged to run

in parallel Yes, are shunt field regulators provided Yes Is the compound winding connected to the negative or positive pole

Negative Have machines over 100 kw. been inspected by the Surveyors during manufacture and testing Yes Have certificates of

test for machines under 100 kw. been supplied Yes and the results found as per Rule Yes

Position of Generators In Engine Room

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 near generators

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 Slate or 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 Yes 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 I.P. circuit breaker fitted with reverse current

and overload trips

and the switch and fuse gear (or circuit breakers) for each outgoing circuit D.P. circuit breaker or D.P. switch

and fuses

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule Yes Instruments on main switchboard 19

ammeters 4 voltmeters — synchronising devices. For compound machines in parallel are the ammeters and reversed current

protection devices connected on the pole opposite to the equaliser connection Yes Earth Testing, state means provided Lamps

Switches, Circuit Breakers and Fuses, are they as per Rule Yes, are the fuses an Approved Type Yes

make of fuses Siemens "Z" are all fuses labelled Yes If circuit breakers are provided for the generators, at what

overload do they operate set to 50% overload, and at what current do the reversed current protective devices operate 15% of F. load

Joint Boxes, Section Boards and Distribution Boards, is the construction as per Rule Yes

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 10.8 volts, are the ends of all cables having a sectional

area of 0.01 square inch and above provided with soldering sockets Yes 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 Are cables in machinery spaces, galleys, laundries, etc., lead covered Yes or run in conduit —

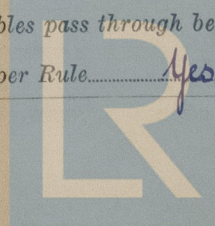
or of the "HR" type — State how the cables are supported or protected Slipped to steelwork or tray,

protected by sheet steel where necessary

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 Yes



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

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. Yes

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. Flame Proof Fittings

and where are the controlling switches fitted. In safe place Are all fittings suitably ventilated. Yes

Searchlight Lamps, No. of Wingonly whether fixed or portable. Yes are they of the carbon arc or of the filament type. Yes

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. Yes 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. Yes 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. Siemens "Z" Are the fittings for pump rooms, 'tween deck spaces, etc., in accordance with the Approved Plan for such ships. Yes Are the cables lead covered as per Rule. Yes

E.S.D., if fitted state maker. Kelvin Hughes location of transmitter. Frame 81 to 82 and receiver. Frame 81 to 82

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 ...	5	Harland & Wolff	425	220	1890	300	Oil Engine.	Harland & Wolff
Aux. ...	1	Harland & Wolff	120	110	1090	600	Oil Engine.	Ruston Hornsby
EMERGENCY ...								
ROTARY TRANSFORMER	1	Harland & Wolff	120	110	1090	650	El. Motor.	Harland & Wolff

GENERATOR CABLES.

DESCRIPTION.	KILOWATTS.	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.			
MAIN GENERATOR ...	425	3	91/103	1890	2214	134 max	V.C.	L.C.
" EQUALISER ...		2	91/103		1476	67 "	"	"
110 Volt generator	120	2	91/093	1090	1240	60	"	"
" " Equaliser.		1	91/093		620	30	"	"
EMERGENCY GENERATOR ...								
ROTARY TRANSFORMER: MOTOR		1	91/103	660	738	94	"	"
" " GENERATOR...	120	2	91/093	1090	1240	94	"	"
" " Equaliser.		1	91/093		620	47	"	"

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

DESCRIPTION.							
A1. Power Forward	1	91/103	442	738	1110	V.C.	L.C.A.B.
A2. Winches "	1	91/093	300	620	1110	"	"
A3. Lighting "	1	91/103	328	738	1110	"	"
B1. Ventilation midships.	1	37/072	140	246	600	"	L.C.
B2. Ventilation "	1	37/072	140	246	600	"	L.C.A.B.
C1. Power aft.	1	37/083	195	296	300	"	L.C.
C2. Lighting "	1	61/093	280	464	300	"	"
D. Refrig.	2	91/103	1132	1476	1050	"	"
E1. Factory Forward	1	127/093	733	815	750	"	"
E2. Factory "	2	91/103	1248	1476	750	"	"
E3. Factory "	2	127/103	1179	1864	750	"	"
E4. Factory "	1	61/093	240	464	750	"	"

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Port of

"JUAN PERON"

Continuation of Report No.

dated

on the

DESCRIPTION.	CONDUCTORS.		MAX. CURRENT IN AMPS.		APPROX. LENGTH L&R-FT.	INSULATION.	PROTECTIVE COVERING.
	NO. IN PARALLEL PER POLE.	SECTIONAL AREA OR NO. & DIA. OF STRANDS.	IN THE CIRCUIT.	RULE.			
Dist. Box. A3/5A- General Lighting	1	7/044	22	31	190	V.I.R.	L.C.
" " A3/6- " "	1	7/044	26	31	80	"	"
" " A3/6A- " "	1	7/044	22	31	130	"	"
" " A3/7- " "	1	7/044	27	31	170	"	"
" " A3/8- " "	1	7/044	26	31	230	"	"
" " A3/9- " "	1	7/036	15	24	130	"	"
" " A3/10- " "	1	7/036	15	24	130	"	"
S & F. " A3/11- Refrig. Cargo Stg.	1	7/036	10	24	140	"	"
L. P. Switchboard.	1	7/036	10	24	150	"	"
Section Box. C1/1- Ventilation	1	19/064	56	135	70	V.C.	"
" " C1/2- " "	1	19/064	80	135	290	"	"
" " C1/3- Hospitals.	1	19/044	44	87	370	"	"
" " C1/4- Laundry Stg.	1	7/064	32	46	430	V.I.R.	"
" " C1/5- Water boiling.	1	7/036	10	24	420	"	"
Dist. Box. C2/1- General Lighting	1	7/036	14	24	70	"	"
" " C2/2- " "	1	7/036	12	24	210	"	"
" " C2/2A- " "	1	7/036	15	24	360	"	"
" " C2/3- " "	1	7/036	15	24	240	"	"
" " C2/4- Weather Sk. Lighting	1	7/036	15	24	280	"	"
" " C2/5- General Lighting	1	7/044	20	31	280	"	"
" " C2/5A- " "	1	7/044	20	31	370	"	"
" " C2/6- " "	1	7/036	18	24	100	"	"
" " C2/7- " "	1	7/044	20	31	180	"	"
" " C2/8- " "	1	7/044	24	31	280	"	"
" " C2/9- " "	1	7/044	22	31	270	"	"
" " C2/10- " "	1	7/044	20	31	220	"	"
" " C2/10A Boat Lighting	1	7/044	25	31	100	"	"
" " C2/11- General Lighting	1	7/044	20	31	320	"	"
" " C2/12- " "	1	7/044	19	31	360	"	"
" " C2/13- " "	1	7/044	16	31	460	"	"
" " C2/14- General Lighting	1	7/036	12	24	235	"	"
" " C2/15- " "	1	7/036	14	24	335	"	"
" " C2/16- " "	1	7/036	15	24	375	"	"
" " C2/17- " "	1	7/036	15	24	475	"	"
Section Box. E1/1- Kraemer Separators	1	19/052	78	104	280	V.C.	"
" " E1/2- " "	1	19/052	78	104	330	"	"
" " E1/3- Factory Motors	1	19/052	64	104	220	"	"
" " E1/4- " "	1	19/052	62	104	340	"	"
S & F. Box E5/1- Factory Lighting	1	7/064	35	46	200	V.I.R.	"
" " E5/2- " "	1	7/064	35	46	310	"	"
" " E5/3- " "	1	7/064	35	46	180	"	"
" " E5/4- " "	1	7/064	35	46	300	"	"
" " E5/5- Meat House Stg.	1	7/064	15	46	330	"	"
Dist. " E5/6- Stg. Quick Freeze Plant	1	7/064	25	46	430	"	"
S & F. " E5/7- Blending Sk. Floodlts.	1	19/044	40	87	390	V.C.	"

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MOTORS.	No	B.H.P.	CONDUCTORS.		MAX. CURRENT IN AMPS.		APPROX. LENGTH L.E.R. FT.	INSULATION.	PROTECTIVE COVERING.
			No IN PARALLEL PER POLE	SECT. AREA OR DIA. OF STRANDS.	IN THE CIRCUIT.	RULE.			
Hydratory Screens.	4	3/4	1	3/029	3	5	90EA	V.I.R.	L.C.
Hoggers	2	40	1	19/083	160	191	240EA	V.C.	"
Liquor Pumps.	4	2	1	3/036	9	10	120EA	V.I.R.	"
Grax Liquor Pumps	4	2	1	3/036	9	10	90EA	"	"
Expellers	4	15	1	19/052	58.5	104	280EA	V.C.	"
Grax Expellers	4	15	1	19/052	58.5	104	320EA	"	"
Wet Vacuum Pumps.	5	12.5	1	19/044	48.7	87	340EA	"	"
Vacuum Feed Valves.	4	3	1	7/029	14.5	15	210EA	V.I.R.	"
Vacuum Disch. Valves.	4	3	1	7/029	14.5	15	150EA	"	"
Vacuum Feed & Disch. Valves.	2	1.5	1	3/036	6.7	10	180EA	"	"
Magnetic Separators.	4	1	1	3/036	4.4	10	240EA	"	"
Treatment Tubes.	4	2	1	3/036	9	10	180EA	"	"
Sterilizers.	4	5	1	7/036	23	24	180EA	"	"
Fans (Sterilizers)	4	5	1	7/036	20.3	24	135EA	"	"
Grinders.	4	75	1	37/093	289	343	120EA	V.C.	"
Mincer.	1	12.5	1	19/052	49	104	240	"	"
Coagulating Chamber.	1	1	1	3/036	5	10	120	V.I.R.	"
Coag. Chamber Fan.	1	5	1	7/036	20	24	120	"	"
Dry Slide Vac. Pump.	1	10	1	7/064	40	46	170	"	"
Extractor.	1	20	1	19/052	77	104	330	V.C.	"
Hot Water Pump.	1	1.5	1	3/036	6	10	140	V.I.R.	"
Cooling Tube	1	1	1	3/036	5	10	160	"	"
Sub. System Motors	4	1/4	1	3/029	2	5		"	"
9 1/2" Lathe.	1	2	1	3/036	8.3	10	60	"	"
8" "	1	2	1	7/029	9.1	15	64	"	"
6 1/2" "	1	1.5	1	3/036	7	10	60	"	"
6" Wood Lathe.	1	1.5	1	3/036	6.5	10	92	"	"
Double Grinder	1	1.5	1	3/036	6.8	10	32	"	"
" "	1	1	1	3/036	5.4	10	120	"	"
" " (Factory)	1	3	1	7/029	12	15	170	"	"
1 1/2" Vertical Drill	1	1.5	1	3/036	7	10	48	"	"
1" " "	1	1.5	1	3/036	6.9	10	70	"	"
Vertical Drill (Electro Shop)	1	1/2	1	3/036	3	10	104	"	"
Double Emery Wheel.	1	1	1	3/036	5	10	170	"	"
Shaping M/c.	1	2	1	3/036	8.9	10	68	"	"
Screwing M/c.	1	2	1	3/036	9	10	56	"	"
Power Hacksaw.	1	2	1	3/036	9	10	30	"	"
30" Band Saw.	1	4	1	7/036	16.4	24	60	"	"
20" Circular Saw.	1	5	1	7/036	21	24	68	"	"
Saw Sharpening M/c.	1	1	1	3/036	4.3	10	52	"	"
10" Surface Planer.	1	4	1	7/036	17	24	84	"	"
Blower Fan.	1	2	1	3/036	9	10	60	"	"
Engine Turning Motors	2	10	1	7/064	40	46	110EA	"	"
Purifiers (1 Lub. Oil. 2 Fuel Oil.)	3	8	1	7/064	32.6	46	100EA	"	"
Welding Plant.	1	-	1	19/044	50	87	180	V.C.	"
E.R. Cranes.	2	6	1	7/044	26	31	170EA	V.I.R.	"

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MOTORS.	No.	B.H.P.	CONDUCTORS.		MAX. CURRENT IN AMPS.		APPROX LENGTH L&R-FT.	INSULATION.	PROTECTIVE COVERING.
			No IN PARALLEL PER POLE	SECTION AREA OR No & DIA. OF STRANDS.	IN THE CIRCUIT	RULE.			
Refrig Compressors.	2	135	1	61/103	505	540	75 EA	V.C.	L.C.
" Brine Pump.	3	10	1	7/064	40	46	250 EA	V.I.R.	"
" S.W. Pump.	2	15	1	19/052	59	104	200 EA	V.C.	"
Factory Hoists	2	12	1	19/044	47	87	110 EA	"	"
Brine Pump	1	2 1/2	1	7/029	11	15	130	V.I.R.	"
S.W. Pump.	1	2 1/2	1	7/029	11	15	240	"	"
Dairy Rm. Fan.	1	-	1	3/036	1	10	130	"	"
Udg. Rm. Fan.	1	-	1	3/036	3	10	140	"	"
Water Cooler Compressors	2	1 1/4	1	3/036	5.8	10	40 EA	"	"
" " Pumps.	2	1	1	3/036	4.6	10	40 EA	"	"
Dom. Automatic Refrig's.	2	1/2	1	7/029	2.3	15	160 EA	"	"
" " "	2	1/2	1	3/036	2.3	10	140 EA	"	"
" " "	10	1/4	1	3/029	1.5	5	240 EA	"	"
Potato Peeler.	1	1/2	1	3/029	2.5	5	240	"	"
" "	1	1/3	1	3/029	1.8	5	100	"	"
" Chippers.	2	1/6	1	3/029	1.1	5	240 EA	"	"
Coffee Grinder.	2	1/4	1	3/029	1.7	5	170 EA	"	"
Range Blowers.	2	-	1	3/029	1.2	5	180 EA	"	"
" "	2	-	1	3/029	1.1	5	170 EA	"	"
Coffee Roasters.	2	1/4	1	3/029	1.4	5	20 EA	"	"
Dishwashing m/c.	3	1	1	3/036	4.6	10	130 EA	"	"
Dough mixer.	1	2 3/4	1	7/029	12.5	15	200	"	"
" "	1	1	1	3/036	4.6	10	200	"	"
" "	1	3/4	1	3/036	3.5	10	180	"	"
" "	1	3/4	1	3/036	3.5	10	120	"	"
Bacon Slicer.	1	1/3	1	3/029	1.6	5	120	"	"
Sausage Filling m/c.	1	1/4	1	3/029	1.4	5	130	"	"
mincing m/c.	1	1	1	3/036	4.5	10	100	"	"
Food Lift.	1	1/2	1	3/036	3	10	220	"	"
Refrig. Compressor (Domestic)	1	10	1	19/044	40	87	130	V.C.	"
Cinema Equip't.	1			SUPPLIED BY OWNERS.					"
Hydro Extractors	2	3	1	7/029	12.5	15	90	V.I.R.	"
Mangles.	2	1/2	1	3/029	2.4	5	100	"	"
Washing m/c.	2	1	1	3/036	4.4	10	90	"	"
Heater Fans.	2	.166	1	3/036	1	10	120	"	"
Sounding m/c.	1	1 1/2	1	3/036	7.5	10	150	"	"
X Ray Motor - Altr.	1	-	1	7/036	10	24	170	"	"
Winches.	2	57	1	37/072	222	245	110 EA	V.C.	"
Eng. Rm. Fans.	6	5	1	7/044	21	31	340 MAX	V.I.R.	"
Pipe Space Fans.	2	1.5	1	3/036	7	10	280 MAX	"	"
Vent Fans.	1	0.5	1	3/029	2.6	5	260	"	"
" "	3	1.5	1	3/036	6.3	10	100	"	"
" "	3	2	1	3/036	8.3	10	100	"	"
" "	4	3	1	7/029	12.3	15	160	"	"
" "	8	4	1	7/044	16.5	31	600 MAX	"	"
" "	11	4	1	7/036	16.5	24	280 MAX	"	"

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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.			
E5. Factory Lighting Forward	1	37/103.	176	385	750	V.C.	L.C.
F1. Factory Aft.	2	91/093.	931	1240	600	"	"
F2. Factory "	1	91/103.	598	738	600	"	"
F3. Factory Lighting Aft.	1	37/103	201	385	600	"	"
G1. Engine Room Power	1	37/103	354	385	240	"	"
G2. Engine Room Lighting	1	19/083	140	191	240	"	"
Radar. W.T.	1	37/103	70	385	1200	"	L.C.A.B.
Navigation - S & F Box A3/1.	1	7/044	37	42	260	"	"
Factory Pilot Lighting	1	19/064	28	135	1200	"	L.C. & L.C.A.B.
Lighting Motor Generator Supply	1	91/103.	666	738	150	"	L.C.
Section Box A1/1. Ventilation	1	19/044.	74	87	220	"	"
" " A1/2 Laundry	1	7/064	26	46	172	V.I.R.	"
" " A1/3 Ventilation	1	19/044	62	87	130	V.C.	"
" " A1/4 Bakery, etc.	1	19/044	23	87	30	"	"
" " A1/5 Galley, etc.	1	19/044.	39	87	100	"	"
" " A1/6 Dom. Refrigerators	1	7/064	32	46	250	V.I.R.	"
" " A1/7 Pantry, etc.	1	19/044	61	87	230	V.C.	"
" " A1/8 Dom. Cold Rooms	1	7/064	24	46	170	V.I.R.	"
" " A1/9 Pantry	1	7/064	30	46	200	"	"
" " A1/10 Water Cooling	1	7/036	14	24	175	"	"
Gyro Compass Switchboard.	1	7/036	20	24	160	"	"
S & F. Box A3/2 Weather Sk. Stg.	1	7/044	23	31	260	"	"
" " A3/3 Boat Stg.	1	7/036	11	24	260	"	"
Dist " A3/3A General Lighting	1	7/036	17	24	245	"	"
" " A3/4 " "	1	7/044	23	31	220	"	"
" " A3/4A. " "	1	7/044	24	31	220	"	"
" " A3/5. " "	1	7/044.	20	31.	190.	"	"

MOTOR CABLES.

ALL IMPORTANT MOTORS TO BE ENUMERATED.	No.	B.H.P.							
Kvaerner Digesters	16	25	1	19/064	97	135	320 EA	V.C.	L.C.
Kvaerner Separators	16	4	1	7/036	17	24	110 EA	V.I.R.	"
Blacksmith Hammer	1	7	1	7/044	28	31	72	"	"
Whale Oil Separators	9	6	1	7/044	24	31	100 EA.	"	"
Blue Water Separators	12	8	1	7/064	30	46	210 EA.	"	"
" " Pumps	4	1.5	1	3/036	6	10	90 EA.	"	"
Vibrating Screens	8	1.7	1	3/036	6.8	10	90 EA.	"	"
Brushing M/Cs.	2	1	1	3/036	5	10	120 EA.	"	"
Separator R.M. Fans	2	0.5	1	3/029	2.6	5	110 EA.	"	"
Raw meat Elevators	2	5	1	7/036	21	24	116 EA.	"	"
Expelled meat Elevators	4	5	1	7/036	21	24	68 EA.	"	"
Dried meat Elevators	2	3	1	7/029	12.5	15	130 EA.	"	"
Cooled " "	2	3	1	7/029	12.5	15	111 EA.	"	"
Elevators	2	3	1	7/029	12.5	15	108 EA.	"	"
Hogged meat conveyors	2	3	1	7/029	12.5	15	210 EA.	"	"
Expelled " "	4	3	1	7/029	12.5	15	100 EA.	"	"
Dried meal " "	2	5	1	7/036	19.8	24	104 EA.	"	"
" " conveyor extension	2	0.5	1	3/029	2.4	5	180 EA.	"	"
Dried meal to boiler conveyors	2	3	1	7/029	12.5	15	112 EA.	"	"
Cooled meal conveyors	2	3	1	7/029	12.5	15	136 EA.	"	"
conveyor	1	1/2	1	3/029	2.4	5	140	"	"
conveyors	4	3	1	7/029	12.5	15	160 EA.	"	"
conveyors	2	2	1	3/036	9	10	140 EA	"	"
Sack conveyors (200)	1	7.5	1	7/044	30	31	420.	"	"
" " (60)	1	5	1	7/036	20	24	180	"	"
" " (70)	1	5	1	7/036	20	24	240	"	"
conveyors to Packers	2	3	1	7/029	12.5	15	116 EA	"	"
Packer & Weigher	1	2	1	3/036	9	10	180	"	"
Weighing M/Cs	2	2	1	3/036	9	10	150 EA	"	"
Extracted meal Drier	1	5	1	7/036	20.3	24	100	"	"
Fan for Extracted Drier	1	5	1	7/036	20.3	24	96	"	"
Drier	5	20	1	19/052	85	104	300 EA	V.C.	"
Dried meal coolers	2	7.5	1	7/064	30	46	360 EA	V.I.R.	"
Vibrating Screens (Treated meat)	4	4	1	7/036	16	24	140 EA	"	"
" " (Foots)	2	4	1	7/036	16	24	130 EA	"	"
" "	2	4	1	7/036	16	24	90 EA.	"	"

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.

HARLAND & WOLFF
LIMITED

16 OCT 1951

Shipbuilders and Engineers
BELFAST

Electrical Contractors.

Date

16-10-51

COMPASSES.

Have the compasses been adjusted under working conditions

HARLAND & WOLFF
LIMITED

16 OCT 1951

Shipbuilders and Engineers
BELFAST

Builder's Signature.

Date

16.10.51

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

Is this installation a duplicate of a previous case.....No If so, state name of vessel.....

Plans. Are approved plans forwarded herewith.....YES SEE BELOW 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, whether insulation tests, etc., have been made, opinions as to class, etc.)

The electrical equipment of this vessel has been fitted on board under special survey, tested under full working conditions and found satisfactory. Materials and workmanship are good.

58191A. PLAN OF SWITCHBOARD.

58192. PLAN OF WIRING.

58347 SCHEMATIC ARRANGEMENT.

Noted (WOL) 18.11.51

Generators 2245 Kilowatts.

... £ 188 : 2/6 :

When applied for,

27. 11. 1951

When received,

19

any £ — : — :

R. J. Hurrell

Surveyor to Lloyd's Register of Shipping.

FRI 21 DEC 1951

F.E. Mchly npt.



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Foundation