

## Telex ensures seamless communications along St. Lawrence Seaway

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Telex Dispatch equipment is ensuring seamless communications along the length of one of the world's busiest maritime thoroughfares: the St. Lawrence Seaway.

Working with Denis Aubé from Cartel Communications Systems, the Seaway has been able to determine the best configuration possible for their needs. The main goals were to provide a communication system that would answer all of their requirements, provide a user-friendly GUI interface, interoperability and an easy path for future upgrades.

The Seaway's primary communications center is at St. Lambert, QC – one of the seven main locks that connect the Seaway's system of canals. The St. Lambert location is equipped with two primary Telex C-Soft positions (interfaced with IP-223 ROIP adapters), one of which is a supervisory position for controlling communications over the length of the Seaway – about 200 KM. Three more C-Soft positions are dedicated to controlling the locks. All of the above are backed up by two identical C-Soft positions at a smaller center at lock two in Sainte-Catherine, QC.

Eight Telex IP-1616 consoles are distributed at the seven locks along the Seaway, allowing the main St. Lambert center to communicate locally with other communications colleagues, maintenance staff, ships, etc. In addition, 12 IP 2002 consoles were specified for specific management locations to access different channels.

All audio traffic is recorded on Telex Network recorders with RDR (Remote Data Reviewer) capability from remote locations. This recorder logs all audio traffic and events from each console and makes that information available to the various RDR locations for viewing.

The primary reason the Telex System was chosen was the IP capability, providing the flexibility that was needed over the length of the Seaway.



**About the Telex IP-223 IP network remote adapter:**

The Telex IP-223 IP network remote adapter provides a reliable means of remotely controlling up to two two-way radio base stations. The adapter can be used in conjunction with all Telex IP-based consoles and software consoles.

The most versatile radio controller available today, the IP-223 provides ultimate compatibility with new radio frequency standards.

- Convert existing analog dispatch equipment to IP backbone
- Extend the reach and capacity of your communication infrastructure
- Control all radio functions
- Interface with telephone, satellite, and cellular devices

- Transmit audio and control information via Ethernet connection
- Link multiple IP-223s with its flexible, modular design

[www.telex.com](http://www.telex.com)

[www.boschcommunications.com](http://www.boschcommunications.com)

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*The Communications Systems Division of Bosch Security Systems, Inc. is one of the world's leading manufacturers and suppliers of professional audio, wireless, life safety, and communication equipment, offering complete system solutions for the world's most critical installations and events.*

Additional information can be accessed at [www.boschcommunications.com](http://www.boschcommunications.com)

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