

SHIP No. 411. ( "UA PLATA MARU" )

SPARE GEAR OF DECK MACHINERIES.



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Particulars and Spare Gears of

Deck Machineries.

I. Electric Windlass.

Spare gears.

1 set.	Bush for drum shaft.
1 set	Gear case gland rings.
1 set.	Bush for worm shaft.
1 only.	Spare armature.
1 set.	Brushes.
2 set.	Brushes holder spring.
2 set.	Spring for controller, switch box &c.
2 pieces.	Spare resistance.
1 set.	Fuse and pilot lamp for switch box.
1 set.	Contacto <sup>r</sup> piece.

II. Steering Gear.

List of Spare gears.

Hydraulic spares.

4 only.	Springs for relief valve.
1 only.	Relief valve.
64 ft.	Hydraulic packing.
1 set	Spanners.

Motor Spare.

1 set.	Spare armature.
1 set.	Brushes.



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(Steering gear Cont'd)

- 1 line. Brush holders.
- 1 set. Brush springs.
- 1 set. Bearings for armature shaft.
- 2 only. Oil rings.

Starter spares.

- 1 set. Renewable contacts.
- 1 pair Main control brushes.
- 6 only. Carbon roller sparking contacts.

Switch box and Fuse spares.

- 1 set. Fuses.
- 1 Set. Spring af for switches.

Variable Delivery pump spares.

- 1 only. Piston socket bush.
- 1 " ~~Connecting rod~~ Piston.
- 1 " Connecting rod.
- 1 " Piston cap.
- 1 " Ring socket cap.
- 1 " Replenishing valve ball.
- 2 " Barrel springs.
- 2 " Springs for relief valves.
- 4 sets. Packing.
- 1 set. Special tools ( in box.)



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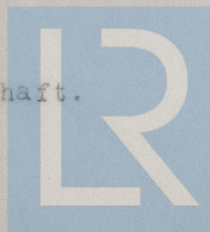
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(Steering gear Cont'd)

Telemotor Spares.

1 only. Spring for receiving cylinder  
1 " Spring for Inlet valve.  
1 " Spring for Outlet valve.  
2 " Cap leathers.  
2 " Spring rings for holding out cup leathers.  
1 glass. for Charging tank.  
1 only. Glycerometer.  
1 " Thermometer.  
1 " Charging valve spring.  
1 " Air valve for receiving cylinder.  
4 " Crown metal joints for pipe couplings.  
1 box. 18 ft. of special telemotor packing.  
1 joint. Transmitter cylinder cover.  
1 " Pinion shaft bush.  
1 " Bypass valve seat.  
1 " " casing.  
1 " Inlet valve face.  
1 " Combined relief and inlet valve.  
1 " Gear case drain plug.  
1 " Plug in bypass casing.  
1 only. Rack supporting pin.  
3 length. 16ft. copper pipe with coupling.  
3 gallons. Glycerine in drum.  
1 only. Plug bush for pinion shaft.



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### III. Electric Winch.

<u>Spare gears.</u>	<u>Cargo winch.</u>	<u>Warping winch.</u>
Drum shaft bushes.	4 sets.	1 set.
Worm shaft bushes	4 "	1 "
Gear case gland rings	4 "	1 "
Brake lining	4 "	--
Spring for foot brake	4 "	--
Roller bearings	2 "	1 set.
Small thrust collars	2 only.	1 only.
Spare armature	3 "	--
Field coils.	2 only.	--
Brushes	3 sets.	1 set.
Brush holder spring	2 "	$\frac{1}{2}$ "
Springs for controller switch box &c.	2 "	$\frac{1}{2}$ "
Resistance coil for the above	1 "	--
Oil rings	2 "	1 set.
Fuse for switch box.	3 "	1 "
Interpole coil	2 only.	--
Spring for magnetic brake	4 sets.	1 set.

### IV. Refrigerating Machine.

#### Spare gears.

Refrigerating machine 1 set as spare for ordinary condition.

Spare gear for mechanical parts.

1 pair	Main bearing brasses.
1 "	Brank pin brasses.
1 "	Cross head pin brasses.
1 set.	Compressor piston with rod and rings, complete.

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( Refrigerating Machine - Cont'd.)

2 set.      Packing rings for compressor piston.  
2    "      Compressor delivery valves with seats and spring.  
2    "      Compressor suction valves with seats and springs.  
18 off.     Spring for compressor valves.  
18 off.     Safety valve discs.  
2 off.      Safety valve springs.  
1 set.      Brine pump & circulating pump valve and springs.  
30 off.     Flange couplings and joints for Brine grids.  
1 off.      Condenser pressure gauge.  
1 off      Evaporator pressure gauge.  
1 off.      Gas separator pressure gauge.  
5 off.      Brase cased thermometer.  
5 sets.     Leather packings.  
1 set.      Copper joint rings.

Washing Machine.

Spare gears of Motor.

2 pieces.   Bearing metals.  
4    "      Oil rings.  
4    "      Carbon brushes.  
4    "      B rush springs.  
2    "      Springs for starter.  
4    "      "      "      switch box.  
2    "      Fuses.  
1 box.      Tool box.



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Hydro-Extractor

Spare gears of Motor.

1 sets. Brushes.

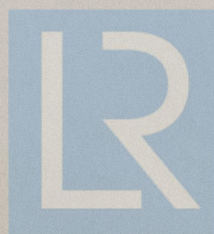
$\frac{1}{2}$  Sets. Brush holder spring & other spring.

1 set. Fuses.

IV (Refrigerating Machine- Cten'd )

Spare gears for motor

	<u>Compressor Motor.</u>	<u>Brine Pump Motor</u>
Armature.	1 off	1 off.
Brushes	1 set.	1 set.
Brush springs	1 set.	1 set.
Oil rings	1 set.	1 set.
Bearing metals	1 set.	1 set.
Fuses of each size	1 set	1 set.



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