

Messages composition

- The messages part is structured in fields divided by the character '|' (pipe).
- The fields can be divided into sub-fields separated by the character '^'.
- The field information may be repeated in a single message using the character '\'.
- The fields content may be:
 - Null
 - Numerical value expressed in decimal numbering and using as separator the character '.'
 - Text, i.e. an ASCII characters sequence, without any formatting, tabulation or other. The single characters will be comprised between the ASCII 0x20 and the ASCII 0xFF.
 - Date/time always expressed as YYYYMMDD, YYYYMMDDHHMMSS or HHMMSS.

1.2. Messages SequenceMessages sequence in sending:

```

HEADER
  PATIENT 1
    ORDER 1
    COMMENT 1
    .....
    ORDER n
    COMMENT n
    .....
  PATIENT n
    ORDER 1
    COMMENT 1
    .....
    ORDER n
    COMMENT n
TERMINATOR

```

Messages sequence in receiving:

```

HEADER
  PATIENT 1
    RESULT 1
    .....
    RESULT n
    .....
  PATIENT n
    RESULT 1
    .....
    RESULT n
TERMINATOR

```

In the Setup there is the option: **Only one header/terminator frame.**

If the option **Only one header/terminator frame** is disabled, the Header and Terminator frames will be present for each single sub-message. Otherwise (**Only one header/terminator frame** enabled) the Header will be present only for the first message and the Terminator only for the last one.

For instance, the analyzer must send the following message:

```

HEADER

```