



# Motor Vehicle Event Data Recorder

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## Common Interface

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# Common Interface

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- Proposal
- Purpose
- Goal
- Membership of Technical Experts
- Scope
- Design Requirements
- Timing



# Common Interface

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- Proposal –

In order to keep the project on track I would like to Chair a sub-group of technical experts to define and develop a common interface



# Common Interface

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- **Purpose-**

**The purpose for one common standard interface is allow multiple vendors or OEMs, the ability to extract the desired information in the same manner with the least amount of complexity. This only defines the interface and allows the most flexibility for each producer to be able to design the mating half and protect their companies own individual intellectual property.**



# Common Interface

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- Goal –

The goal of this sub-group would be to design and develop an common interface



# Common Interface

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- Membership –

The sub group would be open to all member wishing to participate in the meetings. I would propose that we hold the meetings during the same dates as have been established to minimize the expense of travel but will hold any meeting necessary to keep the project on track.



# Common Interface

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- Scope -

The scope of the sub group would be to define a common connector interface that could be utilized to extract the data that would be recorded during an event. The common electrical connection would be defined in the same manner as is currently done today at USCAR, the United States Council Automotive Research. The definition would only pertain to the interface and would allow an open design.



# Common Interface

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- Design Requirements-
  - Mechanical
  - Electrical
  - Environmental
  - I/O's – Size
  - Latching mechanism



# Common Interface

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- Timing –

The overall objective would be to develop a common interface once the requirements have been agreed to in approximately 1 year.