May 31, 2001

Director PSA
ANSI
25 West 43rd Street,
4th Floor,
New York, New York
USA 10036

Dear Sir / Madam:

RE: Patent Statement for ANSI T1.105.01 Standard

Enclosed is a Patent Statement submitted for the ANSI T1.105.01 Standard relating to Automatic Protection Switching (APS). Would you kindly file this Statement on behalf of Nortel Networks?

Thank you for your cooperation. Please call me if you have any questions or comments.

Yours truly,

[Signature]

Stuart Wilkinson

cc. Roy Mills; Kevin Smith
STATEMENT OF PATENT HOLDER CONCERNING THE USE OF
PATENTED DEVICE OR DESIGN IN CONJUNCTION WITH AN
AMERICAN NATIONAL STANDARD

Note: This form is to be used to record the statement of a patent holder whose patented device or design (pending or approved) may have to be used by a person or organization complying with an American National Standard. This statement is filed and retained pursuant to clause 1.2.11.1 of the American National Standards Institute Procedures for the Development and Coordination of American National Standards.

1. Name of Patent Holder: Nortel Networks Limited
   Address: 8200 Dixie Road, Suite 100
   Brampton, Ontario
   Canada, L6T 5P6
   Contact Name and Title: Stuart Wilkinson, Vice President, IP Licensing & Transactions
   Contact Telephone & Facsimile: Tel: (905) 863-1146 Fax: (905) 863-8431
   Contact Email: stuartw@nortelnetworks.com

2. Patent Number(s):

<table>
<thead>
<tr>
<th>Patent Number</th>
<th>Pending or Approved?</th>
<th>Date of Expiration</th>
</tr>
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<tr>
<td>U.S. 5,195,595</td>
<td>Approved</td>
<td>October 27, 2009</td>
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<tr>
<td>U.S. 4,876,682</td>
<td>Approved</td>
<td>October 24, 2006</td>
</tr>
<tr>
<td>U.S. 5,029,158</td>
<td>Approved</td>
<td>July 2, 2008</td>
</tr>
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1. Designation and Title of Proposed ANSI Standard:
   This Statement applies to any Standard approved by ANSI Technical Subcommittee on Optical Hierarchical Interfaces generally, and which relates to Automatic Protection Switching (APS)

List sections of standard to which patent claims relate:
   U.S. Patent No. 4,876,682 of this patent statement relates at least to ANSI T1.105.01-1995 §§ 5-7.
   U.S. Patent No. 5,029,158 of this patent statement relates at least to ANSI T1.105.01-1998 §§ 1, 5-7.
   U.S. Patent No. 5,159,595 of this patent statement relates at least to ANSI T1.105.01-1998 §§ 1, 4-5, 7.
2. **Statement of Patent Holder:**

Please check one of the following statements:

a) A license shall be made available without compensation to the applicants desiring to utilize the license for the purpose of implementing the standard.

b) A license will be made available to applicants under reasonable terms and conditions that are demonstrably free of any unfair discrimination.

c) The patentee does not hold and does not anticipate holding any invention the use of which would be required for compliance with the proposed American National Standard.

Signed: [Signature]
Vice President, IP Licensing & Transactions

(Name) Stuart Wilkinson
(Title)

Company: Nortel Networks Limited

Date: 29/5/01

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Please send this form to:

ANSI
Procedures & Standards Administration Department
11 West 42nd Street
New York, New York 10036

Questions may be sent to: psa@ansi.org or via fax to (212) 730-1346