

# Vibes Optional TLVs

Last Updated: Monday, May 17, 2021

## Carrier Code

This tag is used to identify the carrier in Mobile Originated (MO) and Mobile Terminated (MT) messages.

Field	Size Octets	Type	Value
Parameter Tag	2	Integer	0x1401
Length	2	Integer	The length of the Carrier Code.
Value	Variable	Octet String	The Carrier Code. Refer to the <a href="#">Carrier Code table</a> .

## Alternate Message Delivery

This tag is used to specify if [Alternate Message Delivery](#) should be used upon message failure.



**Note:** To use this feature, a Longcode must be assigned to the Shortcode prior to sending any messages.

Field	Size Octets	Type	Value
Parameter Tag	2	Integer	0x1403
Length	1	Boolean	The length of the flag.
Value	Variable	Octet String	0x00: Do not use alternate delivery (default). 0x01: Use alternate delivery.

## Message Payload

This field is part of the SMPP 3.4/5.0 Specification, and is used in place of the short\_message fields to send messages up to 900 characters (byte size will vary based on encoding used.)

The message\_payload parameter contains the user data. Its function is to provide an alternative means of carrying text lengths above the limit of the short\_message field. Applications, which need to send messages longer than 140 bytes, should use the message\_payload TLV.

When used in the context of a submit\_sm PDU, the sm\_length field must be set to zero

Field	Size Octets	Type	Value
Parameter Tag	2	Integer	0x0424
Length	2	Integer	Set to the length of User Data in bytes. Maximum byte length is 1800
Value	Variable	Octet String	Message User Data. Maximum size is 1800 bytes, and the message can be no more than 900 characters with encoding.

## Submission Errors

An error **ESME\_RINVMSGLEN (0x00000001) - Message Length is Invalid** will be returned if this value is greater than 1800 OR if the encoded message exceeds 900 characters.