



OpenLCB Technical Note	
OpenLCB-CAN Event Transport	
Jul 23, 2011	Preliminary

1 Introduction

This explanatory note contains informative discussion and background for the corresponding “OpenLCB CAN Event Transport Specification”. This explanation is not normative in any way.

2 Annotations to the Specification

5 This section provides background information on corresponding sections of the Specification document. It's expected that two documents will be read together.

2.1 Introduction

2.2 References and Context

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Below this is just a collection of pieces from other docs right now.

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For monitoring purposes, it was proposed that a PCER message carry a sequence number which increments each time the associated P/C Event ID is sent. It is not at all clear how to do this across nodes, or even across Producers within a single node, as there may be more than one thing that can cause the same P/C Event ID to be sent by a single board;. We decided this would cause more problems than it solved, and omitted it.

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There's not room in a CAN frame for both a destination NID and a EID. The protocol has therefore been constructed so that any message carrying an EID (and that isn't a datagram) is globally addressed.

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