

ISO TS 13499

Motivation for the revision to MME 2.0

ISO TS 13499 – Lack of the current version

Poor integration of data from Filmanalysis and Simulation

- working with different reference coordinate systems not supported
- data from different sources not supported
- no integration of multidimensional data

Too little clearness (see comments from UK at last review)

- description of components not sufficient supported
- marginal definition of allowed values

Organizational

- updates via Related Electronic Documents grows more complicated over the years and should be consolidated

ISO TS 13499 – New features of the revised version

Integration of data from Filmanalysis and Simulation

- working with different reference coordinate systems and sources
- integration of multidimensional data
- predefined data structures

Clearness

- better description of components
- tables of allowed values for standardization (testtypes, units, regulations, ...)

Organizational

- integration of all changes up to version 1.6
- integration of NHTSA and biomechanical test data
- opening for future development by an extensible data format

ISO TS 13499 – Benefit of the Revision

Evolutional development of the known format

- perpetuation of the old file structure
- perpetuation of the the ASCII information
- only little changes for the transducer channel data, photos, movies

Integration of new requirements

- efficient and harmonized handling of complex data
- extensions for new instrumentation requirements
- efficient handling of data from different sources (datafusion)
- flexibility for future development