BUSMASTER – CAN FD Add-On

❖ Introduction

  BUSMASTER CAN FD Add-On supports measurement and simulation of CAN FD frames and signals.

❖ Features Supported

  ▪ Database support

  ▪ Hardware support

    ▪ ETAS BOA v2.12 (ES582.1, ES523)

    ▪ Vector hardware (VN1610, VN1611, VN1630)

    ▪ Channel configuration with CANFD parameters

      ▪ ISO and Non-ISO mode support

  ▪ Transmit Window

    ▪ Support up to 64 bytes

  ▪ Message Window

  ▪ Node Simulation

  ▪ Logging

  ▪ Filters

  ▪ Replay

  ▪ Network Statistics

  ▪ Signal Watch

  ▪ Signal Graph

❖ Installation [Latest Version – 1.1.0]

  CAN FD support in BUSMASTER is available as a commercial Add-On

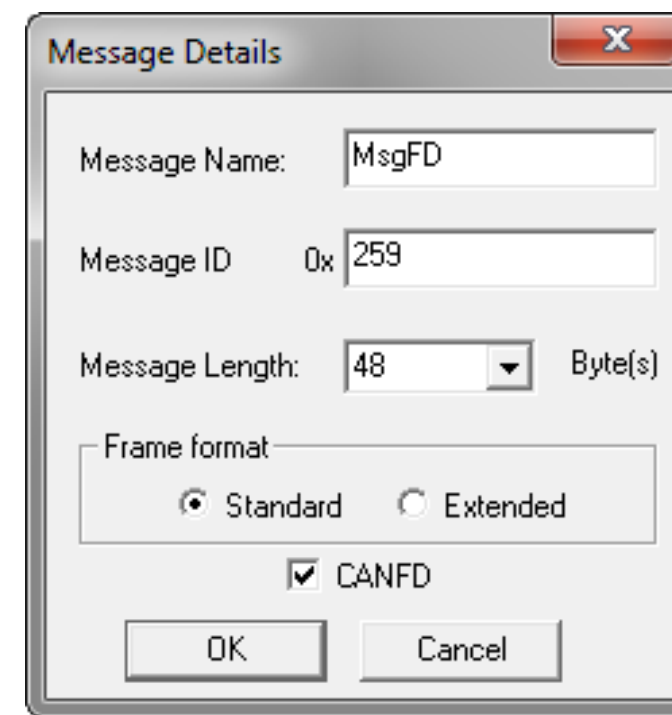 CAN FD v1.1.0 Add-On works on top of open source v3.2.1

  For further details, please contact E-mail: BUSMASTER@in.bosch.com
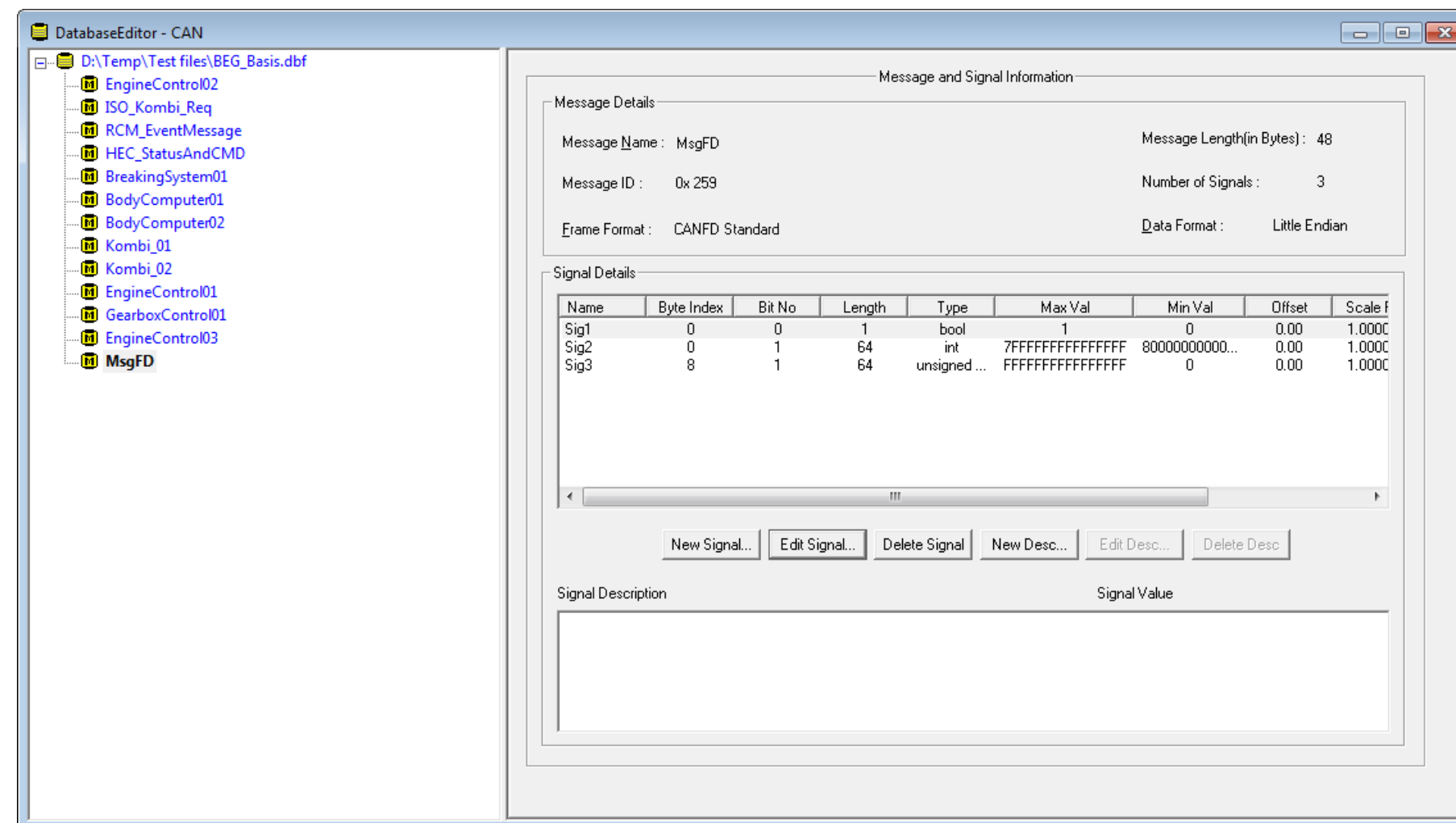
❖ Database

  BusMaster Database supports CAN FD frames

  - CAN FD option

  - Length up to 64 bytes

❖ Signal creation
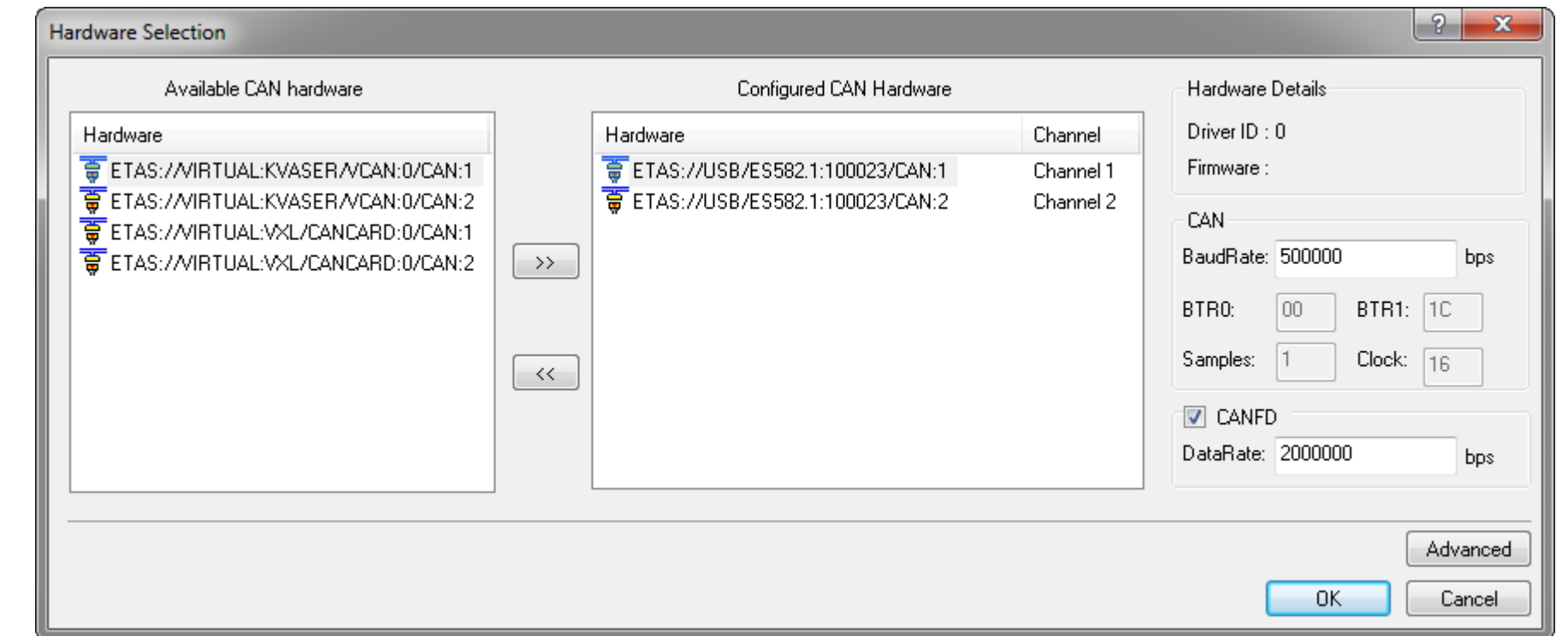
  - Multiple signals up to 64 bytes
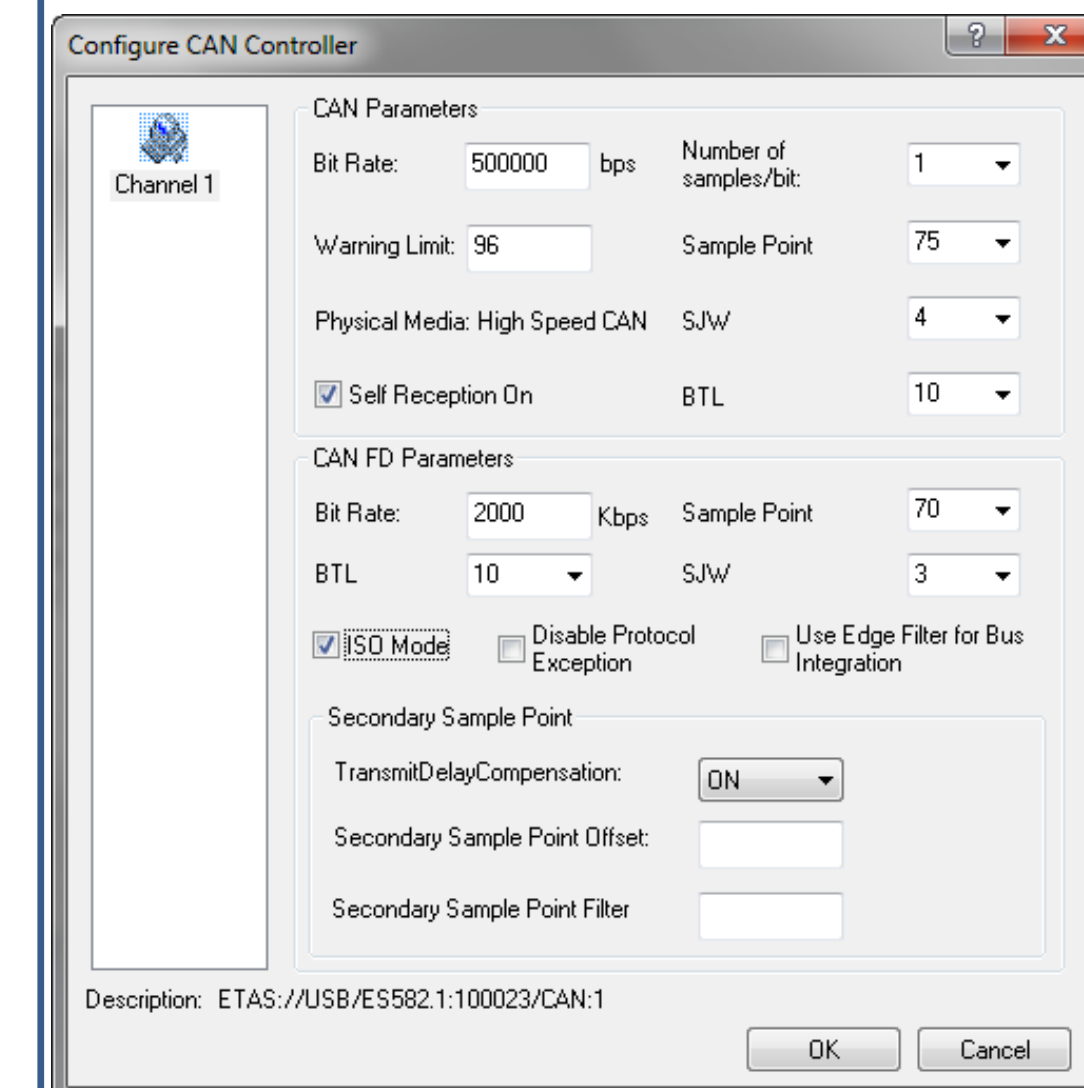
  - All other CAN signal parameters available

❖ Hardware channel configuration

  Option to select CAN FD variable data rate

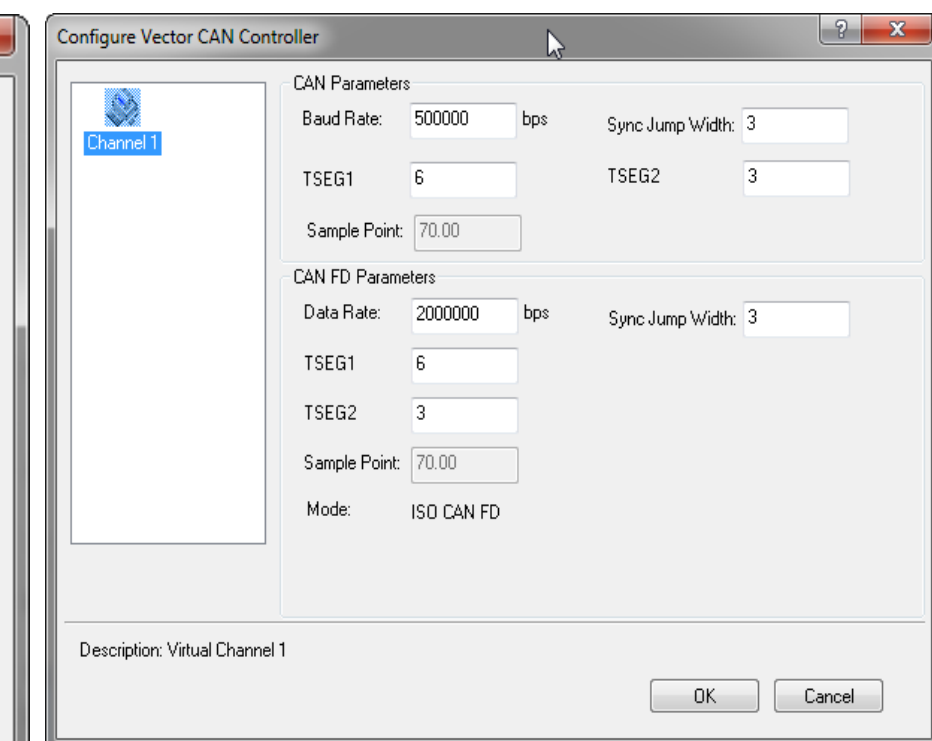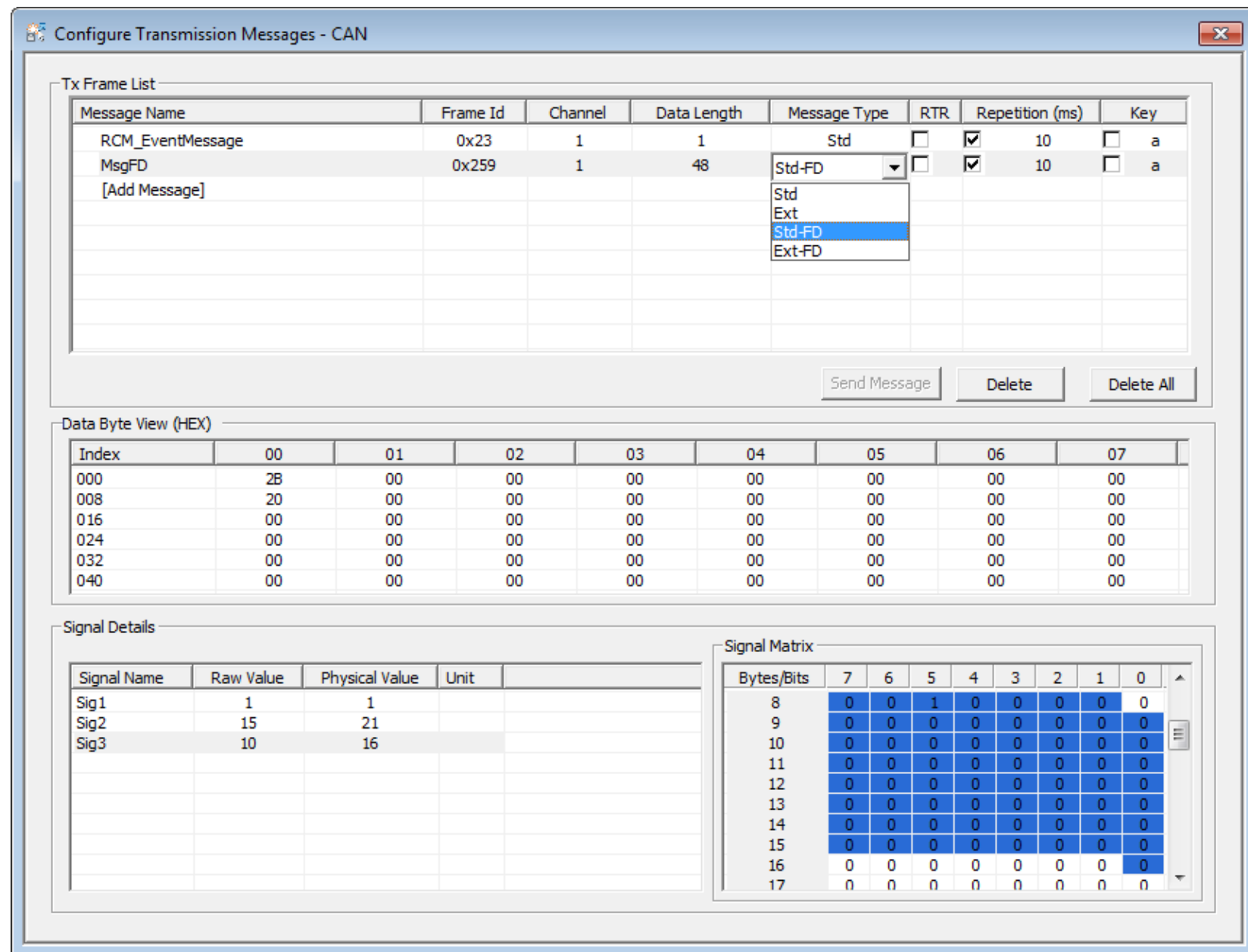❖ Hardware channel configuration for CAN FD Parameters

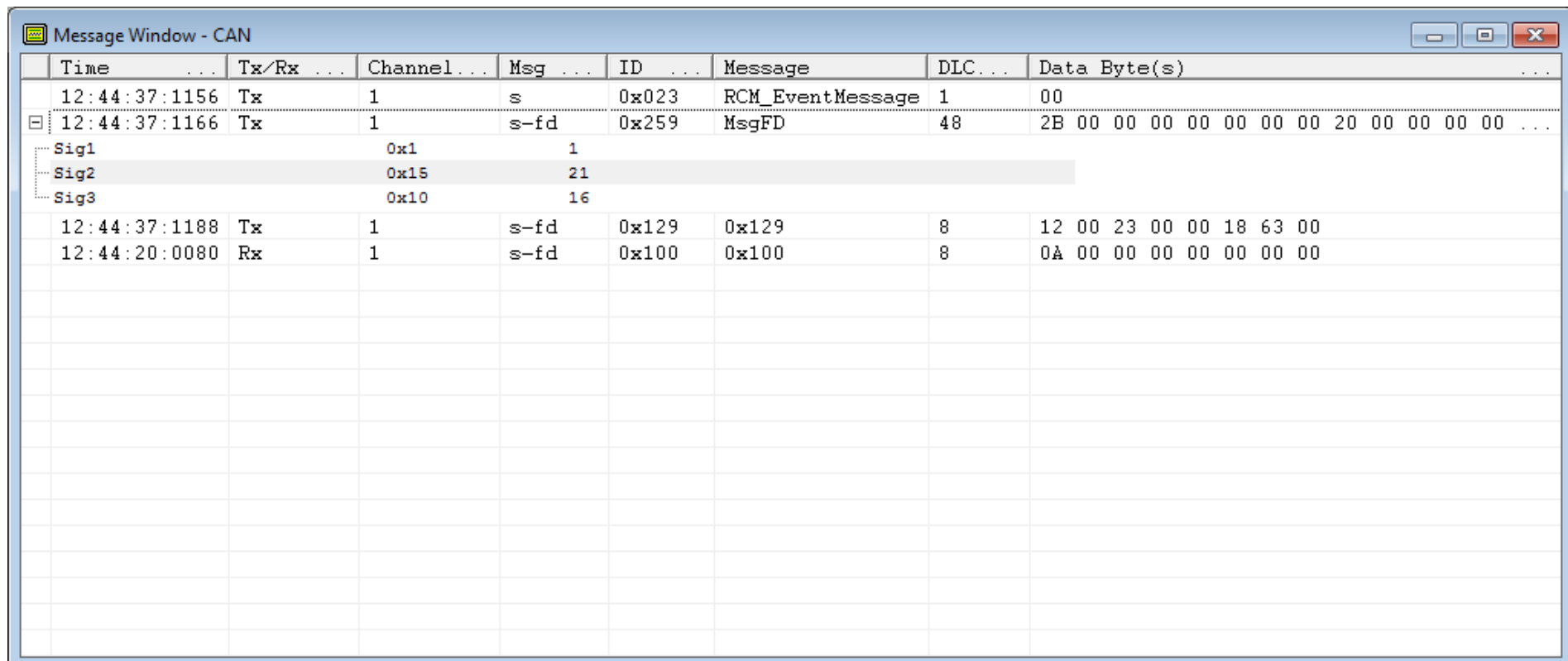**ETAS Hardware**   **Vector Hardware**

❖ Transmit Window

- Support for standard, extended, standard-fd and extended-fd frames

- Signal matrix for 64 bytes

❖ Message Window

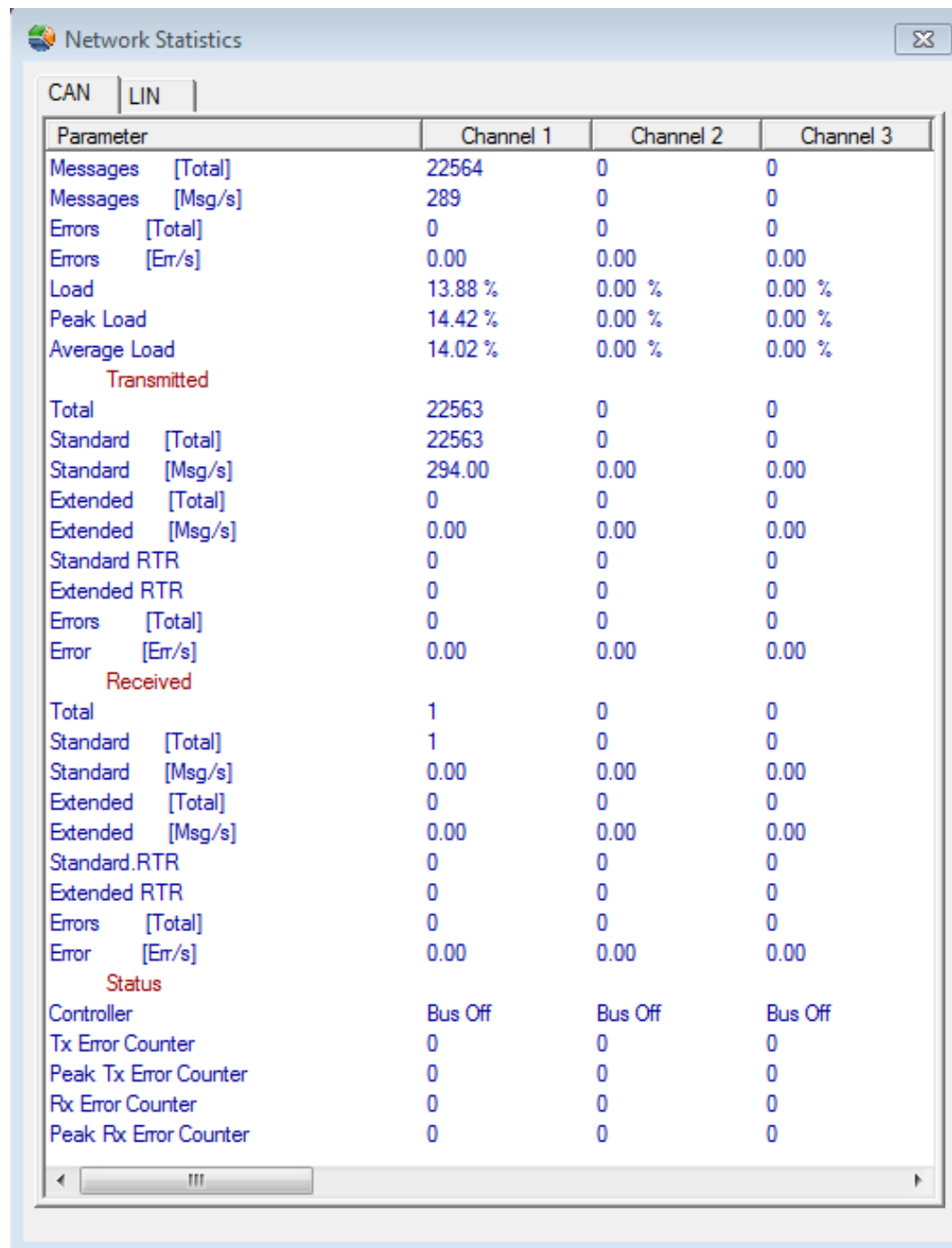- Displays CAN FD frames

❖ Network Statistics

Displays CAN FD bus statistics like number of frames transmitted and received, error frames, bus load etc.,

❖ Signal Watch

Analyze selected signal's Raw and Physical values

❖ Signal Graph

Signal plotting for the configured signals

❖ Logging

Configure log files to log CAN FD Frame's transmitted or received
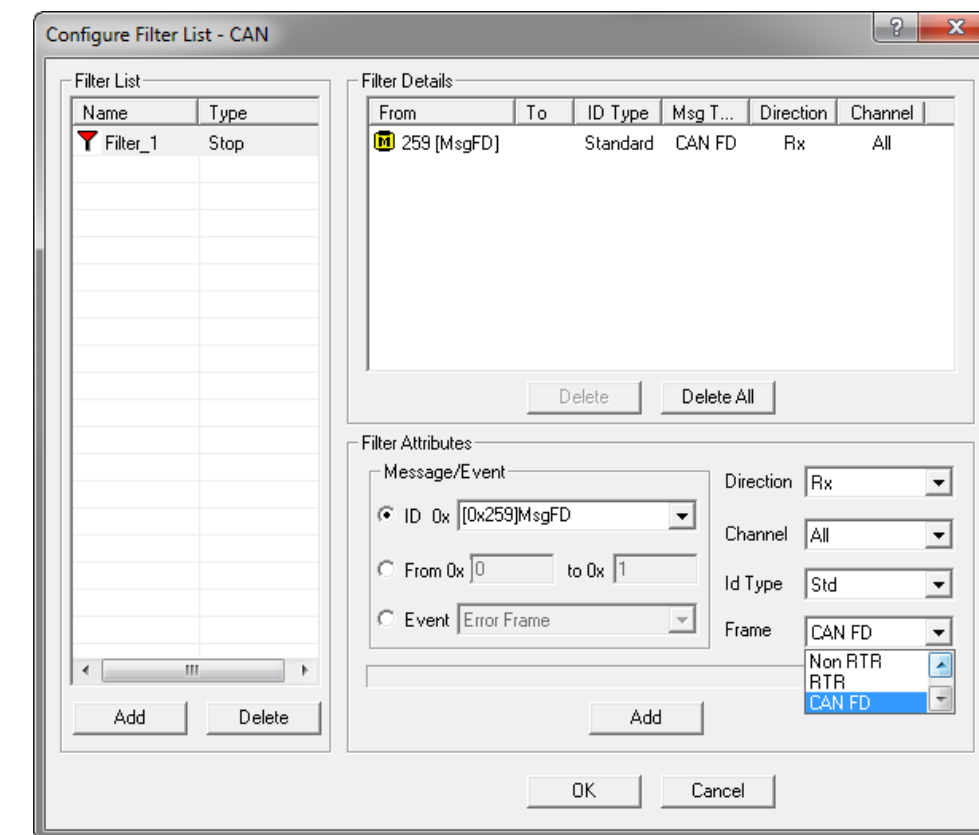
❖ Replay

Session replay of the CAN FD log files

❖ Filters

Configure Stop or Pass filters for CAN FD Frame's

❖ Node Simulation

CAN FD Node can be simulated with following handlers

- Bus Events
- Message Handlers
- Error Handlers
- Timer Handlers
- Key Handlers
- DLL Handlers