Abstract:
Congestion control mechanisms for ATM networks as selected by the
ATM Forum traffic management group are described. Reasons behind
these selections are explained. In particular, selection
criterion for selection between rate-based and credit-based
approach and the key points of the debate between these two
approaches are presented. The approach that was finally selected
and several other schemes that were considered are described.

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This contribution is sponsored by NIST.

Date: February 6-10, 1995

Distribution: ATM Forum Technical Working Group Members
(Traffic Management)

Notice: This contribution has been prepared to assist the ATM
Forum. It is offered to the Forum as a basis for discussion and
is not a binding proposal on the part of any of the contributing
organizations. The statements are subject to change in form and
content after further study. Specifically, the contributors
reserve the right to add to, amend or modify the statements
contained herein.

Attached (in a separate postscript email) is a copy of a paper
entitled "Congestion Control and Traffic Management in ATM
Networks: Recent Advances and A Survey." It is an invited paper
submitted for possible publication in Computer Networks and ISDN
Systems. Those who have not been following the TM group closely
may find it useful. Please feel free to send me comments, if any.
This contribution will not be presented or discussed at the Forum
meeting.

Thanks.