



Verizon

Mail Code HQE03B47
600 Hidden Ridge
Irving, TX 75038-3897

**Short Term Public Notice of Network Change Under Rule 51.333(a)
Inverse Multiplexing for ATM (IMA)**

March 13, 2003

Type of Change:

This enhancement to Verizon's ATM Cell Relay service introduces an Inverse Multiplexing for ATM (IMA) interface. It allows for the multiplexing of between 2 and 6 ATM DS1s into one virtual interface. Each channel can take a different path from the source to the destination. The sending inverse multiplexer verifies the existence and integrity of each channel, segments the data and spreads the data out over each individual data channel. The receiving end accepts the data, reassembles the data into the correct order, accounting for delay variances, and passes it along to the destination. Customer Premises Equipment must support IMA Version 1.1 or higher.

Bandwidth available to a user of an ATM DS1 is 1.536 Mbps. However, bandwidth of an IMA group is not quite equal to $n * 1.536$, as IMA overhead reduces the bandwidth available to the customer.

This service will conform to the following technical reference:

ATM Forum:

Inverse Multiplexing for ATM (IMA) Specification Version 1.1,
<ftp://ftp.atmforum.com/pub/approved-specs/af-phy-0086.001.pdf>, March 1999

ATM Forum approved specifications may be downloaded from the web site:
<http://www.atmforum.com/standards/approved.html>

Date changes are to occur:

This product will be offered beginning in July 2003, where facilities exist. To confirm availability at your location, contact the Offer Manager listed below.

Locations where changes are to occur:

IMA will eventually be offered in all Verizon jurisdictions where ATM services are offered, and where a suitably equipped switch is available.

Impact of change:

This new interface is an incremental enhancement to ATM Cell Relay service options already available from Verizon. It is intended for customers who have a need for bandwidth greater than a single DS1 and less than DS3, and in areas where no facilities are available to support DS3, but where multiple DS1s can be supported over copper facilities.

Short Term Public Notice of Network Change

Inverse Multiplexing for ATM (IMA)

March 13, 2003

Page 2

Verizon contact:

For more specific information regarding geographic availability, pricing or technical information, contact your Verizon sales representative or:

Mr. Pat Aiello
Senior Offer Manager – ATM Cell Relay Services
Verizon
1095 Ave Of The Americas
18 Floor
New York, NY 10036
Phone: (212) 395-3861
E-mail: pat.f.aiello@verizon.com