Deficiencies:

<table>
<thead>
<tr>
<th>Code - Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>15102 - Company responsibility and authority</td>
<td>Objective evidence discovered during the expanded ISM exam revealed the following major non-conformities; the vessel failed to fully implement the requirements of the ISM code through their SMS procedures as evidence by following identified deficiencies: 1-4. These non-conformities, taken with the remaining deficiencies discovered during the exam are evidence that the company is not meeting the SMS requirements. An external audit is recommended.</td>
</tr>
<tr>
<td>13199 - Other (machinery)</td>
<td>A main source of electrical power of sufficient capacity to supply all those services mentioned in regulation 40.1.1 shall be provided. This main source of electrical power shall consist of at least two generating sets. Two of the three main generators on the vessel are non-operational. The number one generator has been broken since 11JAN2020 and the number two generator has been broken since 03JUN2019.</td>
</tr>
<tr>
<td>04114 - Emergency source of power - Emergency generator</td>
<td>Provided that suitable measures are taken for safe guarding independent emergency operation under all circumstances, the emergency generator may be used, exceptionally, and for short periods, to supply non-emergency circuits. The vessel has been using their emergency generator as their main power source due to two of the three generators being broken as of 03JUN2019 and 11JAN2020.</td>
</tr>
<tr>
<td>07113 - Fire pumps and its pipes</td>
<td>Each of the required fire pumps... shall in any event be capable of delivering at least the two required jets of water. Each of the vessel required fire pumps are not able to deliver the required two jets of water independently due to malfunctioning impellers. Vessel has to run both pumps simultaneously to supply enough pressure. Additionally the fire main on deck has an approximately 1 inch crack leading to an additional loss of pressure.</td>
</tr>
</tbody>
</table>
Any ship of 400 gross tonnage and above… shall be fitted with oil filtering equipment. Vessel's oily water separator has not been used since 17JUL2019 due to a bad seal and pump and on 29DEC2019 vessel reported the oil monitoring device was also malfunctioning. Vessel has replaced the seal and pump and is waiting for the OMD to be replaced.