



# EXHIBIT 1

## Application and Letters

Applicant: Northern Telecom Ltd.

For Certification on:

AB6OUDS8000



# APPLICATION FOR EQUIPMENT AUTHORIZATION

AmericanTCB, Inc.  
6731 Whittier Avenue  
McLean, VA 22101  
Ph: (703) 847-4700 FAX: (703) 847-688

Support@AmericanTCB.com

## SECTION I - ALL ITEMS IN THIS SECTION MUST BE COMPLETED

1. Applicant's complete, legal business name Nortel Networks Corporation		Check here if this is a change in name and/or address not previously reported (See CFR §2.934) <input type="checkbox"/>	
2. Applicant's mailing address (Line 1) 5050 – 40th St. N.E.		<b>ATCB Use Only</b> Equipment Code:  Engineer:  Examiner:	
Applicant's mailing address (Line 2) (if required)			
City Calgary	State or Country (if foreign address) Alberta, Canada		
ZIP/Postal Code T3J 4P8	3. FCC ID: (a) Grantee Code A   B   6	(b) Equipment Product Code (14 characters maximum) OUDS8000	
4. Name, Title and Mail Stop, if any, of person at the applicant's address to receive grant, or for contact: (See instructions) Thomas Wong			
5. (a) Telephone No. (Area/Country/City Code, No. and Ext.) 403-769-2425		(b) FAX No. (Area/Country/City Code and No.) 403-769-7806	
(c) Internet e-mail address: thomaswg@nortelnetworks.com			

## SECTION II – CONTACT INFORMATION

1.(a) <b>Instead of Applicant, original Grant shall be mailed to:</b> Firm Name, Sanmina Canada ULC Number, street, 6751 9 <sup>th</sup> Street N.E. City, Calgary State/Country, Alberta ZIP/Postal Code T2E 8R9	
(b) Name, Title and Mail Stop, if any, of person at above address to receive Grant: Glen Moore	
2.(a) <b>Technical contact:</b> Firm Name, Sanmina Canada ULC Contact person, Glen Moore Number, street, 6751 9 <sup>th</sup> Street N.E. City, Calgary State/Country, Alberta ZIP/Postal code T2E 8R9	(b) Telephone No. (Area/Country/City code, No. and Ext.) 403-295-5144
(d) <b>Internet e-mail address:</b> <a href="mailto:glen.moore@sanmina-sci.com">glen.moore@sanmina-sci.com</a>	(c) FAX No. (Area/Country/City code, and No.) 403-295-8862
(e) <b>Non-Technical contact:</b> Firm Name, Sanmina Canada ULC Contact person, Janet Johantges Number, street, 6751 9 <sup>th</sup> Street N.E. City, Calgary State/Country, Alberta ZIP/Postal code T2E 8R9	(f) Telephone No. (Area/Country/City code, No. and Ext.) 403-295-5125
(h) <b>Internet e-mail address:</b> <a href="mailto:janet.johantges@sanmina-sci.com">janet.johantges@sanmina-sci.com</a>	(g) FAX No. (Area/Country/City code, and No.) 403-295-8862



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## SECTION III –EQUIPMENT AUTHORIZATION SUMMARY

1. **Confidentiality** Does this application include a request for confidentiality for a portion(s) of the data contained in this application pursuant to 47 CFR 0.459 of the Commission's Rules?  Yes  No

2. **Defer** Does the applicant desire the Commission to defer grant of this application pursuant to 47 CFR 0.457(d)(1)(ii)? (See instructions) **NOT APPLICABLE**

3. **Type of equipment authorization requested:**  Certification

4.(a) Equipment Code and description:  

P	C	B
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 Base Transceiver Station

(b) Equipment will be operated under FCC Rule Part(s):  
Part 2J, Part 24E

5. Application is for (Check one box only)

1. Original equipment

2. Change in identification of presently authorized equipment

3. Class II permissive change or modified of presently authorized equipment

Original FCC ID | Grant date

### 6. Equipment Specifications:

(a) Frequency range in MHz	(b) Rated RF power output in watts	(c) Frequency tolerance %, Hz, ppm	(d) Emission designator (See 47 CFR §2.201 and § 2.202)	(e) Microprocessor model number
1930.2 – 1989.8	30	24 Hz	300KGXW	

### 7. Is the equipment in this application:

(a) a composite device subject to more than one type of equipment authorization?  Yes  No  
(b) part of a system that operates with, or is marketed with, another device that requires an equipment authorization?  Yes  No

8. (a) **Additional type of equipment authorization required:**  Certification  Notification

(b) The related application checked in item 7.(a) (Check one box only)

has been filed at the same time as this application under the FCC ID listed below

has been granted under the FCC ID below

is in the process of being filed under the FCC ID listed below

is pending with the FCC under the FCC ID listed below

FCC ID

9.(a) **Name of test firm on file with the FCC**, if different from applicant or contact person:

Nortel Networks SA

(b) Mailing address,:  
Parc d'activite de Magny-Chateaufort  
Chateaufort  
78928 Yvelines Cedex 9 France

(c) Telephone No. (Area/Country/City code, No. and Ext.)  
33(0)1 39 44 53 94

(d) FAX No. (Area/Country/City code, and No.)

(e) Internet e-mail address: [acaille@nortelnetworks.com](mailto:acaille@nortelnetworks.com)



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## SECTION IV - Read each certification carefully before answering and signing this application.

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT(U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).**

### 1. SECTION 5301 (ANTI-DRUG ABUSE) CERTIFICATION:

The applicant must certify that neither the applicant nor any party to the application is subject to a denial of Federal benefits, that include FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §862 because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the definition of a "party" for these purposes.

Does the applicant or authorized agent so certify?       Yes       No

### 2.(a) APPLICANT/AGENT CERTIFICATION:

I certify that I am authorized to sign this application. All of the statements herein and the exhibits attached hereto, are true and correct to the best of my knowledge and belief. In accepting a Grant of Equipment Authorization issued by the FCC as a result of the representations made in this application, the applicant is responsible for (1) labeling the equipment with the exact FCC ID specified in this application, (2) compliance statement labeling pursuant to the applicable rules, and (3) compliance of the equipment with the applicable technical rules. If the applicant is not the actual manufacturer of the equipment, appropriate arrangements have been made with the manufacturer to ensure that production units of this equipment will continue to comply with the FCC's technical requirements.

Authorizing an agent to sign this application, is done solely at the applicant's discretion; however, the applicant remains responsible for all statements in this application.

If an agent has signed this application on behalf of the applicant, a written letter of authorization which includes information to enable the agent to respond to the above Section 5301 (Anti-Drug Abuse) Certification statement has been provided by the applicant. It is understood that the letter of authorization must be submitted to the FCC upon request, and that the FCC reserves the right to contact the applicant directly at any time.

*Md. Sazzad Hossain*

October 7, 2002

Original written signature of authorized signer

Date (Month, Day, Year)

Mohammad Hossain on behalf of Glen Moore

EMC Design Engineer

Typed/printed name of authorized signer

Title of authorized signer

Complete items below if an agent signs the application,

(b) Mailing address:  
Number, street,      6751 9<sup>th</sup> Street N.E.  
City,                      Calgary  
State/Country          Alberta, Canada  
ZIP/Postal code        T2E 8R9

(c) Telephone No. (Area/Country/City code, No. and Ext.)  
403-295-5144

(d) FAX No. (Area/Country/City code, and No.)  
403-295-8862

(e) Internet e-mail address:      glen.moore@sanmina-sci.com



SANMINA-SCI

## Certification Application

October 7, 2002

American Telecommunications Certification Body, Inc.  
6731 Whittier Avenue  
Suite C110  
McLean, VA 22101

RE: Class 2 Permissive Change  
FCC ID: AB6OUDS8000

Dear Sir/Madam,

Please accept this application for the certification of the product filed under Part 2 Subpart J, for equipment operating under Part 24 Subpart E of the regulations of the Federal Communications Commission. With authority to act as an agent, Sanmina-SCI is filing this application for certification on behalf of Nortel Networks.

Please note that Frequency Stability was not tested because the H4D is a passive component, and would not affect the BTS frequency stability. This statement can be found in Exhibit 2, page 6. Also, emissions measurements were not performed and an explanation is provided in Exhibit 3, page 1.

Please find the following attached exhibits:

EXHIBIT 1 Application and Letters  
EXHIBIT 2 Test Report  
EXHIBIT 3 H4D Technical description (Block diagram, photo etc.)

Please accept a request for confidentiality of sensitive information contained in this application. The request for confidentiality applies to the following section(s):

EXHIBIT 3 H4D Technical description (Block diagram, photo etc.)

Please contact me if any further information is required.

Sincerely,

Mohammad Hossain  
EMC Design Engineer  
Sanmina-SCI Canada ULC  
Ph: (403) 295-5122  
Mohammad.hossain@sanmina-sci.com  
Sanmina-SCI Canada ULC  
On behalf of Nortel Networks



SANMINA-SCI

Letter on behalf of Manufacturer

October 7, 2002

American Telecommunications Certification Body, Inc.  
6731 Whittier Avenue  
Suite C110  
McLean, VA 22101

RE: Class 2 Permissive Change  
FCC ID: AB6OUDS8000

**To Whom It May Concern:**

Please be advised that the manufacturer will ensure that the above-referenced model will be manufactured in accordance with the FCC Rules and Regulations.

Thank you for your attention to this matter.

Sincerely,

*Md. Sazzad Hossain.*

Mohammad Hossain  
EMC Design Engineer  
Sanmina-SCI Canada ULC  
Ph: (403) 295-5122  
Mohammad.hossain@sanmina-sci.com  
Sanmina-SCI Canada ULC  
On behalf of Nortel Networks