

Lin 95531  
red 18/6/29

S P A R E      G E A R.

FOR

S. S. "PEVERIL" ENG. NO. 957

E.S. = Engine Shop and Stores.

D.O. = Drawing Office

B.S. = Boiler shop and stores.



ENGINE ESTIMATING DEPT



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SPARE GEAR.

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1.

- D.O. 1 pair Crosshead brasses, complete (in halves)
- D.O. 1 pair Connecting rod brasses, complete (in halves)
- " 2 pairs Eccentric straps, complete (in halves)
- " 2 main bearing bolts,  $2\frac{1}{2}$  ins. dia.  $3\frac{1}{2}$  -  $2\frac{1}{16}$ " overall length with cap nuts and bottom nuts.
- " 2 crosshead bolts,  $2\frac{3}{4}$  ins. dia. -  $16\frac{1}{2}$  ins. overall length, with nuts.
- " 2 connecting rod bolts,  $2\frac{3}{4}$  ins. dia. -  $23\frac{3}{8}$  ins. overall length, with nuts.
- " 4 eccentric strap bolts,  $1\frac{3}{8}$  ins. dia. -  $18\frac{9}{16}$  ins. overall length, with nuts and lock-nuts.
- " 8 shaft coupling bolts,  $1\frac{7}{8}$  ins. Whit.  $8\frac{3}{8}$  ins. overall length with nuts.
- " 1 air pump bucket complete with liner, spindle, top nut, bottom nut and stop plate.
- " 1 set air pump head valve discs (3 in number)
- " 1 valve
- " 1 " seat } for bilge and sanitary pumps
- " 1 " guard } on main engine.
- " 1 " stud with nut }
- " 50 condenser tubes
- " 100 " ferrules
- E.S. 100 sets condenser tube packing
- D.O. 1 propeller
- E.S. 150 iron bolts, nuts and washers, assorted.
- " 12 brass bolts and nuts, assorted.
- B.S. Iron, various sizes.
- D.O. 18 boiler tubes, plain.
- " 6 " " stay.
- " 32 firebars.
- " 4 wing bars (2 right hand, 2 left hand)

Cast Iron patterns.

- " 1 firebar.
- " 1 back bearer
- " 3 baffle plates
- " 1 channel plate.



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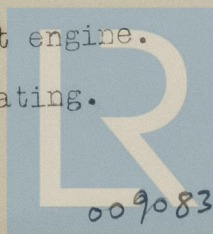
2.

STEEL HELICAL SPRINGS

|      |   |  |  |
|------|---|--|--|
| D.O. | 2 | for boiler safety valves   |  |
| "    | 1 | H.P. cyl. escape valve, 2 <sup>9</sup> / <sub>32</sub> " dia.                    | 6 <sup>11</sup> / <sub>64</sub> " long, 10 free coils. |
| "    | 1 | I.L. " " " 2 <sup>7</sup> / <sub>8</sub> " " "                                   | 6 <sup>5</sup> / <sub>64</sub> " long, 9 free coils.   |
| "    | 1 | L.P. " " " 2 <sup>33</sup> / <sub>64</sub> " " "                                 | 5 <sup>7</sup> / <sub>64</sub> " long, 9 free coils.   |
| "    | 1 | Bilge Pump " " 1 <sup>37</sup> / <sub>64</sub> " " "                             | 3 <sup>1</sup> / <sub>2</sub> " long, 8 free coils.    |
| "    | 1 | plummer block deflectors .742" dia.  | 1 <sup>15</sup> / <sub>16</sub> " long, 9 free coils.  |
| "    | 1 | Atmospheric relief valve 4 <sup>15</sup> / <sub>32</sub> " dia.                  | 7 <sup>5</sup> / <sub>16</sub> " long, 9 free coils.   |
| "    | 1 | Feed pump suction fr. blr (sentinel valve) .947" dia.                            | 1 <sup>3</sup> / <sub>4</sub> " long, 7 free coils.    |
| "    | 1 | General service pump discharge relief valve 2 <sup>1</sup> / <sub>3</sub> " dia. | 6 <sup>1</sup> / <sub>2</sub> " long, 11 free coils.   |
| "    | 1 | Auxiliary feed discharge line relief valve, 2.72" dia.                           | 10" long, 12 free coils.                               |
| "    | 1 | Steam to deck machinery - Escape valve.  |  |
| "    | 1 | " " steering engine, " "   |  |
| "    | 1 | " " After deck machinery, " "  |  |
| "    | 1 | Steam to Low pressure Auxiliaries, Escape valve.                                 |  |
| "    | 1 | " " " Dynamo " "   |  |
| "    | 1 | " " " Ash hoist engine " "   |  |
| "    | 1 | " " " Cabin heating " "  |  |

RUBBER DIAPHRAGM DISCS FOR REDUCING VALVES.

|   |   |                               |  |
|---|---|-------------------------------|--|
| " | 1 | for steam to deck machinery.  |  |
| " | 1 | " " steering engine.          |  |
| " | 1 | " " after deck machinery.     |  |
| " | 1 | " " low pressure auxiliaries. |  |
| " | 1 | " " " dynamo " "              |  |
| " | 1 | " " " ash hoist engine " "    |  |
| " | 1 | " " " cabin heating " "       |  |



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SHAPE GEAR

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FOR MAIN FEED PUMPS (G. & J. WEIR LTD)

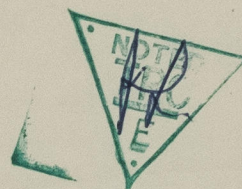
- D.O. 2 suction valves complete with seats, guards and springs.  
 " 2 delivery " " " " " " "

FOR GENERAL SERVICE PUMP (J.H. CARRUTHERS & CO.LTD).

- " 8 valves.  
 " 4 suction valve seats.  
 " 4 delivery " "

FOR BILGE PUMP (J.H. CARRUTHERS & CO.LTD).

- " 8 valves.  
 " 4 suction valve seats  
 " 4 delivery " "

FOR CIRCULATING PUMP (W.H. ALLEN, SONS & CO.)

- " 1 impeller, gunmetal.  
 " 1 pump spindle, mang. bronze.  
 " 1 spring for relief valve.

FOR FORCED DRAUGHT FAN AND ENGINE (MATTHEW PAUL & CO.LTD.)

- " 1 spring for relief valve.

FOR FEED WATER FILTER (HOCKING & CO.LTD.)

- " 2 filtering cartridges, brass, complete with fibre etc.  
 packed ready for use.  
 " 1 spring for safety valve.



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