

|    |   |  |       |       |       |   |       |       |       |       |        |        |        |
|----|---|--|-------|-------|-------|---|-------|-------|-------|-------|--------|--------|--------|
| 12 | STABBOARD MAIN ENGINE                                     | No. 1  | No. 2 | No. 3 | No. 4 | No. 5   | No. 6 | No. 7 | No. 8 | No. 9 | No. 10 | No. 11 | No. 12 |
|    | Cylinders, Pistons, Rods, Valves and Gears <sup>1-2</sup> | 9/61   | 4/62  | 3/62  | 1/62  | CHAIN DRIVE 2/64                                |       |       |       |       |        |        |        |
|    | Connecting Rods, Top ends and Guides <sup>3</sup>         | 8/63   | 2/63  | 12/63 | 7/63  |   |       |       |       |       |        |        |        |
|    |   | 8/63   | 2/63  | 12/63 | 7/63  |   |       |       |       |       |        |        |        |
|    | Crankpins and Bearings <sup>4</sup>                       | 9/61   | 4/62  | 2/61  | 2/60  |   |       |       |       |       |        |        |        |
|    |   | 9/61   | 4/62  | 2/61  | 2/60  |   |       |       |       |       |        |        |        |
|    | Journals and Bearings <sup>5</sup>                        | 12/61  | 12/61 | 12/63 | 7/63  | 3/64 6/62 (Thrust and intermediate shafts) 4/64 |       |       |       |       |        |        |        |
|    | Compressors on Main Engine <sup>6-9</sup>                 |  |       |       |       |   |       |       |       |       |        |        |        |
|    | Scavenge Pumps or Blowers <sup>11-16</sup>                | 1/61   |       |       |       |   |       |       |       |       |        |        |        |
|    | Supercharger <sup>17</sup>                                |  |       |       |       |   |       |       |       |       |        |        |        |
|    | Clutch or Hydraulic Coupling <sup>21</sup>                |  |       |       |       |   |       |       |       |       |        |        |        |
|    | Magnetic Coupling <sup>7</sup>                            |  |       |       |       |   |       |       |       |       |        |        |        |
|    | Thrust <sup>23</sup>                                      | 6/62   |       |       |       |   |       |       |       |       |        |        |        |
|    | Holding Down Bolts & Chocks <sup>25</sup>                 | 5/64   |       |       |       |   |       |       |       |       |        |        |        |
|    | Main Engine Driven Pumps <sup>30</sup>                    | Bilge S.W. Cooling (1) 1/61 2/64 F.W. Cooling (1) 11/61 Lub. Oil (1) 11/61 Fuel (1) 5/64 |       |       |       |   |       |       |       |       |        |        |        |
|    | Bilge (1) P.S. 12/63                                      | Ballast (1) P.S. 11/62   |       |       |       |   |       |       |       |       |        |        |        |
|    | P.F. 2/63 (oil 63)  | Fuel Transfer (1) P.S. 10/63   |       |       |       |   |       |       |       |       |        |        |        |
|    | Cyl. Cooling  | Lub. Oil (1) P.S. 10/63  |       |       |       |   |       |       |       |       |        |        |        |
|    | Feed (2) Outlets - 2/61                                   | Fuel Valve Cooling (2) P. 6/63 AGF 2/63  |       |       |       |   |       |       |       |       |        |        |        |
|    | Cond. Circulating   | F.W. Coolers <sup>35</sup> (1) 2/60 3/64   |       |       |       |   |       |       |       |       |        |        |        |
|    | Other Pumps having Bilge Connections                      | G.S. 1. 2/63 (see bilge)   |       |       |       |   |       |       |       |       |        |        |        |
|    | Bilge, Ballast and O.F. Lines <sup>33</sup>               | SA pipes 5/64  |       |       |       |   |       |       |       |       |        |        |        |
|    | Other Piping Arrgts. and Fittings <sup>34</sup>           | Propellers and Sea Connections Inlets 7/63 Discharges 5/64                               |       |       |       |   |       |       |       |       |        |        |        |
|    | Condenser <sup>26</sup>                                   | 2/60 3/64 Evaporator <sup>42</sup> Safety Valves <sup>43</sup> Erect SV's 8/63 SV 5/64   |       |       |       |   |       |       |       |       |        |        |        |
|    | Oil Fuel Tanks <sup>44</sup>                              | Settling Tank (SS) S. Daily Serv. T. 11/62 P.O.D.S. 2/63 B.R.F. 7/63                     |       |       |       |   |       |       |       |       |        |        |        |
|    | Steering Machy. <sup>44</sup>                             | 5/64 Windlass <sup>45</sup> 5/64   |       |       |       |   |       |       |       |       |        |        |        |
|    | Indep. Air Compressors <sup>38</sup>                      | 2 S.O. 10/63 S.F. 12/63  |       |       |       |   |       |       |       |       |        |        |        |
|    | Main Air Receivers <sup>39</sup>                          | (2) S. inner 12/63 S. outer 6/63   |       |       |       |   |       |       |       |       |        |        |        |
|    | AUXILIARY ENGINES   | S.F. 1/61 S.F. 8/63 S.A. (3) 6-63 P. 12/63   |       |       |       |   |       |       |       |       |        |        |        |
|    | 3 - 80 KW   |  |       |       |       |   |       |       |       |       |        |        |        |
|    | 1 - 35  |  |       |       |       |   |       |       |       |       |        |        |        |
|    | Elect Inst 5/64   |  |       |       |       |   |       |       |       |       |        |        |        |
|    | SW cooling 8/63   |  |       |       |       |   |       |       |       |       |        |        |        |

