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**CETTE PRÉSENTATION NE CONTIENT
AUCUNE INFORMATION CLASSIFIÉE**



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Government of Canada Response to Emergencies

**Presentation to the National Standards System
Conference 2008**

Craig Oldham

Director, Government Operations Centre

03 June 2008



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Presentation themes:



- Overview of Public Safety / Government Operations Centre.
- Coordination with governments, NGOs and private sector.
- Use of standards in preparing for, responding to and/or coordination of efforts in emergency situations.



Government of Canada Re-organization for Emergencies



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Before 9/11



- National security and emergency management were separate.
- Confusion over who was lead department for response in various emergencies
- No established national centre for strategic / national management of emergencies
- No established systematic approach for high level decision making
- No national plan which included how to coordinate efforts with international partners, federally, and with Provinces and Territories.

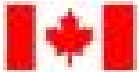
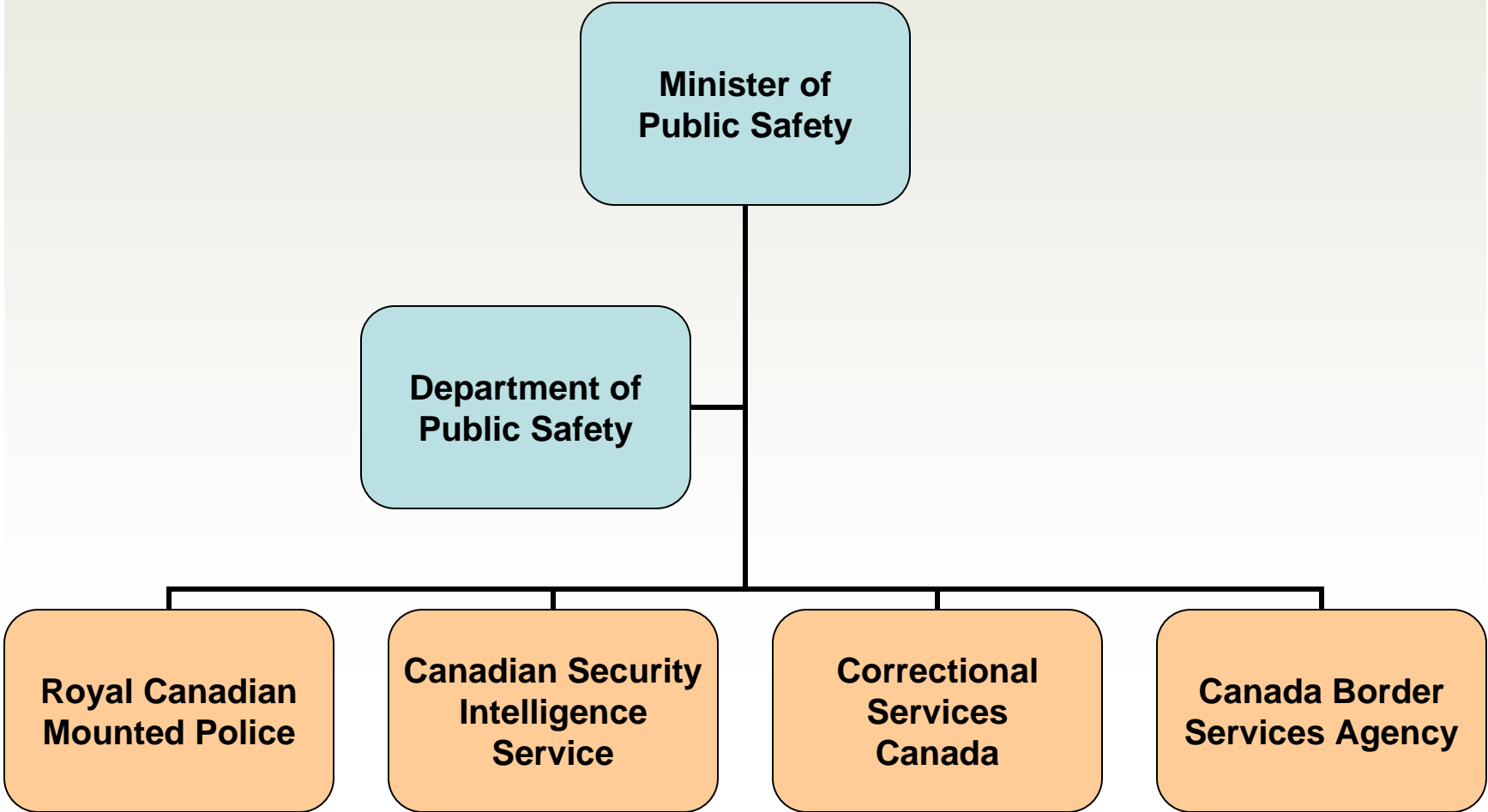


Post 9/11



- Establishment of Public Safety Canada
 - Combination of national security and emergency management
 - National leadership in emergencies
- Establishment of a national operations centre to manage emergencies
- Establishment of a decision making process
- A national plan for horizontal and vertical coordination of effort.

Public Safety Canada



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Legislative Framework



- Public Safety's departmental legislation
"The Minister shall, at the national level, exercise leadership relating to public safety and emergency preparedness."
- *Emergency Management Act*
"The Minister is responsible for exercising leadership relating to emergency management in Canada by coordinating, among government institutions and in cooperation with the provinces and other entities, emergency management activities."





Federal Emergency Response Plan (FERP)



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Federal Emergency Response Plan (FERP)



- **The Federal governments all-hazards response plan.**
- Guides a comprehensive and harmonized federal response to emergencies that require an integrated Government of Canada approach.
- In conjunction with the response efforts of provinces/territories, non-governmental organizations, the private sector, and international partners.
- Based on the tenets of the Incident Command System.

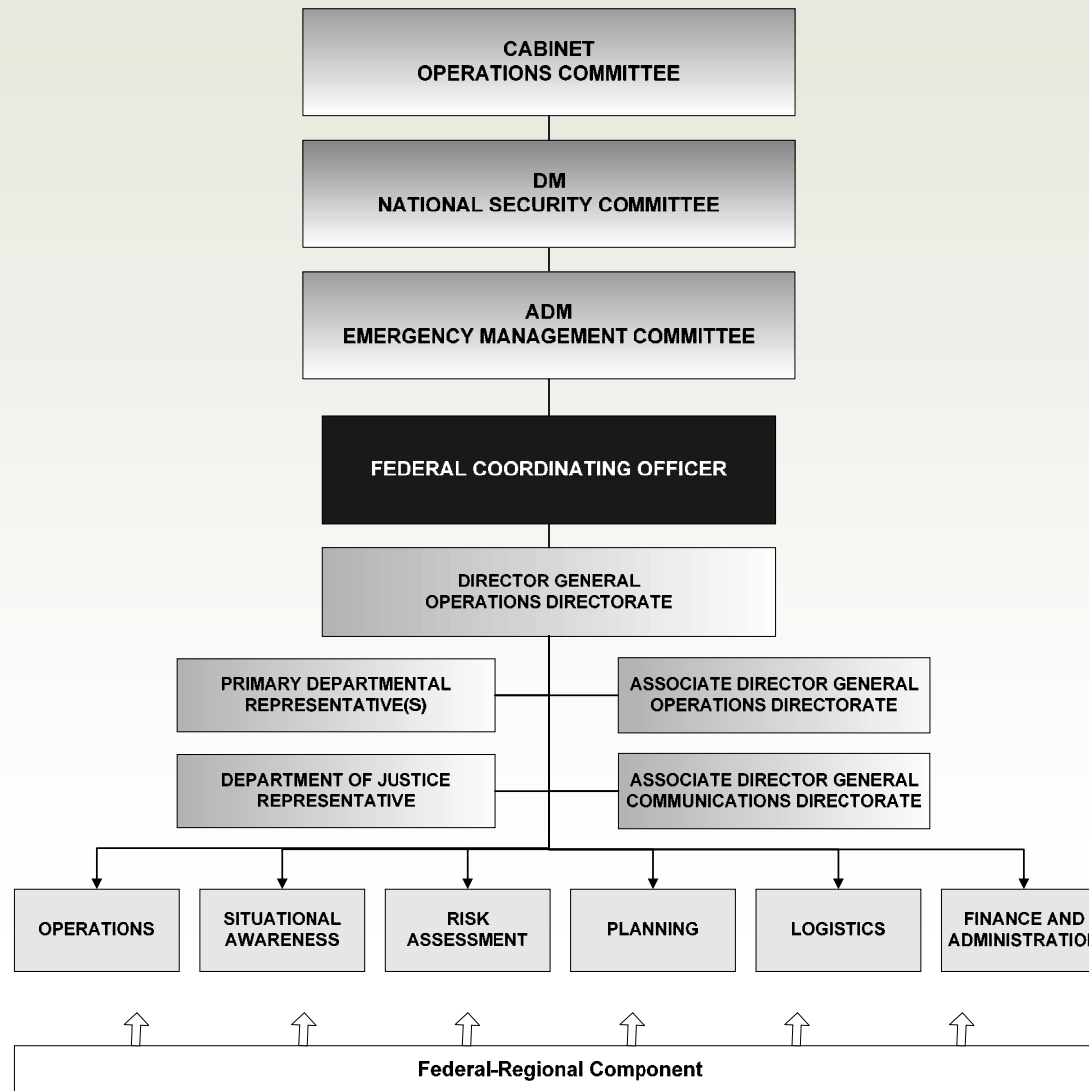
Aim and Objectives of the Federal Emergency Response Plan



Ensure federal mandates are harmonized to provide a well informed and integrated emergency response that is complementary to provincial and territorial activities.

- Save lives and protect property through:
 - Support to federal ministers and senior officials to ensure an integrated federal response
 - Support to responding agencies and departments
- Based on Incident Command System and the military Continental Staff System.

Functional Structure



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Emergency Support Functions



- Emergency response actions in support of the needs that are anticipated to arise prior to or during an emergency.
- Each function has a responsible department whose mandated activities are most related to those set forth in the function or with the expertise to accomplish the task.
- Other departments may be required to support the responsible department based on their resources and capabilities.

Emergency Support Functions



1. Transportation (TC)
2. Telecommunications (IC)
3. Agriculture and Agri-Food (AAFC/CFIA)
4. Energy Production and Distribution (NRCan)
5. Public Health and Essential Human Services (HC/PHAC)
6. Environment (EC)
7. Human and Social Services (HRDC)
8. Law Enforcement (RCMP)
9. International (DFAIT)
10. Government Services (PWGSC)
11. Logistics Operations Management (DND)
12. Public Communications (PS)
13. Border Services (PS/CBSA)

Note: Primary Departments in ()



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The Government Operations Centre



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ROLE OF THE GOC

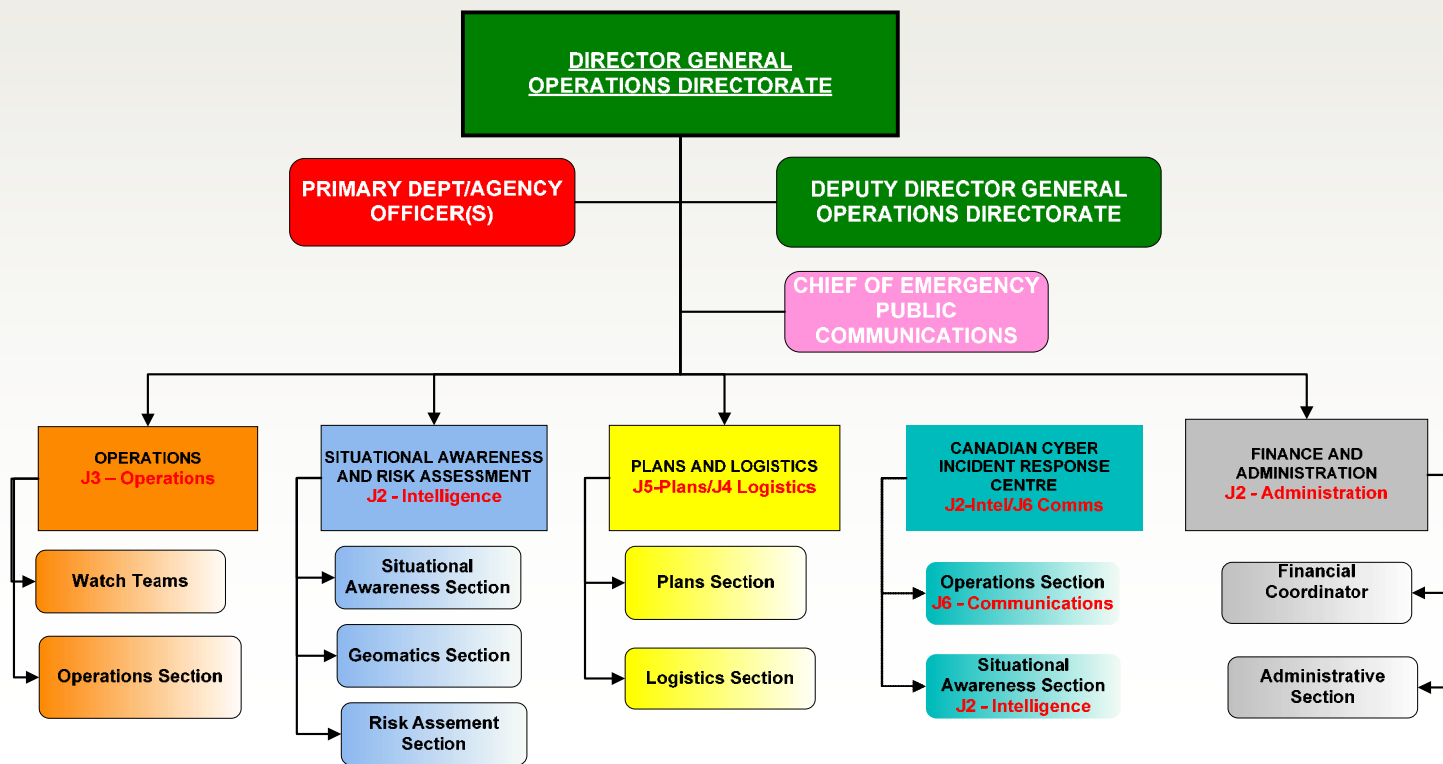


To provide strategic level coordination and direction on behalf of the Government of Canada in response to an emerging or occurring event affecting the national interest.

GOC Functional Structure



Federal Coordinating Officer



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FERP Operations Flow



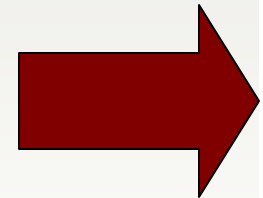
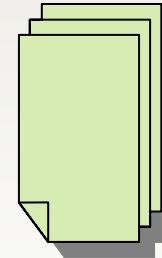
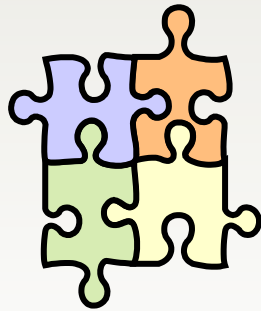
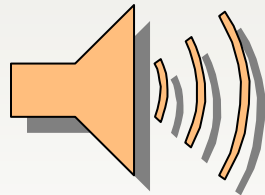
Monitoring
& Reporting

Situational
Awareness

Risk Assessment
Impact Analysis

Planning
Logistics

Operations
Co-ordination



- Notifications
 - Warnings
 - Situation Reports

- Impacts
- Issues
- Vulnerabilities
- Tolerance

- Contingency Plans
- Action Plans
- Advance Planning



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GOC Characteristics

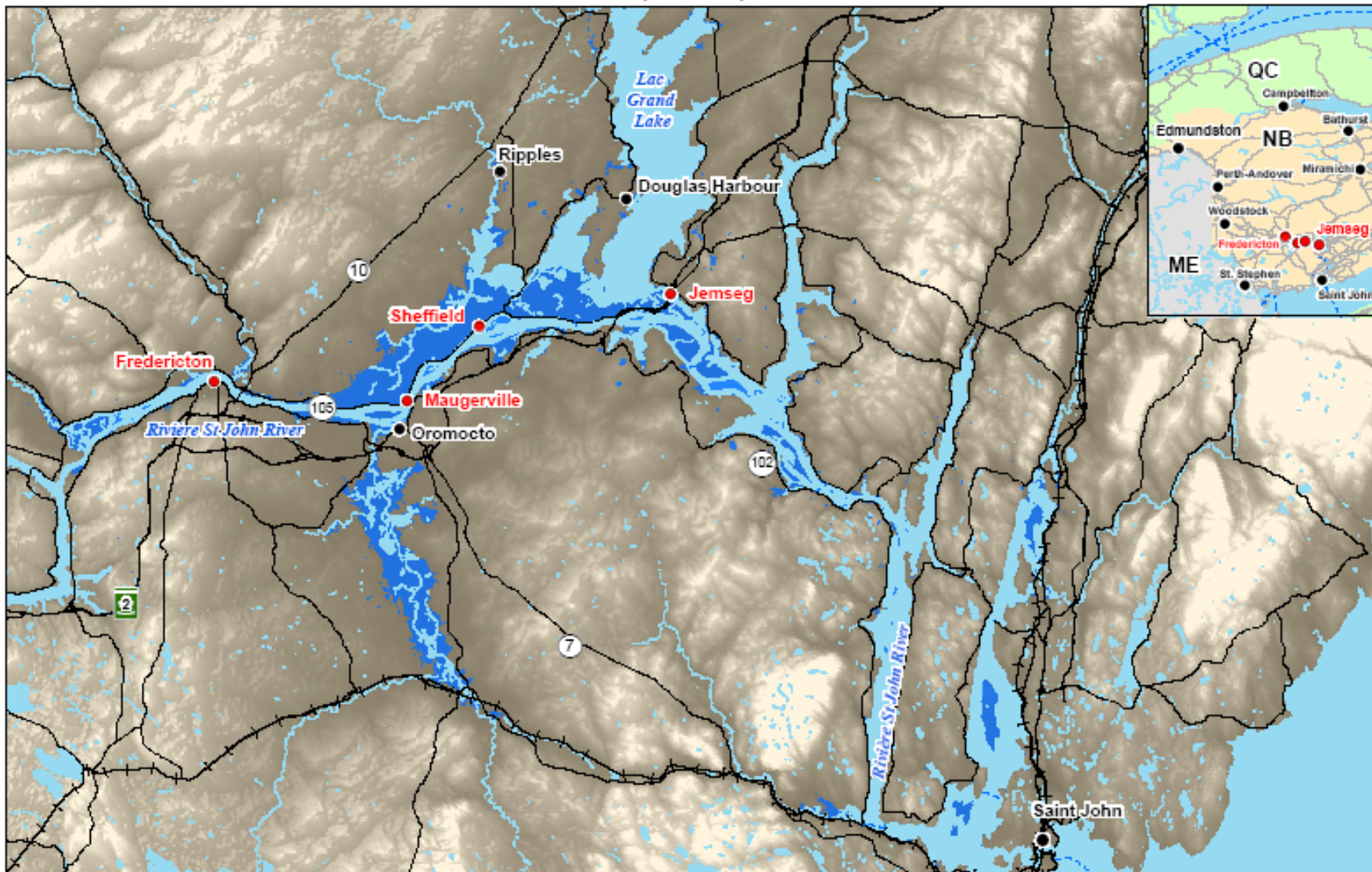


- Mandate for domestic and international incidents.
- Fuses crisis and consequence management.
- Action bias, coordinating pre-emptive and reactive strategic operations.
- Single point of contact for many international events affecting the national interest.
- 24/7 operations.
- Government of Canada's – Public Safety responsible for.

GOC Geomatics Standards

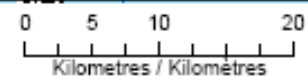


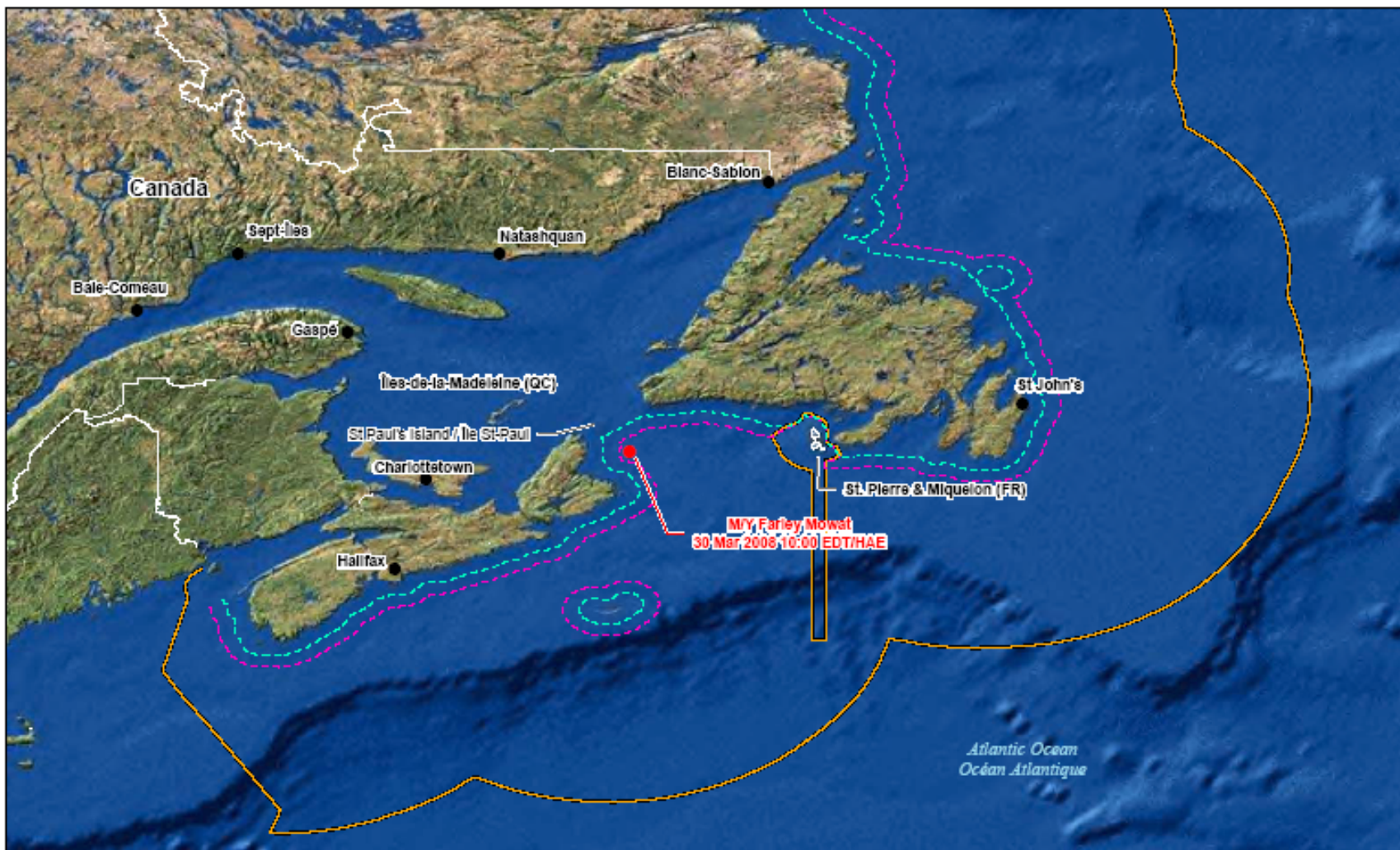
- We use the Open Geospatial Consortium (OGC) standards for data processing and dissemination. Such as Web Map Service (WMS), Web Feature Service (WFS), Or language markups like Geography Markup Language (GML), Keyhole Markup Language (KML)
- We also use the internationally recognized ISO geographic information series of standards 19101.
- We will be establishing other standards for geomatics interoperability such as the Common Alerting Protocol (CAP) for sending geographic info between departments
- **GeoRSS** is an emerging standard for encoding location as part of an RSS feed. This will be used in the updated version of Black Coral and can also be used in other programs like Google Earth.



Legend / Légende

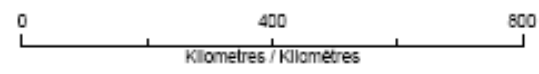
Flood extent / Limite d'inondation	Highway / Autoroute
City / Ville	Ferry service / Service de traversier
Area at flood stage / Secteur où le niveau d'inondation a été atteint	Railway / Voie ferrée



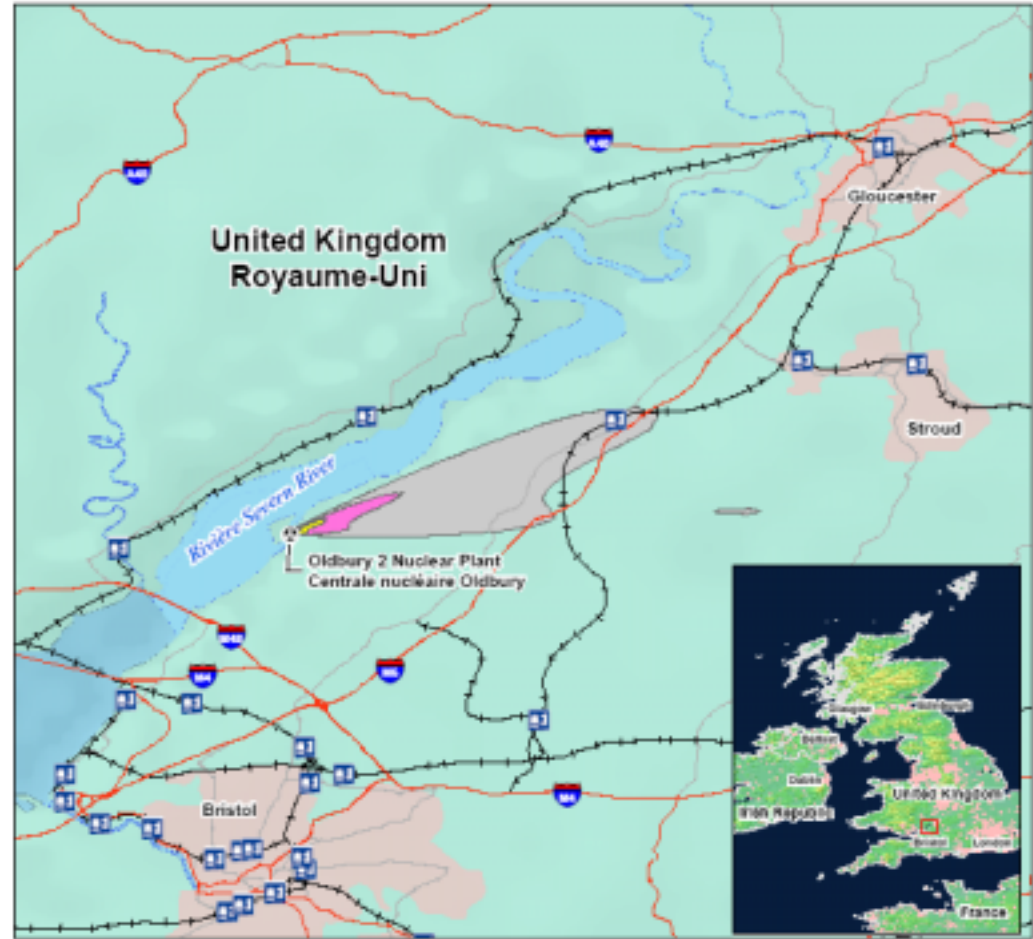


Legend

- Estimated location / Localisation estimée
- - - Territorial Waters / Eaux territoriales (12 nautical miles / milles marin)
- - - Contiguous Zone / Zone contiguë (24 nautical miles / milles marin)
- - - Exclusive Economic Zone / Zone économique exclusive (200 nautical miles / milles marin)



Potential Oldbury nuclear power plant incident
Situation de crise potentiel à la centrale nucléaire d'Oldbury



Incident Information / Renseignements relatifs à l'incident

- Core meltdown and breach of the walls of the containment building
- International assistance is requested
- Fusion du cœur du réacteur et intrusion des murs du bâtiment d'enfermement
- L'assistance internationale est demandée

Directeur de l'OSI 1-800-955-6234
 Web Site 1-800-955-6234
 Site Web 1-800-955-6234
 2005-05-01, Government of Canada / Gouvernement du Canada

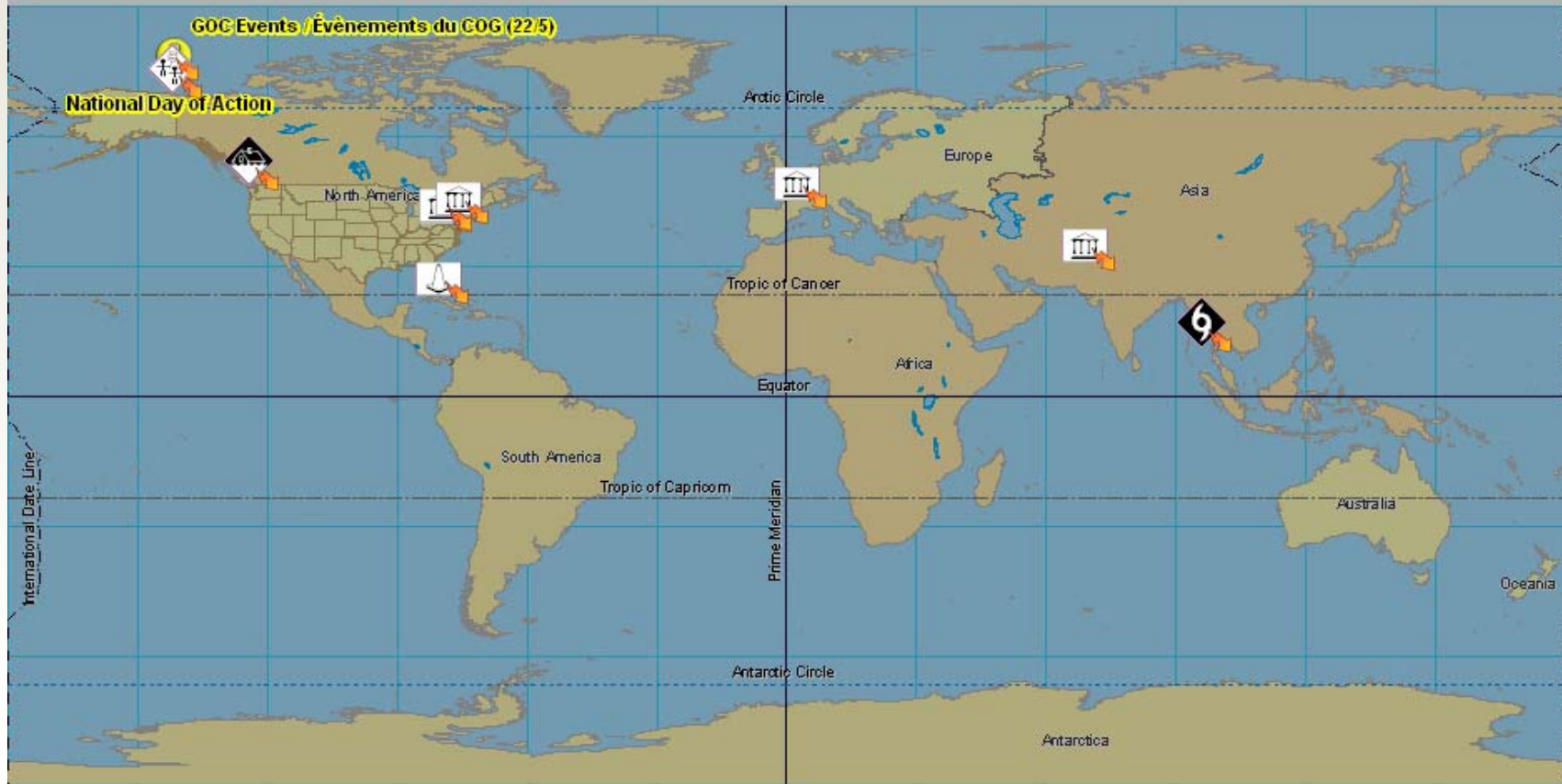


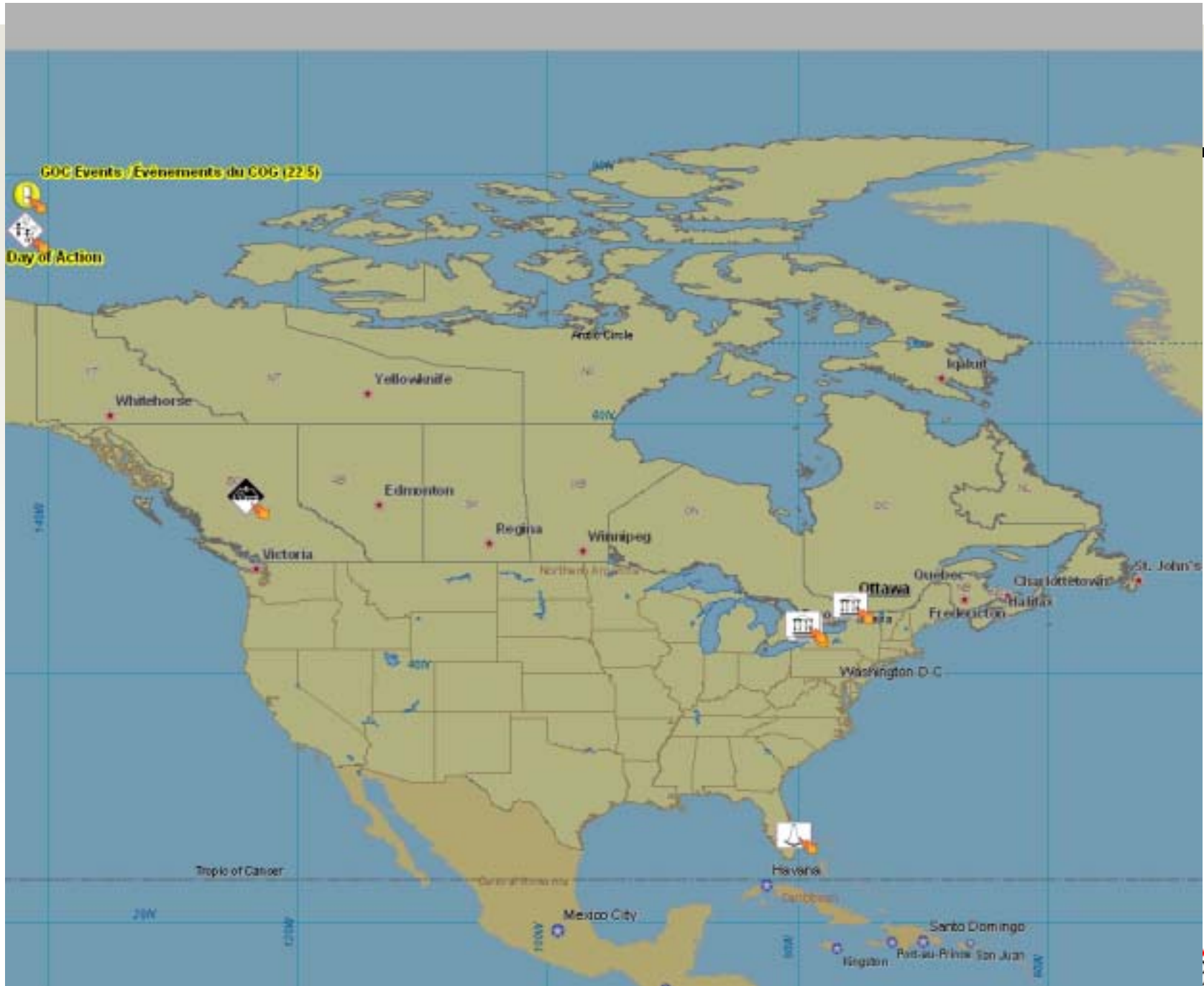
Legend / Légende

Railway station / Gare ferroviaire	Urban area / Zone urbaine
Highway / Autoroute	Evacuate / Évacuer
Road / Chemin	Shelter / Abri
Railway / Chemin de fer	Monitor / Surveiller



Canada Common Operations Environment (CANCOE)







GOC High-Level Events Calendar / Calendrier des événements importants du COG

MAY / MAI 2008 - effective 22 May / mise à jour le 22 mai

For Government Use Only
Réservé à l'usage du gouvernement



May / mai 2008	Threat status source	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
		J	V	S	D	M	L	M	M	J	V	S	D	L	M	M	V	S	D	L	M	M	J	V	S	D	L	M	M	J	V	S
High-Level Visits to Canada / Visites importantes au Canada																																
President of Brazil: Ottawa: POSTPONED	DFAIT																															
Min of Trade IQ: Ottawa	DFAIT																															
GG New Zealand: Ottawa	DFAIT																															
President of Estonia: Ottawa & Toronto	DFAIT																															
President of Ukraine: Ottawa, Toronto, Edmonton, & Winnipeg	DFAIT																															
MFA Iceland: Toronto	DFAIT																															
Vice President Colombia: Toronto, Ottawa	DFAIT																															
Sec Gen Francophonie: Carrefour, Que	DFAIT																															
General Dr. Udi Levi (IL): Toronto	ITAC																															
Visits Outside Canada / Visites à l'étranger																																
TBD: NORAD 50th Anniversary: Colorado Springs, CO	DFAIT																															
GG: France	DFAIT																															
MPS: IL	PSC / ITAC																															
MFA: Croatia	DFAIT																															
MFA: Italy & Vatican	DFAIT																															
PM: Paris, Bonn, Rome & London	DFAIT																															
Domestic Events / Événements nationaux																																
World Cup of Hockey: Quebec City & Halifax																																
AGM of Caribbean Development Bank: Halifax	DFAIT																															
First Nations "National Day of Action": Various locations	INAC / ITAC																															
Caravan to End CA Involvement in Torture: Ottawa and various ON cities/towns	ITAC																															
Shuttle Discovery Launch	TC																															
RV naval de Québec: Québec City	ITAC																															
International Events / Événements internationaux																																
NATO Parliamentary Assay Mtg: Berlin DE	DFAIT																															
High Level Civil Mtg on AF: Paris, FR	DFAIT																															

Assessed Threat Level
High
Medium
Low
Unknown
Cancelled
Postponed

Niveau de la menace
haut
moyen
bas
inconnu
annulé
ajourné

GOC Connectivity



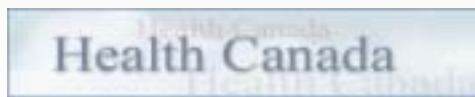
Safety and Security for Canadians



P/Ts



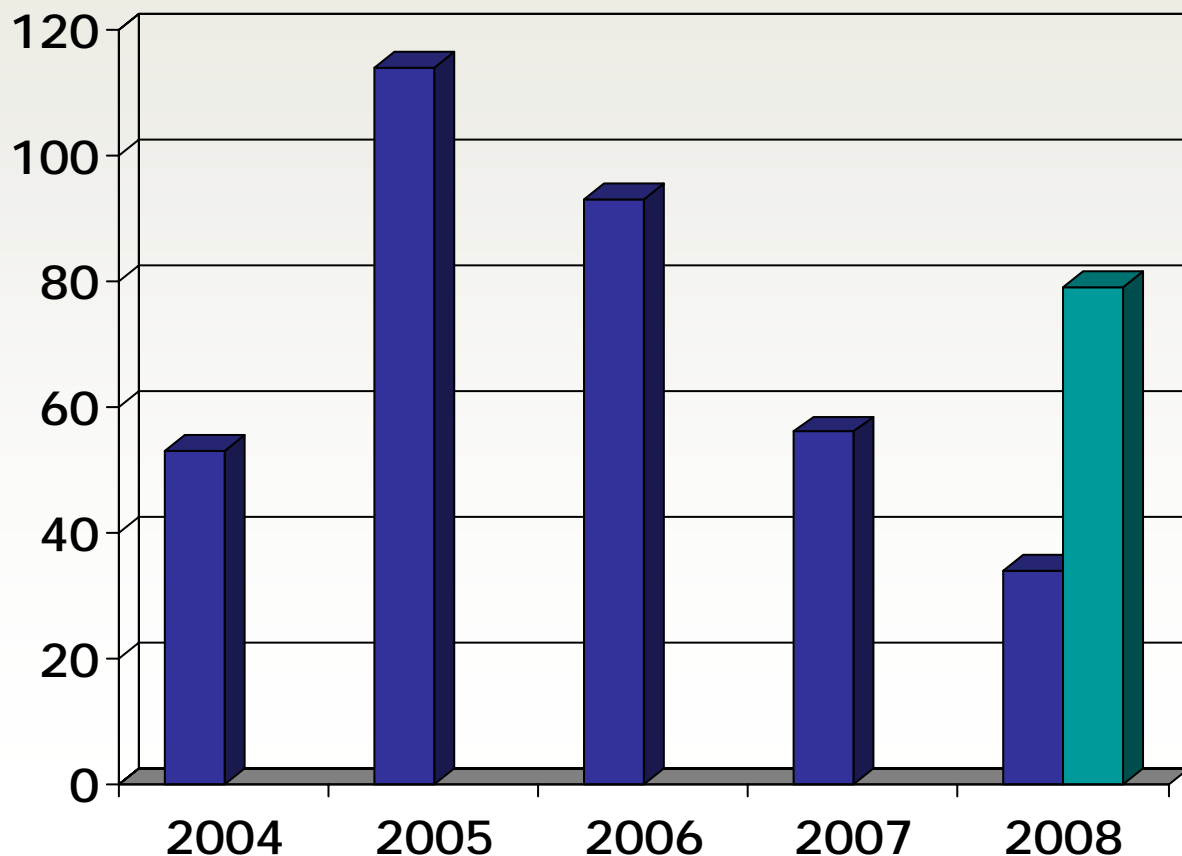
GOC-COG



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GOC Activity Levels (3,500 incidents monitored/yr)



As of 26 May 2008



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