

Message Editor



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Message Editor for Aeroflex 6103 AIME / CT

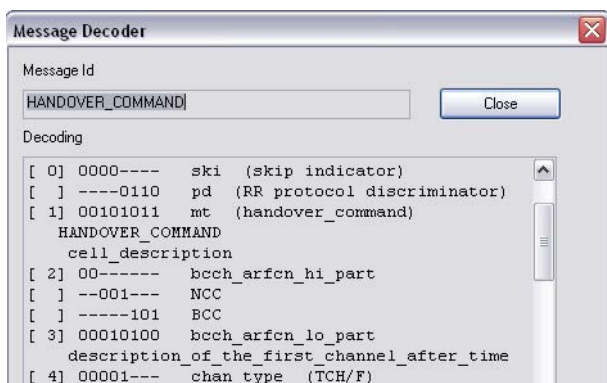
The all-in-one solution for decoding, encoding, and editing
GSM / GPRS / EGPRS, uplink and downlink

Message Editor

The Message Editor is the comprehensive, ready-to-go solution for rapidly editing and encoding layer 3 signalling messages within GSM/EGPRS test cases and configuration files that run on the Aeroflex 6103 AIME/CT test system. Providing a flexible and powerful set of libraries, the Message Editor considerably speeds up test case creation and reduces overall test time. It also puts the development of customised or manufacturer-specific pre-validation test cases on the fast track. Thanks to the long-term partnership between Aeroflex and setcom for GSM/EGPRS testing, the simple and intuitive-to-use Message Editor can even be run within the Aeroflex 6103 AIME/CT test system.

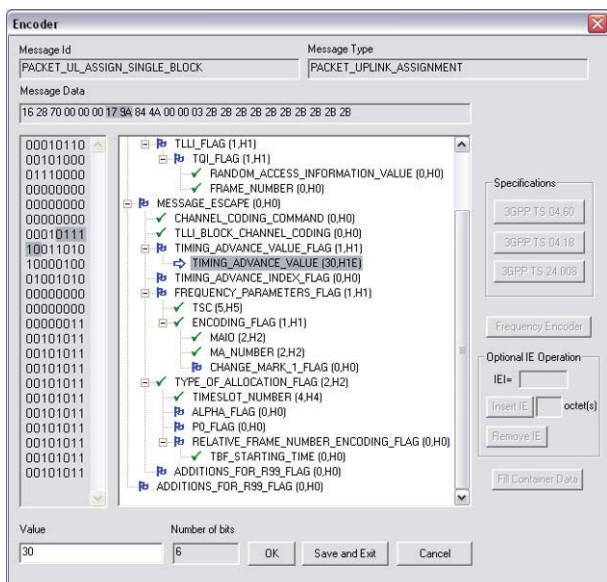
Self-explanatory user interface

The convenient Message Decoder displays all signalling messages in great detail for rapid interpretation: Name and content of every single message field are provided, including a short description wherever appropriate.



Powerful encoder incorporated

Once a few basic settings are made, the powerful Encoder deploys the tree structure of any message and the content of all of its fields in both hexadecimal and binary format. Any field can be edited instantly; the number of bits permitted is displayed in the window's bottom line. As soon as any modification is confirmed, the tree structure is updated accordingly.



Time-saving tools integrated

A vast number of value-added features are already included. A good example is the convenient Frequency Encoder, calculating the deserved frequency sets at a simple click. It goes without saying that the Frequency Encoder also allows user input for manual alterations.



Making omitted fields visible

To insert an omitted field, simply select it from the tree structure. The relevant entry and display fields will be instantly available for editing.

Using container data

Container data can be extracted from configuration files and used to fill the corresponding data octets of system information (SI) or packed system information (PSI) messages. The total number of the relevant octets in SI/PSI messages is indicated; the values are displayed both in hexadecimal and decimal format.

Comprehensive message library provided

The message library considerably speeds up the writing and/or editing of test cases. Any message selected from the library may be edited before it is added.

Everything under full control

All modification requests are stored internally and are only applied to the current message file if the user decides to do so. Nothing happens in the background; the original file can not be altered unintentionally.

Ordering information

The setcom Message Editor is available on all Aeroflex 6103 AIME/CT systems that support GSM, (E)GPRS as the below option number

- 6103G-395 – setcom message editor for 6103 AIME/CT
- The 6103 AIME/CT requires as a minimum options 6103G-300 and 6103G-376 to support the Message Editor.

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setcom wireless products GmbH
Dingolfinger Str. 1-11
81673 München
Germany

Tel.: +49 89 444 88 99- 0
Fax.: +49 89 444 88 99-99
Email: info@setcom.eu

www.setcom.eu