

Spectrum Auctions in Canada



Canada's First Spectrum Auction

24 GHz and 38 GHz - Fixed Wireless Broadband (1999)

- First country in the world to use the Internet with encryption and digital signatures to auction off spectrum licences
- One of the largest business to government transactions to have ever occurred over the Internet
- Largest number of licences Industry Canada has ever assigned in a single process (258 licences, over \$170 million in licence fees)
- Gold medal awarded to Industry Canada in the category “**Enhancing Government Operations: Improving Systems and Services**”



Canada's Second Spectrum Auction

2 GHz – Personal Communications Services (PCS) (2000)

- Building on success of first auction
- Government increased its efficiency in allocating spectrum licences in a timely manner
- 52 licences auctioned (\$1.48 billion)
- Increased availability of adequate spectrum resources to meet the needs of the expanding PCS market
- Enabled the introduction of new offerings such as third-generation (3G) PCS



Canada's Upcoming Spectrum Auction



2300 MHz - Wireless Communication Services and

3500 MHz - Fixed Wireless Access (2004)

- Will facilitate the implementation of new and innovative wireless services in urban and rural areas
- Scheduled to start in early 2004
- Will use safe and efficient encryption and digital signature technology



Where to Get the Information

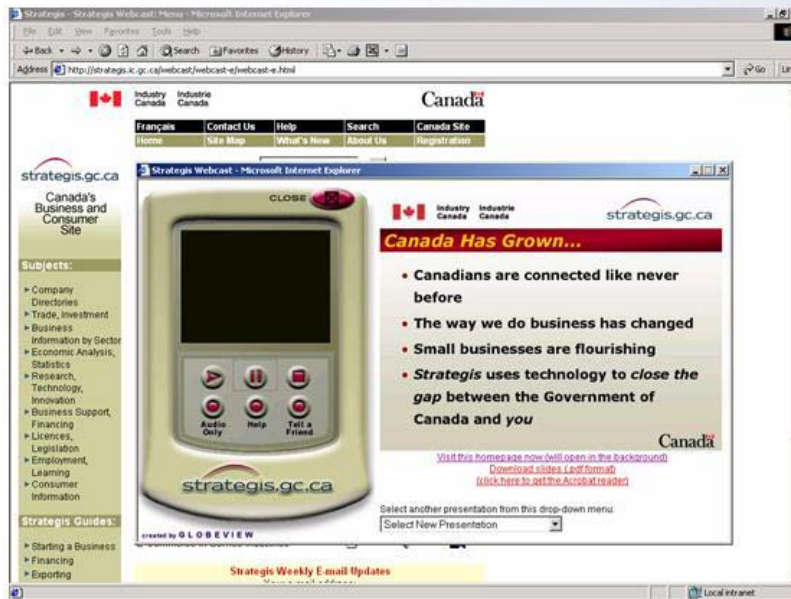


- All documentation regarding the upcoming 2300 MHz and 3500 MHz auction will be available on-line at:
 - <http://strategis.gc.ca/spectrumauctions>



- **Bidders online training:**
 - For the first time, all bidders will be trained via an on-line on-demand audio/video Internet streaming presentation (commonly called Webcast)

Auction Webcast



- ✓ Easy to use
- ✓ Downloadable 24/7
- ✓ Accessible from anywhere in Canada and worldwide
- ✓ Technology that meets Canadians' needs

Bidders On-line Training



- Soon available at:
<http://strategis.gc.ca/spectrumauctions>
- Will cover:
 - Auction policy
 - Licence conditions and procedures
 - Auction software demo

Stay tuned!

2300 MHz and 3500 MHz Auction – Policy Paper



- Ready to download now:
 - *Policy and Licensing Procedures for the Auction of Spectrum Licences in the 2300 MHz and 3500 MHz Bands*

<http://strategis.gc.ca/spectrumauctions>

E-mail Distribution List



<http://strategis.gc.ca/spectrumauctions>

Spectrum Auctions - Microsoft Internet Explorer

Address: http://strategis.gc.ca/epic/Internet/leont-gst.rtf/vvGemeatdtrbrEh_d01714e.html

Communications Services

- Satellite Services
- Spectrum Auctions
- Reference Documents
- Service Areas for Competitive Licensing
- Spectrum Auctions in Other Countries
- Spectrum Licensing
- Wireless Communication Services (WCS) and Fixed Wireless Access (FWA)

Bands

Completed:

- (02) [Auction of Additional PCS Spectrum in the 2 GHz Frequency Range](#)
- (01) [Auction of the 24 and 38 GHz Frequency Bands](#)

E-mail Distribution List

Email: Spectrum.Auctions@ic.gc.ca

To add your name to Industry Canada's [e-mail distribution list](#) to receive important announcements and licensing information regarding Spectrum Management Policy and Licensing Procedures.

Quick Links

- [Reference Documents](#)
- [Service Areas for Competitive Licensing](#)
- [Spectrum Auctions in Other Countries](#)
- [Spectrum, Information Technologies and Telecommunications Gateway](#)