



International Telecommunication Union

Telecommunications for Disaster Relief in Canada

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Government Legislation and Policies

- o Emergencies Act
- o Emergency Preparedness Act
- o Federal Policy for Emergencies



Government Requirements

- Ensure the availability of telecom during periods of system overload or degradation
- Advise and assist all levels of govt. & private or public telecom undertakings
- Coordinate public alerting
- Facilitate the provision of appropriate telecom equipment



Programs and Capabilities

- o Emergency Telecommunications Service (ETS)
 1. Priority Access for Dialing
 2. Carriers network management
 3. High Probability of Completion (under study)
 4. Wireless Priority Access (under study)



Programs and Capabilities

- o Partnerships w/ telecom industry & other government levels
 - 1. Network and protocol analysis (PAL LAB)
- o National Support Plan (NSP)



Programs and Capabilities

- o National Critical Infrastructure Assurance Program (NCIAP)
 1. Critical infrastructure owned by private industry (95%)
 2. Increased frequency & sophistication of physical and cyber threats
 3. Reduced response time for cyber threats
 4. Interdependencies means collaboration necessary between sectors



Programs and Capabilities

- o Canadian Public Safety Radiocommunications Project
 1. To improve co-ordination among public safety organizations regarding key issues (i.e. spectrum planning, interoperability)
- o The Tampere Convention
 1. Signed by Canada in 1999 and ratified in 2001



Perspectives

- o Difficulties encountered
 1. Collaboration without profit
 2. Information exchange: confidentiality, liability, competition
 3. New priorities and funding
- o Future needs and issues
 1. Cooperation rather than legislation
 2. ITU's lead role for standards, guidelines and best practices
 3. International collaboration on cyber issues



Additional Information

- o IC Emergency Telecommunications (PAD, HPC, WPA and other programs & projects):
<http://spectrum.ic.gc.ca/urgent>
- o Office of Critical Infrastructure Protection and Emergency Preparedness (NSP & NCIAP):
<http://www.ocipep.gc.ca>



Questions?