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Troubleshooting

EMCP 3

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i02464635

Service Maintenance Interval Warning

SMCS - 4490

System Operation Description:

A Service Maintenance Interval Warning event is detected when the number of engine hours or the number of days since the previous alarm occurrence was reset exceeds the number of hours or days specified by the Service Interval Setpoints. Once the event is active, it will not become inactive until a Reset Service Interval Counter Command is received over the data link or from the display.

Conditions Which Generate This Code:

The Service Maintenance Interval code is generated when the EMCP 3 determines a need for engine service based on engine hours or the number of days since last service, whichever occurs first.

Test Step 1. Talk to the Operator

- A. Determine the conditions that caused the diagnostic code.

Expected Result:

Genset maintenance records indicate that the maintenance interval has been exceeded and maintenance is required

Results:

- **OK** - Records indicate service is required. Perform the required maintenance and reset the Service Maintenance Interval in order to indicate when the genset will need to be serviced again.**STOP**
- **NOT OK** - Records indicate service is not required. Proceed to Test Step 2

Test Step 2. CHECK THE SETPOINTS.

- A. View the setpoints (Service Maintenance Interval Hours), and (Service Maintenance Interval

Days) and make note of the setpoints. See Testing and Adjusting, "Electronic Control Module (Generator Set) - Configure". Compare the setpoints against the default setpoints of the particular generator set.

Expected Result:

The setpoints are correct for your particular genset and application.

Results:

- **OK** - The setpoints are correct for your particular genset and application.

Repair: It is possible the Service Maintenance Interval was not reset when the genset was last serviced. Reset the Service Maintenance Interval in order to indicate when the genset will need to be serviced again. Resume normal operation.

STOP

- **NOT OK** - The setpoints are NOT correct for your particular genset and application.

Repair: Reprogram the setpoints. Reset the genset. Resume normal operation and verify that the problem has been corrected.

STOP