

Specifications for the Smart-Card Operating System for Transport Applications (SCOSTA)

Errata to Version 1.2b dated March 15, 2002

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The following corrections may be applied to the SCOSTA specifications version 1.2b dated March 15, 2002

1. Page 5, paragraph 2.

The first sentence of this paragraph should read as the following.

Each DF in the file system *may* also have a DF name that shall be unique among all DFs in the file system.

2. Page 10-11, Section 6.1.9, Command CREATE FILE

The following explanatory notes may be added for this command at the end of this section.

Explanatory Notes: *The default value for the LCSl of a file created using this command (if not explicitly specified in the command) will be 0x05 (operational state – activated).*

At most one EF can be created within a DF with an SFI of 0x01. Similarly, at most one EF can be created within a DF with an SFI of 0x02. If an attempt is made to create an EF with SFI of 0x01 or 0x02 in a DF that already contains an EF with the same SFI, the command should return an error.

3. Page 11, Section 6.1.10, Command DELETE FILE

Point (i) of the Explanatory notes should be read as:

“DELETE FILE (child)” of the parent DF of the EF/DF to be deleted.

Point (ii) of the Explanatory notes should be read as:

“DELETE FILE (self)” of the EF/DF to be deleted.

The following paragraph may be added at the end of the Explanatory notes for this section.

If the DELETE FILE command is used to delete a DF, the entire subtree under that DF is deleted. However, this command cannot be used to delete the MF. After successful execution of this command, the parent DF of the deleted EF/DF becomes the current DF. If as a result of the execution of the command, the current DF changes, then after the execution of the command, the current EF of the card is undefined; otherwise, it remains the same as before.

4. Page 11, Section 6.1.13 command DEACTIVATE FILE

The following paragraph may be added at the end of the explanatory notes for this section.

In case of a DF, this command will execute successfully only if all EFs and DFs that exist immediately within the DF to be deactivated are already in the deactivated or terminated state.

5. Page 11, Section 6.1.14, command TERMINATE DF

The following paragraph may be added at the end of the Explanatory notes for this section.

This command will execute successfully only if all EFs and DFs that exist immediately within the DF to be terminated are already in the terminated state.

6. Page 12, Section 6.1.16, command TERMINATE CARD USAGE

The following explanatory notes may be added for this command.

Explanatory Notes: *This command is functionally the same as terminating the MF using the TERMINATE DF command and can only be executed if all EFs and DFs that exist immediately within the MF are already in the terminated state.*

7. Page 18, Section 6.2.8, command ENABLE VERIFICATION REQUIREMENT

The Explanatory Notes for this command should be read as follows.

Explanatory Notes: *The enable verification requirement command will update the valid bit in the EF1 for the record corresponding to the specified reference data. If P2 is given as 0, then the reference data record with PIN identifier = 80H in the EF1 under MF is implied. The value of P1 can be 00 or 01. However, if the value of P1 is 00, the verification data present in the command body will be ignored.*

8. Page 19, Section 6.2.9, command DISABLE VERIFICATION REQUIREMENT

The second sentence of the Explanatory Notes for this section should read as the following.

If P2 is given as 0, then the reference data record with PIN identifier = 80H in the EF1 under MF is implied.

9. Page 19, Section 6.2.10, command CHANGE REFERENCE DATA

The second sentence of the explanatory notes for this section should be read as the following.

The reference data will be updated only if one of the following conditions is satisfied (unless the reference data is invalid).

The following sentence should be added at the end of the Explanatory Notes for this section.

If P2 is given as 0, then the reference data record with PIN identifier = 80H in the EF1 under MF is implied.

10. Page 19, Section 6.2.11, command RESET RETRY COUNTER

The following text should be added at the end of the Explanatory Notes for this section.

If P2 is given as 0, then the reference data record with PIN identifier = 80H in the EF1 under MF is implied. Proving knowledge of the existing reference data is required only if the reference data is valid.