

OpenLCB Checking Implementor Questionnaire

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1 Introduction

Some information about construction of the node being checked can't readily be obtained from active checks on the LCC bus. Some information is needed to make those active checks effective. This questionnaire is meant to deal with both of those by getting specific implementation details from the device implementer. It should be filled out with details from the specific device being checked. It's divided into sections corresponding to the specific check plans.

Please feel free to add extra pages as needed.

2 Unique IDs

1. What is the Unique ID(s) of the node being checked?
2. Was the Unique ID(s) assigned from a range under the control of the implementor? Which?
3. Does the implementor assign different Unique IDs to individual nodes?

3 CAN Physical Layer

1. Does the device use standard CAN transceiver(s) from recognized vendors?
2. Does the device use standard CAN controller(s) from recognized vendors?
3. If the device has more than two LCC jacks, how are they to be used?

4 CAN Frame Transfer Layer

1. Does the device use the recommended algorithm for generating alias values?

- (a) If not, please describe how the node meets the requirements of the CAN Frame Level Standard

5 Message Transport Layer

6 Simple Node Information Protocol

6.1 Simple Node Information Protocol Producers

6.2 Simple Node Information Protocol Consumers

1. Does the device properly decode future versions of the SNIP information? (See Section 5.2 of the Standard.)

7 CDI

7.1 CDI Producers

7.2 CDI Consumers

1. Does the device decode and display all the element types in section 5.1 of the Standard?
2. Does the device properly handle additional, unknown elements? (See Section 6 of the Standard)