

SEDAR[®] SUBSCRIBER UPDATE

April 28, 1999

CODE UPDATE

Please be advised that a SEDAR Code Update is going to occur on Monday, May 3, 1999. The entire Code Update is approximately 1.5MB in size and should take less than 15 minutes to download using a 14.4 modem.

The SEDAR program will automatically detect and download the code update when you try to access the SEDAR server. Once the code update has been downloaded, close the SEDAR program and follow the instructions below to execute the code update.

Windows 3.1 and 3.11 Users: Double click the Code Update icon in the SEDAR program group

Windows 95/NT4.0 Users:

1. Click the Start button located at the bottom left corner of the screen
2. Select programs
3. From the Program menu, select SEDAR and then select Code Update

Please note that this code update will bring the SEDAR client application up to version 005.005.001.

The code update will include:

1. The latest Anti-Virus signature files
2. Code fixes due to recent problems related to file decompression. The problems were experienced mainly by the securities regulatory authorities and exchanges when downloading filings.

MINIMUM HARDWARE REQUIREMENTS FOR SEDAR FILINGS

A new SEDAR release (6.0) is planned to be implemented as of August 2, 1999. Due to a number of factors, such as no longer supporting Window 3.1 and 3.11 platforms, the SEDAR system requirements have been reviewed by ourselves and the SEDAR Working Group (which is comprised of securities regulatory authorities and exchanges). The new requirements, which are attached below for your reference, will go into effect as of the implementation of the new SEDAR release 6.0. Although the new requirements do not go into effect for a number of months, we would like to ensure that you have sufficient time to review and upgrade your system, if necessary.

The following is a list of **minimum** computer hardware requirements for subscribers operating the SEDAR Filer Software.

Hardware Requirements:

- Personal computer with Intel Pentium 100 MHz or higher or compatible processor
- 16 MB RAM (32 MB RAM is recommended if the subscriber is using Windows 95)
- 32 MB RAM (48 MB RAM is recommended if the subscriber is using Windows 98)
- 32 MB RAM (64 MB RAM is recommended if the subscriber is using Windows NT Client Workstation Version 4.0)
- 50 MB free space on the hard drive
- VGA monitor (colour SVGA 800 X 640 is recommended)
- Mouse or compatible pointing device
- CD-ROM drive is strongly recommended

For Dial-Up (Modem) Access:

- Hayes compatible modem
- An outside analog phone line, or 500 type analog jack through a PBX
- Modem for data transmission capable of transmitting data at 9600 bps. The SEDAR Network can support dial-up communications of speeds up to 56,000 bps.

- Note:**
- A modem of speed 28.8 Kbps or higher is recommended.
 - For modem speed of 56,000 bps, only U.S. Robotics x2 technology is supported (V.90 should also work but all brands have not been tested).

For Leased Line (Router) Access:

The following routers are currently supported:

- IBM - 2210, 6611 (supported for existing subscribers, not new subscribers)
- Cisco - 2501, 2502, 4000

SEDAR SERVICES

SEDAR Release 6.0, which is planned to be implemented this summer, will be distributed on CD-ROM. It is important that all Subscribers complete and return, by fax, the SEDAR Subscriber Input Form. **If we do not receive a completed SEDAR Subscriber Input Form by May 10, 1999 we will assume you have CD-ROM reading capability, and supply you accordingly.** A copy of this form can be found on our web site at www.sedar.com the "About SEDAR" section, under "Subscriber Information" Subscriber Update dated March 31, 1999.

REMINDER TO UPDATE FILER PROFILE INFORMATION

Pursuant to Section 5.1(3) of National Instrument 13-101, an electronic filer must file an amended filer profile within 10 days following any change in the information contained in the filer profile. The process for amending a filer profile is outlined in Section 6.4(b) of the SEDAR Filer Manual.

The above reminder is in response to comments received from users of the SEDAR System and the SEDAR Website that some of the information on the filer profiles (such as issuer contact information, mailing address, etc.) is out of date.

CHANGES TO FEES UNDER THE NEW BRUNSWICK SECURITIES ACT

Effective April 1, 1999 the New Brunswick Securities Act was amended to implement new amounts to be charged to new applicants and registrants. The current fees as set out in the section 11 of the General Regulation, are now set out in **Schedule A** to the Act (see attached). The amendments include a new \$1,000.00 fee for annual information forms, other than mutual fund AIF's. The method of calculating amounts payable on filing of prospectuses is changed so that the existing amounts are payable for each security issuer as well as additional units, series or classes of securities of each securities issuer. Also, the amount to be charged to amend a prospectus will now be based on the number of security issuers described in the original prospectus. Finally, the timing of payment of the amounts is amended so that they are payable when applications are filed, not when receipts or certificates are issued.

For further information, please contact the Office of the Administrator at (506) 658-3060.

**If you have any questions please contact your local Customer Support Representative,
or the SEDAR Help Desk at 1 (800) 219-5381.**

New Brunswick Fees

Description
*Any Preliminary or Pro Forma Prospectus, if the principal filing jurisdiction is other than New Brunswick, for each security issuer (\$1,000)
Any Preliminary or Pro Forma Prospectus, if the principal filing jurisdiction is New Brunswick, for each security issuer (\$1,250)
*For each additional class, unit or series of each security issuer included under a Prospectus (\$300)
A Preliminary Prospectus filed under Shelf Procedures, as above (\$1,000/\$1,250)
A Preliminary Prospectus filed under the Post-Receipt Pricing System (PREP), as above (\$1,000/\$1250)
Prospectus Supplement filed under the Shelf Procedures (\$1,000)
*Amendment to any final Prospectus, for each class, unit or series of securities to be issued by each security issuer (\$100)
Amendment to a final Prospectus or Supplement filed under the Shelf Procedures (\$100)
Amendment to a final Prospectus under the Post-Receipt Pricing (PREP) (\$100)
Any type of Exemption Order, each application (\$500)
*Annual Information Form, other than mutual funds, (\$1,000)

* NEW OR CHANGES TO DESCRIPTION FOR AMOUNTS TO BE CHARGED