



Create your own TPEG test messages

The TPEG Editor is a tool for the creation and modification of TPEG files. It can be used to open TPEG files and present their content in a clearly laid out user interface where all fields can be edited. Missing or invalid parameters which would cause non-standard TPEG output are indicated by red background colour which facilitates trouble-shooting. Optional parameters are marked or suppressed in order to facilitate the creation of new messages. Messages are managed in multiple versions and new versions can be cloned from previous ones.

The location of a message can be modelled using all TISA location referencing methods. Additionally, TMC, GLR and OLR locations can be edited and graphically shown on a map.

The TPEG Editor supports all applications currently specified by TISA and will be enhanced with future applications after their release. bmt's long-term expert knowledge ensures that the output is compliant to the related TPEG2 specifications.

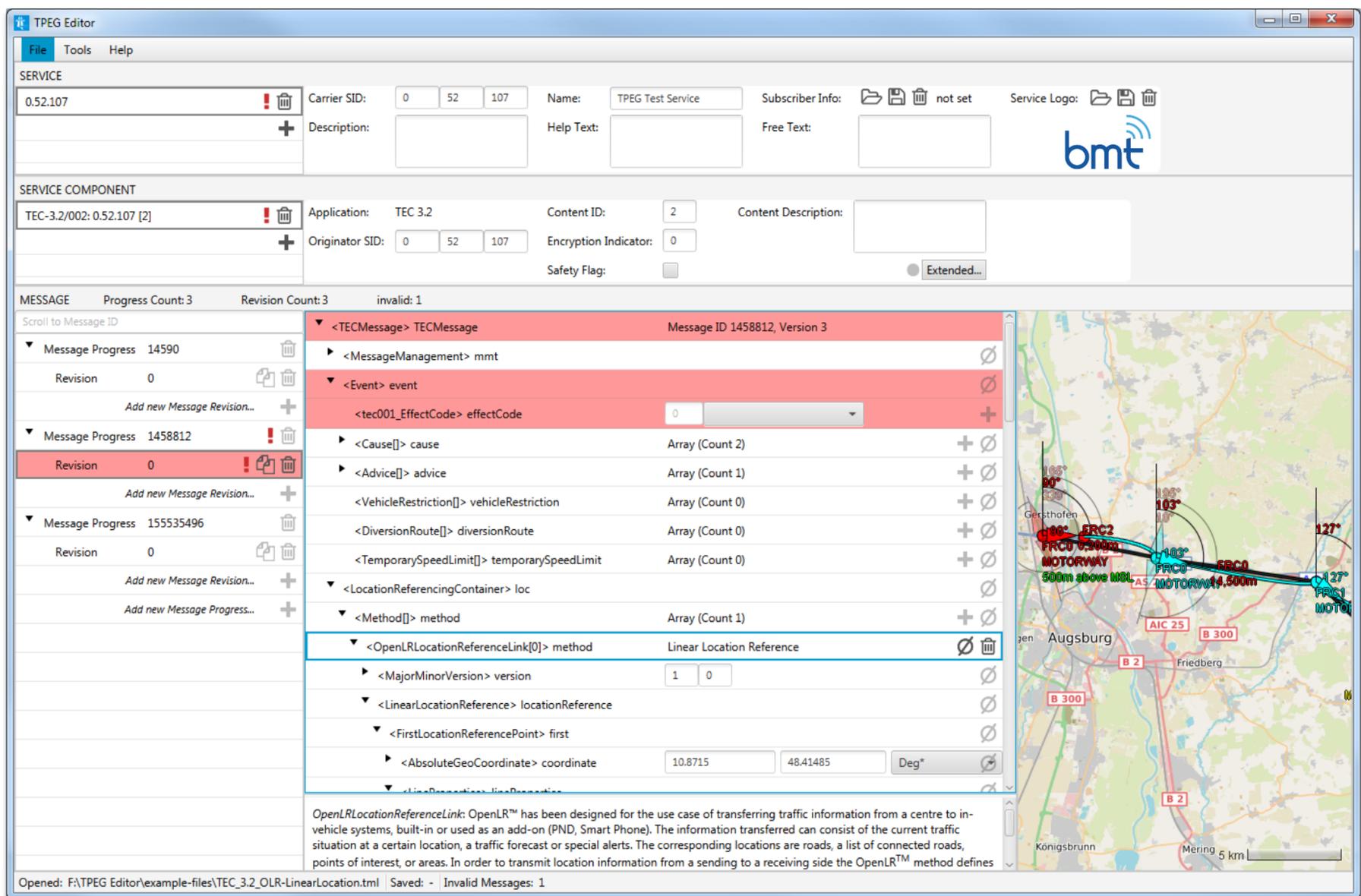


Fig. User interface of the TPEG Editor

TPEG EDITOR

we can TPEG

Use Cases

The creation of test cases for TPEG-enabled devices in a lab environment is important for development engineers, test engineers and service providers. The TPEG Editor simplifies this task significantly and makes sure that the output is syntactically correct.

A set of messages is stored as a TPEGml file which can be reloaded and modified later. The TPEGml output can also be fed into a TPEG ON AIR test or productive system for immediate update of a TPEG stream or a binary file.

For a later release the playback of predefined scenarios with updates, changes and deletions of messages is planned.

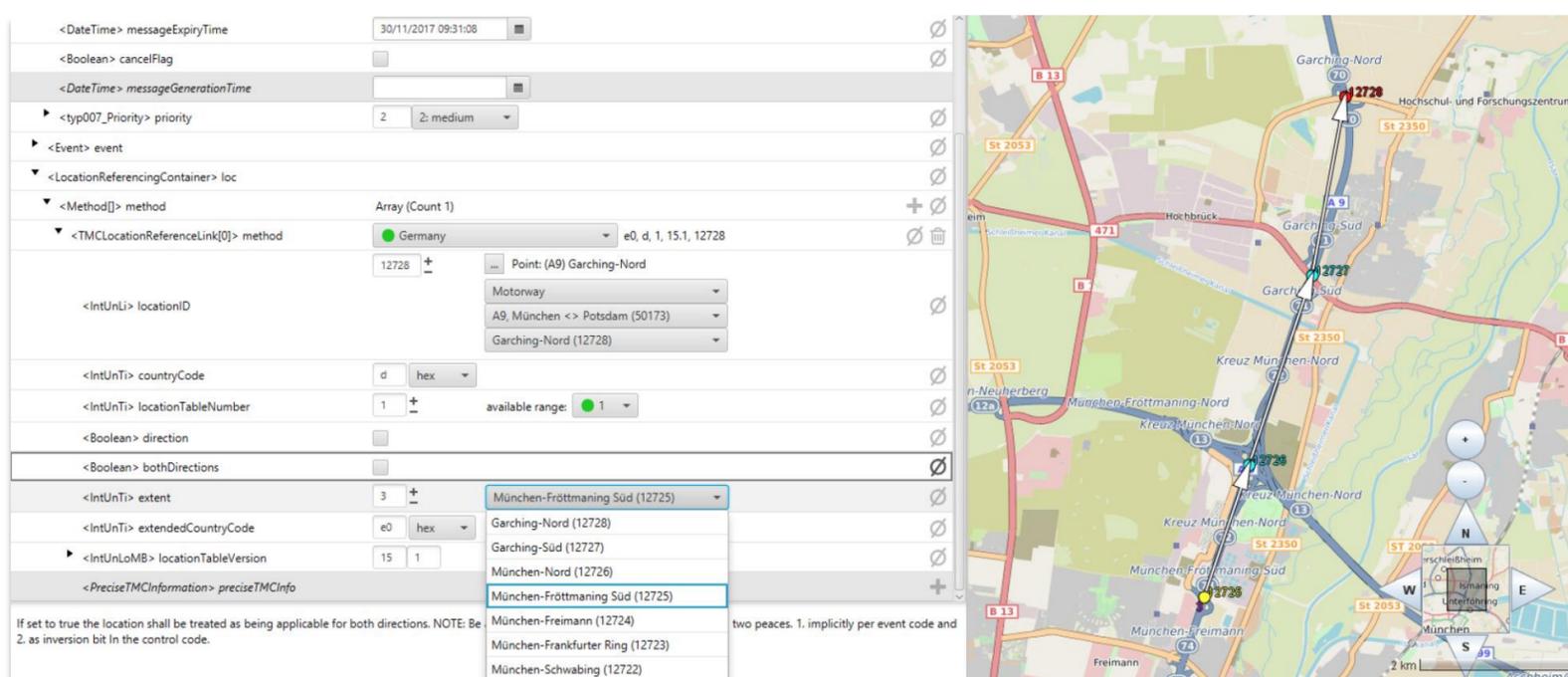


Fig. Support for the creation of TMC locations and map based display (detail)

Features

- ▶ Creation of TPEG messages with graphical user interface
- ▶ Support for the creation of TMC locations and map based display
- ▶ Import of TPEG binary and TPEGml files
- ▶ Indication of missing or invalid parameters to ensure valid TPEGml output
- ▶ Convenience tools to enter complex data (e.g. geographical coordinates, date/time)
- ▶ Direct entry of codes or their corresponding text representation
- ▶ Interface to TPEG ON AIR
- ▶ Support of all currently specified TPEG-Applications (EMI, FPI, PKI, RMR, TEC, TFP, WEA)
- ▶ Creation and modification of Service and Network Information (SNI)
- ▶ 100% TISA TPEG2 compliant