

**Title:** LS on DCS values for SIM data download

**Response to:**

**Release:**

**Work Item:**

**Source:** T2

**To:** T3

**Cc:**

**Contact Person:**

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**Attachments:** T2-010276 (LS to T3 on encoding for SIM data download)  
T2-020528 (CR 23.040 R5 TP-DCS values for SIM data download)

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## 1. Overall Description:

T2 likes to inform T3 that a contradiction has been identified between specifications 23.040

### 9.2.3.9 TP-Protocol-Identifier (TP-PID)

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(U)SIM Data download is a facility whereby the ME must pass the short message in its entirety including all SMS elements contained in the SMS deliver to the (U)SIM using the mechanism described in GSM TS 51.011 [16] and 3GPP TS 31.102 [30]. The DCS shall be set to 8 bit message class 2 (either bit coding 1111 0110 or 00010110). The entire user data field is available for (U)SIM Data download. If the DCS is not set to 8-bit message class 2 then the message shall be handled in the normal way by the ME.

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ANSI-136 R-DATA is a facility whereby the ME must pass the short message in its entirety, including all elements contained in the SMS DELIVER, to the (U)SIM using the mechanism described in GSM TS 11.14 [16] and 3GPP TS 31.102 [30]. The DCS shall be set to 8-bit message class 2 (either bit coding 11110110 or 00010110). If the DCS is not set to 8-bit message class 2 then the message shall be handled in the normal way by the ME.

and 31.111:

## 7.1 Data download to UICC

### 7.1.1 SMS-PP data download

#### 7.1.1.1 Procedure

If the service "data download via SMS Point-to-point" is allocated and activated in the UICC Service Table (see 3G TS 31.101 [13]), then the ME shall follow the procedure below:

- when the ME receives a Short Message with:
  - protocol identifier = SIM data download; and
  - data coding scheme = class 2 message; or
- when the ME receives a Short Message with:
  - protocol identifier=ANSI-136 R-DATA (see 3G TS 23.040 [7]); and
  - data coding scheme = class 2 message, and the ME chooses not to handle the message (e.g. MEs not supporting EGPRS over TIA/EIA-136 do not need to handle the message).

T2 has changed 23.040 accordingly (see attached CR).

T2 does not expect any problems as the intended change has been brought to T3's attention after T2#12 in February 2001 and T2 has not received a T3's objection.

T2 is looking forward to a fruitful cooperation with T3.

**2. Actions:**

T2 kindly asks T3 to provide feedback to T2 in case T3 sees any problem with the changes as attached.

**3. Date of next T2 Meetings:**

T2#18	12-16 Aug 2002	Velen, Germany
T2#19	18-22 Nov 2002	Korea