Subject :   Technical FAQ on EMS

What can I do with EMS ?
With EMS, I can download from a server and forward to an EMS compatible phone :
- small iMelody monophonic melodies (like jingles)
- small icons
- small animations
- e-cards (also called SMS templates)

What happens if only two concatenated SMS out of three arrive on the handset ?
A time out expires 5 minutes after the reception of the first SMS. If all the concatenated SMS did not arrive, the received data is lost and nothing is displayed. The end-user is not even aware that something was received.

What happens if an independent SMS is received in the middle of concatenated SMS ?
The handset is able to make the distinction thanks to the Message Reference.

What is the maximum number of melody, icons, …. I can store in the phone ?
45 of each type on One Touch™ 310/311
60 of each type on One Touch™ 511

If the melody, icon … is not saved immediately, is it kept in the memory ?
Yes, it is kept in the memory.

Is there a limitation in the number of concatenated SMS that the phone is able to receive ?
In EMS, the maximum number of concatenated SMS is 10.

Is it possible to have Chinese characters in the SMS ?
Yes, in the text part.

What are TPDU parameters?
TPDU parameters are parameters defined in the SMS header.

Which value should I use for TP-PID?
For both EMS and TDD transfers, we recommend using the value TP-PID=0.

I send an iMelody version 1.1 or 1.2 to the phone but the melody is not played. Why?
The first software releases for One Touch™ 310/311 and One Touch™ 511 only support iMelody version 1.0.

I send an iMelody to the phone and the melody is played but some notes are wrong. Why?
Make sure the octave prefix (see EMS Guidelines specification) only applies to the immediately following note. If not specified, the default octave prefix is *4. i.e. A=880Hz.