

# REPEATERS



## Inventory

	Great Lakes	Quebec	Atlantic	Total
Total	2	5	4	11

## Application

The 800 MHz repeater is employed to set up a conventional radio system providing a large area of coverage on a single channel. ECRC has the ability to cascade 11 repeaters to a spill site to create a larger band of coverage using a total of four conventional communication channels. Each field operation centre has its own dedicated repeater mounted and ready to operate; other units are portable and can be set up in remote areas, where road access is difficult.

## Description

The Motorola Quantro 800 MHz Station operates on one of four sets of dedicated ECRC frequencies. These units can also be configured to create a trunked radio system with fleeting and sub-fleeting capabilities to satisfy major communications requirements. Dedicated transportation cases, meeting air transportation specifications, are available for the transportation of repeaters.

## Operating data

Range: +/- 20 km radius, depending of location  
Output: 30 watts  
Operates on one of four sets of dedicated ECRC frequencies in duplex (conventional) mode.

## Ancillaries

SRL 401 antenna  
33 metre cables  
Speaker  
Microphone  
Shipping case

## Technical data

Frequency Range: 806-825 MHz  
851-870 MHz  
Power Supply: 120 Volt  
Dimension:  
Height: 1.2 m (46 in)  
Width: 0.5 m (20 in)  
Length: 0.5 m (20 in)  
Weight: 50 kg (110 lbs)