# SELMA 2 MAPPED SYSTEMS

**Legend:**
- R: Replacement of component
- I: Inspection (visual inspection, correction and replacement if needed)
- P: Performance of on-site work (commissioning, tests, measurements, etc.)

## Years from start-up

<table>
<thead>
<tr>
<th>Years from start-up</th>
<th>0</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
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<th>17</th>
<th>18</th>
<th>19</th>
<th>20</th>
<th>21</th>
<th>22</th>
</tr>
</thead>
</table>

### Operation Station

- **Visual inspection**
  - Yearly: R
  - One-yearly: I
  - Two-yearly: P
- **Mechanical joints**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P
- **Key board overlay**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P
- **Output device**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P
- **Inspection of disk station/stations**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P
- **Operate system function test**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P
- **System backup**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P

### SELMA 2 cabinet

- **Visual inspection**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P
- **Mechanical joints**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P
- **Main power supply (UPS)**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P
- **Auxiliary voltages**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P
- **Power supply unit**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P
- **Cooling fan unit**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P
- **Batteries on SELMA boards**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P
- **Fan on SELMA**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P
- **Cleaning/ change of fan filter**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P
- **Cleanliness of SELMA racks**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P

### Battery

- **Visual inspection**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P
- **Mechanical joints**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P
- **Auxiliary voltages**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P
- **Water levels of batteries**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P

### Cooling system

- **Visual inspection**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P
- **Mechanical joints**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P
- **Cleaning/ change of fan filter**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P

### Parameters

- **Inspection and change**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P
- **Backing-up the parameters from programs to EEPROM**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P

### M-Unit (DG automatic)

- **Checking the panels**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P
- **Switch function inspection**
  - Yearly: R
  - Three-yearly: I
  - Four-yearly: P
### Maintenance Schedule

<table>
<thead>
<tr>
<th>Updates in Electric Repair Center</th>
<th>Years from start-up</th>
</tr>
</thead>
<tbody>
<tr>
<td>Change the capacitors of power units</td>
<td>0 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22</td>
</tr>
<tr>
<td>Improvements</td>
<td></td>
</tr>
<tr>
<td>SW / HW upgrade to improve performance if necessary</td>
<td></td>
</tr>
<tr>
<td>ABB VideoPrint</td>
<td></td>
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<tr>
<td>SELMA 2 modbus</td>
<td></td>
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<tr>
<td>Electrical interface RS232</td>
<td></td>
</tr>
<tr>
<td>Spare Parts</td>
<td></td>
</tr>
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<td>Spare parts</td>
<td></td>
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</tbody>
</table>

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