

TR-066  
ADSL Network Element Management  
(Update to TR-005)

**Issue: 1.0**  
**Issue Date: March 2004**

**Notice**

The Broadband Forum is a non-profit corporation organized to create guidelines for broadband network system development and deployment. This Broadband Forum Technical Report has been approved by members of the Forum. This Broadband Forum Technical Report is not binding on the Broadband Forum, any of its members, or any developer or service provider. This Broadband Forum Technical Report is subject to change, but only with approval of members of the Forum. This Technical Report is copyrighted by the Broadband Forum, and all rights are reserved. Portions of this Technical Report may be copyrighted by Broadband Forum members.

This Broadband Forum Technical Report is provided AS IS, WITH ALL FAULTS. ANY PERSON HOLDING A COPYRIGHT IN THIS BROADBAND FORUM TECHNICAL REPORT, OR ANY PORTION THEREOF, DISCLAIMS TO THE FULLEST EXTENT PERMITTED BY LAW ANY REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTY:

- (A) OF ACCURACY, COMPLETENESS, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR TITLE;
- (B) THAT THE CONTENTS OF THIS BROADBAND FORUM TECHNICAL REPORT ARE SUITABLE FOR ANY PURPOSE, EVEN IF THAT PURPOSE IS KNOWN TO THE COPYRIGHT HOLDER;
- (C) THAT THE IMPLEMENTATION OF THE CONTENTS OF THE DOCUMENTATION WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

By using this Broadband Forum Technical Report, users acknowledge that implementation may require licenses to patents. The Broadband Forum encourages but does not require its members to identify such patents. For a list of declarations made by Broadband Forum member companies, please see <http://www.broadband-forum.org>. No assurance is given that licenses to patents necessary to implement this Technical Report will be available for license at all or on reasonable and non-discriminatory terms.

ANY PERSON HOLDING A COPYRIGHT IN THIS BROADBAND FORUM TECHNICAL REPORT, OR ANY PORTION THEREOF, DISCLAIMS TO THE FULLEST EXTENT PERMITTED BY LAW (A) ANY LIABILITY (INCLUDING DIRECT, INDIRECT, SPECIAL, OR CONSEQUENTIAL DAMAGES UNDER ANY LEGAL THEORY) ARISING FROM OR RELATED TO THE USE OF OR RELIANCE UPON THIS TECHNICAL REPORT; AND (B) ANY OBLIGATION TO UPDATE OR CORRECT THIS TECHNICAL REPORT.

Broadband Forum Technical Reports may be copied, downloaded, stored on a server or otherwise re-distributed in their entirety only, and may not be modified without the advance written permission of the Broadband Forum.

The text of this notice must be included in all copies.



## 1 Introduction

This document supercedes the list of managed objects for managing ADSL lines as specified earlier in The Broadband Forum TR-005 [1]. It also addresses management of next-generation ADSL technologies including ADSL2, ADSL2plus, and RE-ADSL.

## 2 Network Management Elements

A complete list of objects necessary for managing various flavors of ADSL lines - including ADSL, ADSLlite, ADSL2, And ADSL2plus - is specified in ITU-T G.997.1 (G.ploam\_bis) [2] document.

## 3 Referencess

- [1] The Broadband Forum Technical Report TR-005 (1998), *ADSL Network Element Management*.
- [2] ITU-T Recommendation G.997.1 (2003), Physical layer management for Digital Subscriber Line (DSL) Transceivers (G.ploam\_bis)