



OpenLCB Technical Note	
OpenLCB-CAN Event Transport	
May 29, 2012	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

10

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

15

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.

20

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.

Table of Contents

1 Introduction.....	1
2 Annotations to the Specification.....	1

2.1 Introduction.....	1
2.2 References and Context.....	1

DRAFT