

BUSMASTER – CANFD Add-on

BUSMASTER © - CANFD Overview

- ❖ Introduction
 - BUSMASTER CANFD add-on supports measurement and simulation of CANFD frames and signals

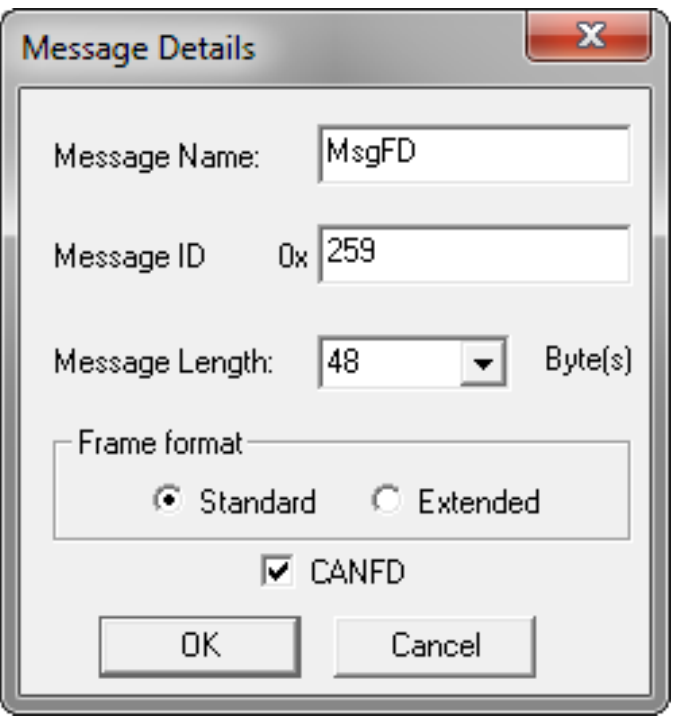
- ❖ Features Supported
 - Database support
 - Hardware support
 - ETAS BOA v2.0
 - Channel configuration with CANFD parameters
 - Transmit Window
 - Support up to 64 bytes
 - Message Window
 - Node Simulation
 - Logging
 - Filters
 - Replay
 - Network Statistics
 - Signal Watch
 - Signal Graph

- ❖ Installation
 - CANFD support in BusMaster will be available as an add-on

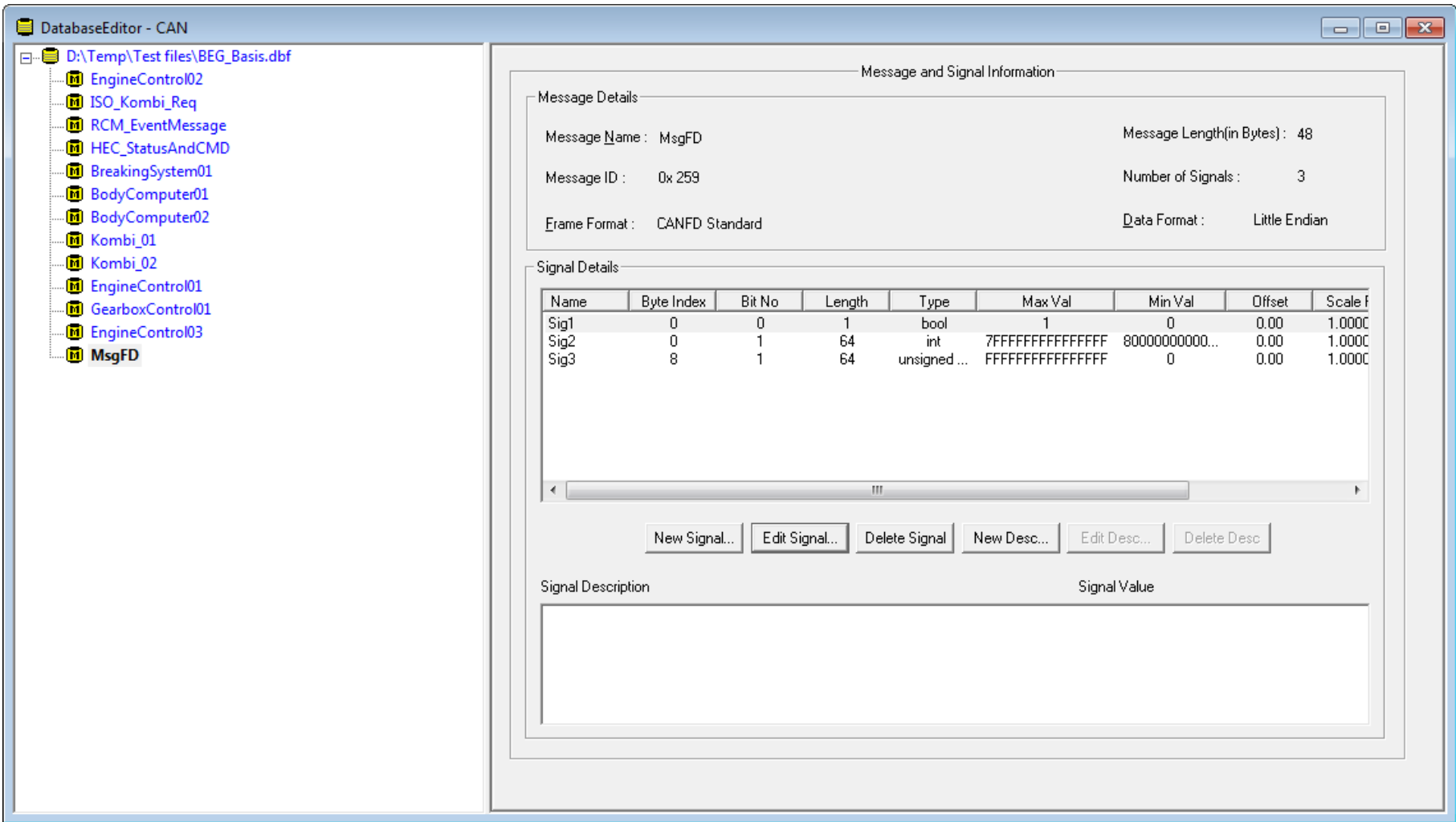
For further details, please contact E-mail: BUSMASTER@in.bosch.com

BUSMASTER © - CANFD Features

- ❖ Database
 - BusMaster Database supports CANFD frames
 - CANFD option
 - Length up to 64 bytes

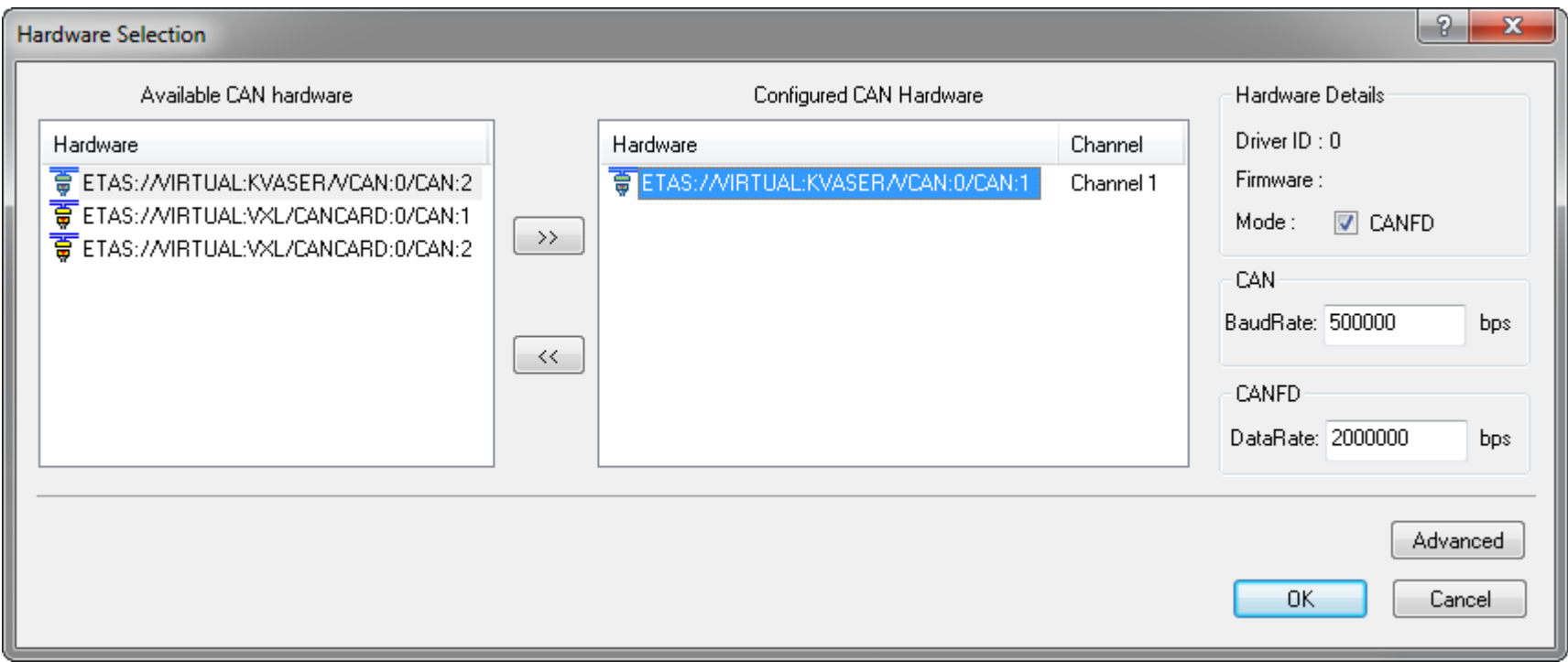


- ❖ Signal creation
 - Multiple signals up to 64 bytes
 - All other CAN signal parameters available

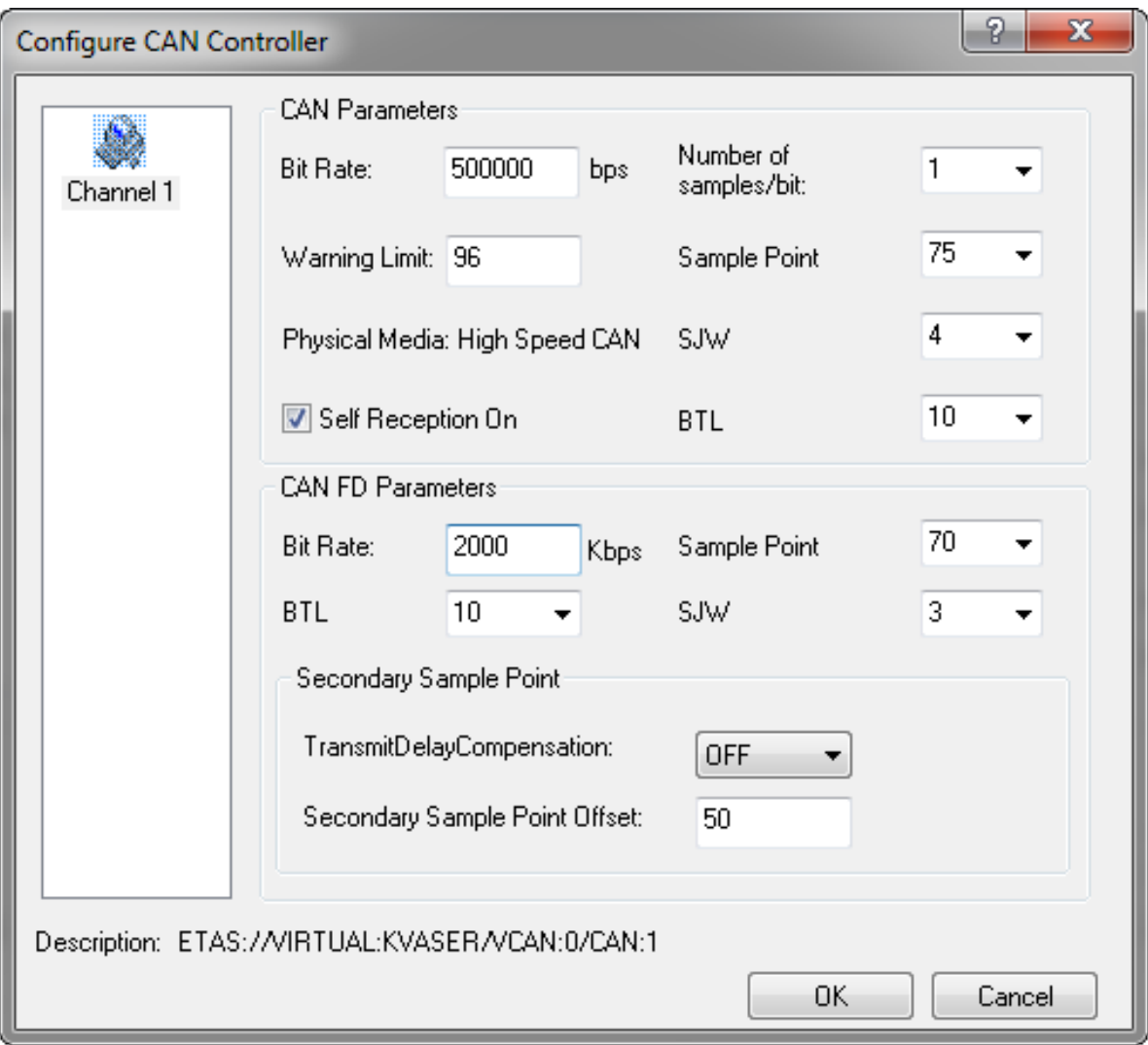


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- ❖ Hardware channel configuration
 - Option to select CANFD variable data rate



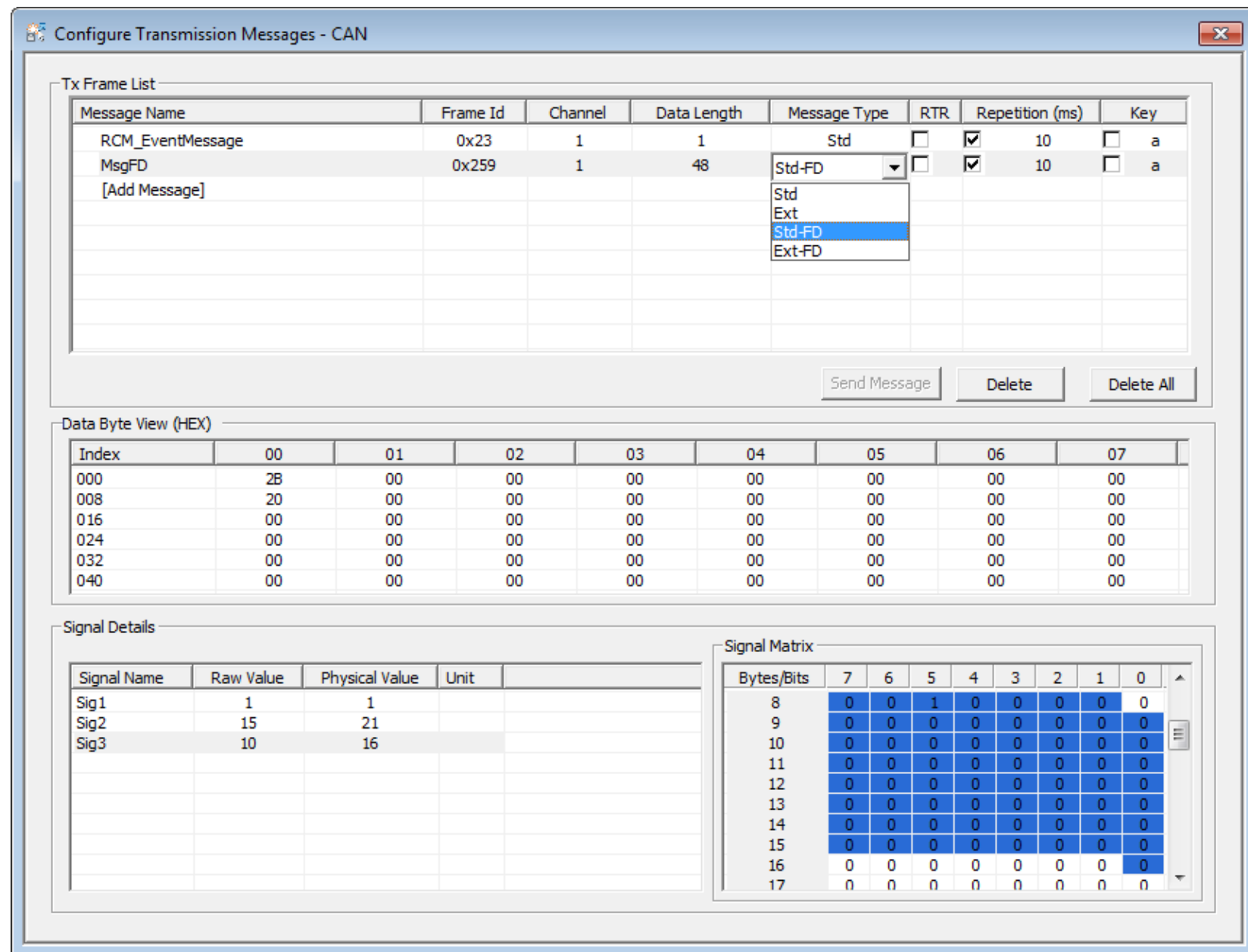
- ❖ Hardware channel configuration
 - Configuring CANFD parameters



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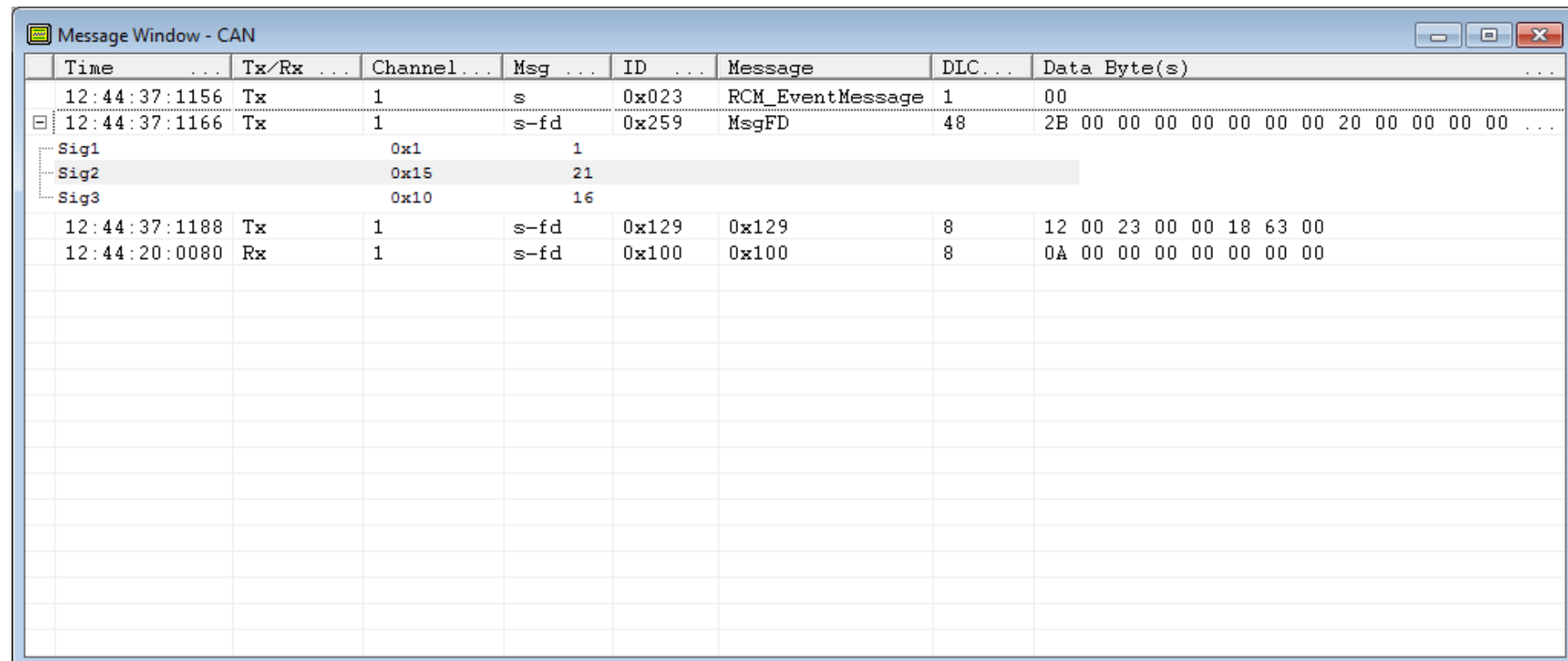
❖ Transmit Window

- Support for standard, extended, standard-fd and extended-fd frames
- Signal matrix for 64 bytes



❖ Message Window

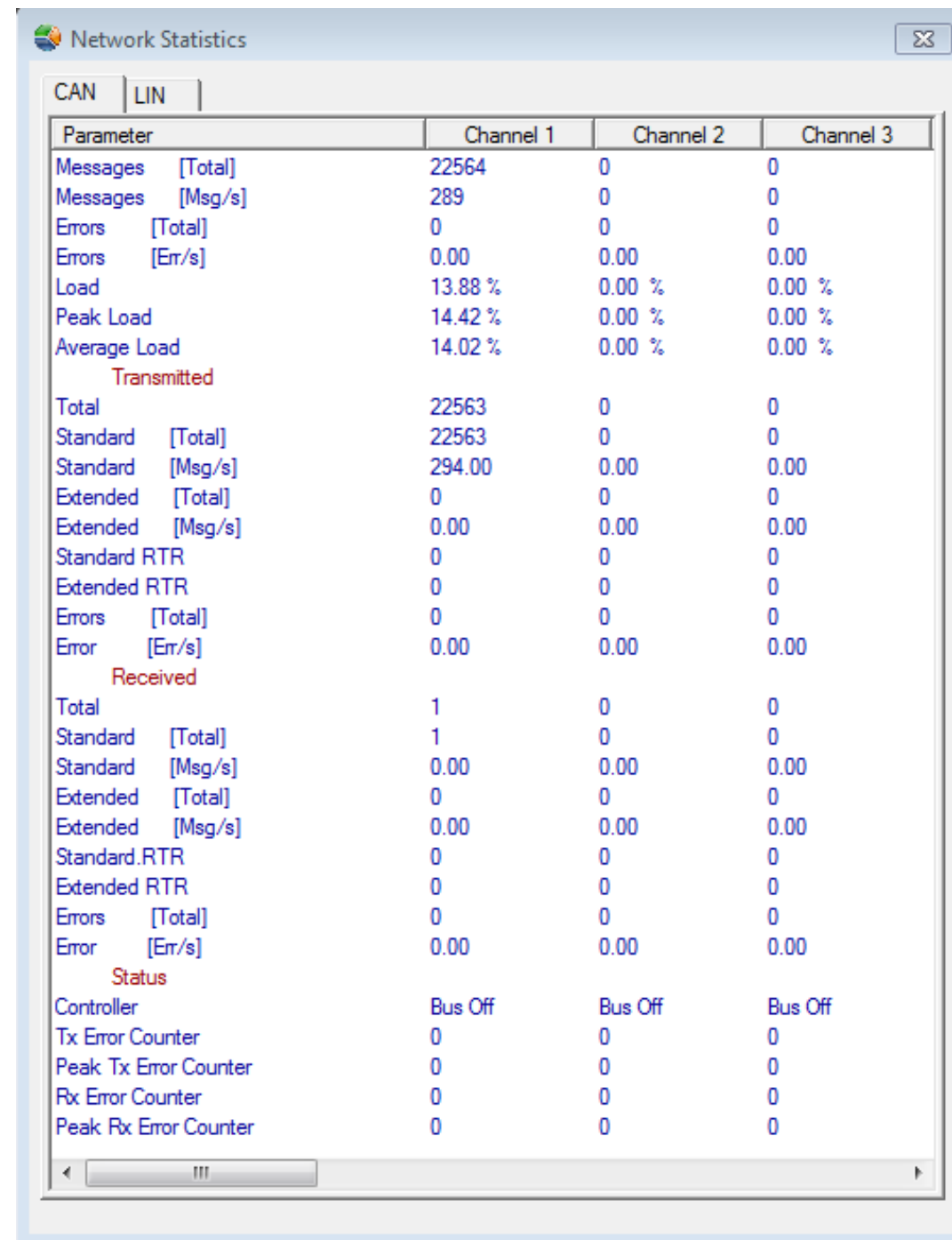
- Displays CANFD frames



BUSMASTER © - CANFD Features

❖ Network Statistics

Displays CANFD 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 CANFD Frame's transmitted or received

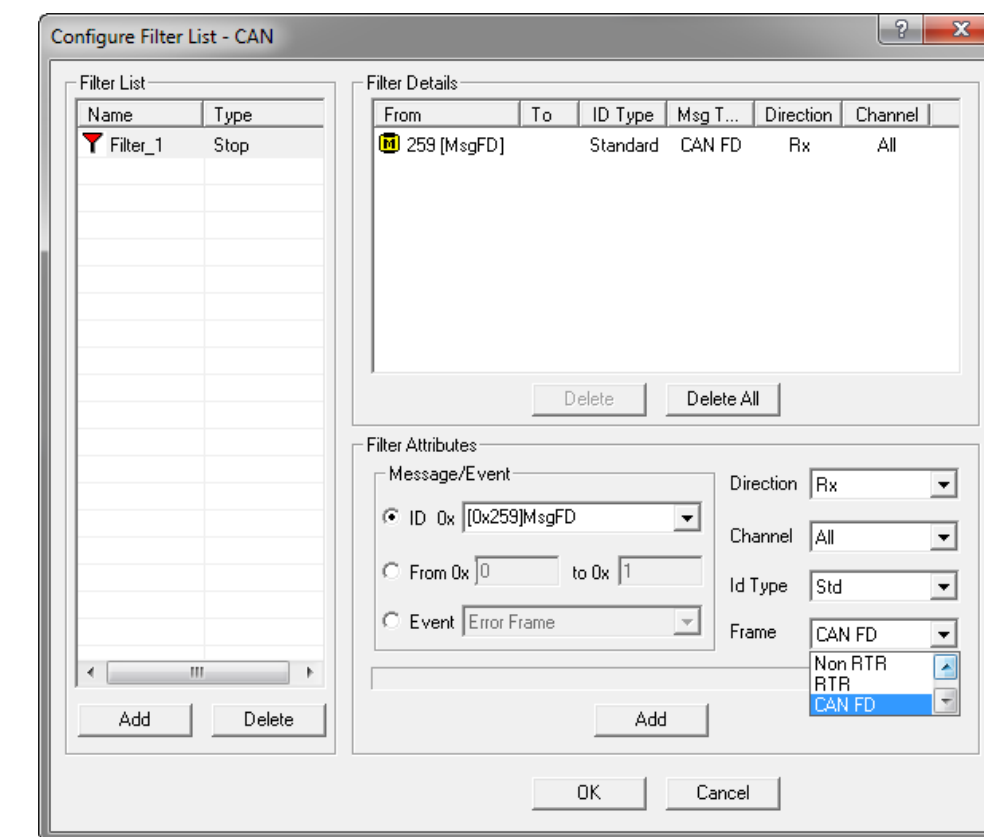
❖ Replay

Session replay of the CANFD log files

BUSMASTER © - CANFD Features

❖ Filters

Configure Stop or Pass filters for CANFD Frame's



❖ Node Simulation

CANFD Node can be simulated with following handlers

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

