

Infrared Data Association Specifications for Ir Mobile Communications (IrMC)

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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.

1. **Enhancement: X-IRMC-BOX field to direct the received vMessage**

Problem:

The IrMC specification specifies how vMessages can be directed to the inbox, outbox and sentbox when using IrMC levels 2-4. The specification does not define a way of directing vMessages sent at IrMC level 1. I.e. Beaming

Note. The Nokia NM502I phone used the X-IRMC-NOKIA tag. This has the same functionality as this X-IRMC-BOX field.

Solution:

In the BNF definition for vMsg

```
<vmessage-property>::=<vmessage-version-property> * X-IRMC-STATUS * X-IRMC-TYPE
```

change to

```
<vmessage-property>::=<vmessage-version-property> * X-IRMC-STATUS * X-IRMC-TYPE * X-IRMC-BOX
```

Add a section to the IrMC specification:

Destination folder for vMessages

In order to direct messages received at IrMC level 1, a box extension is defined for vMessage. The box extension property is X-IRMC-BOX and will contain one of the following values:

Property Value Description

INBOX	Indicates that the message should be stored in the In Box
OUTBOX	Indicates that the message should be stored in the Out Box
SENTBOX	Indicates that the message should be stored in the Sent Box

vMessages received by IrMC levels 2-4 should go to the box specified by the pathname.

If a vMessage is received at IrMC level 1, and it does not have an X-IRMC-BOX field, then the destination is implementation specific. It is recommended that it is stored in the In Box.

It is also possible to use a vendor specific destination box, such as Draft. If the receiving device does not understand the destination, it should default to the INBOX.