EXHIBIT 1003

IEEE STANDARDS FOR LOCAL & METROPOLITAN AREA NETWORKS

Supplement to Integrated Services (IS) LAN Interface at the Medium Access Control (MAC) and Physical (PHY) Layers

Remote Terminal Line Power for IEEE 802.9 Integrated Services Terminal Equipment

Prepared by the IEEE 802.9f Editor

Significant Changes

- Added relationship to ITU-T I.430
- Added to the critical functionality section those elements requested by Wayne Zakowski.
- Added some clarification to the use of the asymmetrical modes of the ISLAN remote powering.

Things to do:

-

NOTE : This is an internal working document of the IEEE 802.9 Working Group on Integrated Services LANs. As such, it is not a standard and may be changed as a result of further work by IEEE 802.9.

POINTS OF CONTACT :

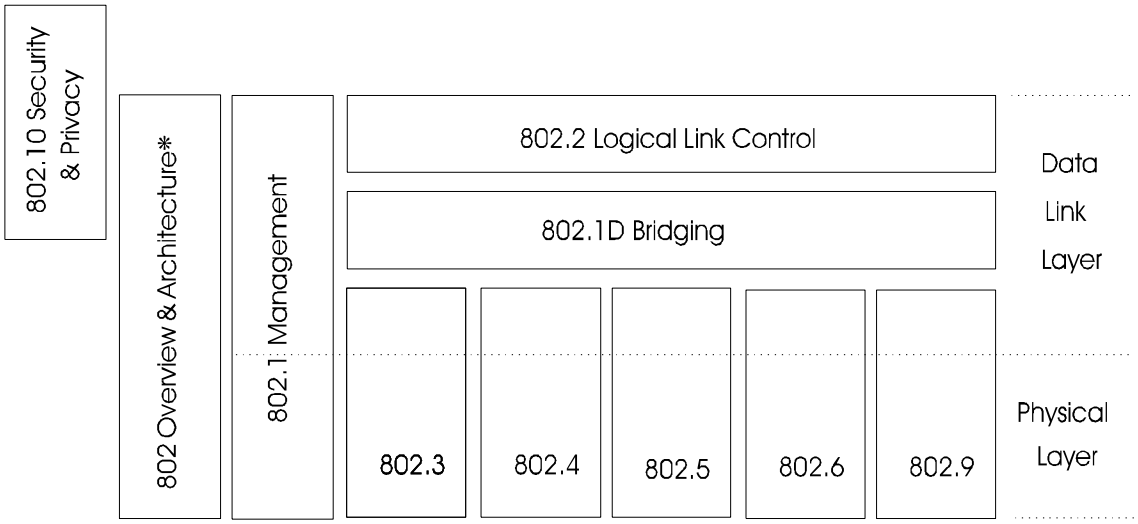
Dhadesugoor R Vaman, Chair
Director, Advanced Telecommunications Institute
Stevens Institute of Technology
Castle Point on the Hudson
Hoboken, New Jersey 07030
Tel : (201) 216-5049
Fax : (201) 216-5057
email : dvaman@ati.stevens-tech.edu

Robert Bell, Editor
Selsium Systems Inc.
341 South Main St.
Suite 410
Salt Lake City, Utah 84111
Tel : (801) 322-4086
Fax : (801) 322-4083
email : bbell@incite.com

Foreword

(This Foreword is not part of the Proposed Standard P802.9f, Integrated Services (IS) LAN : Remote Terminal Line Power for IEEE 802.9 Integrated Services Terminal Equipment).

This standard is part of a family of standards for Local and Metropolitan Area Networks. The relationship between this standard and other members of the family is shown below. (The numbers in the figure refer to IEEE standard numbers.)



*Formerly IEEE Std 802.1A

This family of standards deals with the physical and data link layers as defined by the ISO Open Systems Interconnection Basic Reference Model (ISO 7498:1984). The access standards define several types of medium access technologies and associated physical media, each appropriate for particular applications or system objectives. Other types are under investigation.

The standards defining these technologies are as follows :

- IEEE Std 802 : Overview and Architecture. This standard provides an overview to the family of IEEE 802 Standards. This document forms part of the 802.1 scope of work.
- IEEE Std 802.1D : MAC Bridging. Specifies an architecture and protocol for the interconnection of IEEE 802 LANs below the MAC service boundary.
- IEEE Std 802.1E : System Load Protocol. Specifies a set of services and protocol for those aspects of management concerned with the loading of systems on IEEE 802 LANs.
- ISO 8802-2 [ANSI/IEEE Std. 802.2] : Logical Link Control.
- ISO/IEC 8802-3 [ANSI/IEEE Std 802.3] : CSMA/CD Access Method and Physical Layer Specifications.

DOCKET ALARM

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts

Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research

With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips

Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS
Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS
Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS
Sync your system to PACER to automate legal marketing.