

Infrared Data Association Specifications for Ir Mobile Communications (IrMC)

ERRATA 990414



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Errata Type Classifications

Following are a list of errata to the IrMC Specification Version 1.1 dated March 01, 1999.
The points are classified according to the following scheme:

CLARIFICATION: Textual enhancement that provides a clearer explanation of a specification item without changing any behavior.

ENHANCEMENT: An addition of architectural or parametrical elements with very little impact on the device's bandwidth occupancy.

MODIFICATION: A modification of the currently specified behavior which is backwards compatible (i.e. which does not require any modification of already existing IrMC products)

CHANGE: A modification of the currently specified behavior that obsoletes some items in IrMC Version 1.1

PROBLEM: A known problem for which an erratum has yet to be proposed.

All references to “application” within this document refer to any device or software application that implements IrMC.

IrMC V1.1 Errata Approved at IrDA Meeting 14th April 1999

I. Unique Indexing

Problem:

An incorrect statement was made in sect 4.1.2

Solution:

Current Text

It is recommended that the name be kept short, because the entire name, including path, is contained in the OBEX header, and that header must fit in the first OBEX packet.

New Text

It is recommended that the name be kept short, because the entire name, including path, is contained in the OBEX header, and that header must fit in a **single** OBEX packet.

II. vNote Missing from Usage Cases Figure

Problem:

vNote is missing from the usage cases figure.

Solution:

Add text for vNote to the usage cases figure (Figure 2-1 Sample IrMC Applications)

III. Clarification of Level 1 Data

Problem:

The text in section 2.8.1 can be read as saying that Ultra is not required.

Solution:

Add new paragraph "Level 1 data can be received over a connection or connectionless oriented interface. For conformance to this specification, the connectionless (i.e., Ultra) interface **MUST BE** supported."

IV. Timestamps

Problem:

"T" missed in the example timestamps section.

Solution:

Change the example in Sect 5.2.2 from 19990103130516Z to 19990103T130516Z

V. Message Folder Definition Inconsistent

Problem:

The pathname for the message folders are different in different sections.

Solution:

Change the examples in section 9.8.3 to

```
<message-incoming-stream-object-name> ::= "telecom/inmsg" <extension>
<message-outgoing-stream-object-name> ::= "telecom/outmsg" <extension>
<message-sent-stream-object-name> ::= "telecom/sentmsg" <extension>
```

VI. "Call Message History Object" should be removed

Problem:

The addition of history objects has been deferred to future errata. References to "Call Message History Object" should be removed for now.

Solution:

In section 9.5, the paragraph before "SPECIAL HANDLING...". The paragraph should read as follows:

When a message is created in the Outbox, regardless if it is to be transmitted or not, an entry is created in the Outbox Change Log to indicate its creation. When the message is successfully sent by the device itself and the Sent Box is supported, a copy of the message with the same LUID is saved in the Sent Box. At that time, an entry in the Sent Box Change Log is also created.

VII. Last Used Index Undefined if Database Empty

Problem:

If the database is empty, there is no meaningful value for Last-Used-Index field in the info logs.

Solution:

General sections. Add clarifying text to say that

"The Last-Used-Index field should be ignored if the Total-Records field is zero."

VIII. OBEX Response Codes Inconsistent with OBEX Spec

Problem:

In section 4.3, the Database Full and Database Locked response codes cited in the document are swapped compared to OBEX.

Solution:

The IrMC spec will change Database Full to be 0xE0, and Locked to be 0xE1.

Also at the end of the section, the value 0xE1 is called not implemented. This will be changed to Locked.

IX. "Application Parameters" Headers

Problem:

The IrMC spec is out of date compared to the approved version of the OBEX V1.2 spec.

Solution:

References to "Application Response" and "Application Command" headers should be changed to "Application Parameters" headers.

X. Octet Sequence Value Incorrect

Problem:

See solution.

Solution:

In section 13.1, the "Class IrDA:TELECOM" table has the wrong value for Parameters2, the text should say "Octet Sequence (0x02)" and not "0x03".