Emergency Management BC Program/Project Update

EPICC Conference—Victoria, BC
September, 29, 2017
AAR Process

- Historic opportunity to capture lessons from major freshet and wildfire events
- Input from local, provincial, federal, private sector, First Nations and NGOs vital towards catastrophic planning
- Align, improve and fill gaps on legislation, policy, procedures and plans
AAR Process

- **Internal debriefs and outreach sessions - Nov**
  - Local Governments, Regional Districts, First Nations

- **Provincial debriefs - Dec**
  - All key Provincial Ministries

- **AAR Conference - Jan**
  - First Nations, Local Governments and Regional Districts (External)
  - Site, EOC, Broader EM Partners
  - Federal, Crown Corp, CI Owners, NGOs, Associations
Emerging Themes

- Increased staffing capacity needed to sustain operations
- ESS requires more refinement for large scale evacuations
- Review of key operational processes and procedures
- Strengthen Interagency coordination
Organizational Changes

• Robert Turner is now ADM with EMBC
• EMBC is working on a new 3 year Strategic Plan that addresses three priority objectives:
  1) Provincial Resilience
  2) Organizational Resilience
  3) Equitable Emergency Management Support to all BC Citizens
• Updated Organizational Structure
EMBC
Organization Structure
BC’s Priority Initiatives

• Province of BC Major Seismic Project Initiatives
• Catastrophic Earthquake Planning
• Supply Chain
• Common Operating Picture
• Draft Five Year Training and Exercise Program
• First Nations Emergency Management Support
• Enhanced Partnerships
• Disaster Mitigation Program
• Local Government Support & Enhanced Public Education
Province of BC
Seismic Initiatives

• Early stages of developing an earthquake early warning and seismic monitoring program for BC

Public Alerting

• Province in the process of developing a public alerting system
• Targeted and location-appropriate alerts and messages to be received on multiple device types and social media channels
• Staff working to ensure public alerting and earthquake early warning program are complementary
Seismic Asset Management Strategy

• Selected a BC engineering firm as successful proponent to develop provincial strategy to guide continued seismic investments with Provincial Ministries

• Strategy is expected to have application and synergies with the earthquake early warning and seismic monitoring program
Catastrophic Earthquake Planning -- Roadmap

- Immediate Response Plan
- Sustained Response Planning
- Recovery Planning

March 2014 - March 2015 - March 2016 - March 2017 - March 2018
Catastrophic Earthquake Planning
Supply Chain

- Supply Chains
- Water (IOC Aug 16)
- Food (Nov 17)
- Medical (2018)
- Mass Shelter (TBD)

Key Attributes
- Reliability
- Responsiveness
- Readiness

Warehousing
Inventory Management
Transportation
Distribution
• Coastal Response demonstrated inability to easily organize information for decision making
• Multi-year project to provide multi-agency, multi-level COP
• Currently in requirements definition phase
• Monitoring other agency efforts for compatibility
<table>
<thead>
<tr>
<th>Date</th>
<th>Name</th>
<th>Region</th>
<th>Lead Agency</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>June 2016</td>
<td>Coastal Response 2016</td>
<td>Vancouver Island and Southwest</td>
<td>EMBC</td>
<td>Earthquake &amp; Tsunami</td>
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<td>October 2017</td>
<td>Salish Sea</td>
<td>Southwest</td>
<td>Public Safety Canada/EMBC</td>
<td>Ferry disaster</td>
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<td>March 2019 (subject to change)</td>
<td>Pacific Express</td>
<td>Southeast</td>
<td>Ministry of Environment</td>
<td>Train derailment &amp; Hazmat</td>
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<td>November 2021</td>
<td>Coastal Response 2021</td>
<td>Southwest Urban setting</td>
<td>EMBC</td>
<td>Earthquake &amp; Tsunami</td>
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Exercise
Salish Sea 2017
First Nations Coordination & Support

On April 1, 2017 EMBC signed a 10 year service agreement with Indigenous and Northern Affairs Canada (INAC)

- EMBC to provide First Nation communities (on reserve) the same type of emergency management services that local governments receive
- Implementation of the agreement doubles EMBC’s client base (181 Local Governments + 193 First Nations)
Emergency Management Partnerships

- Establishes and leads specialized regional emergency management partnership agreements with local governments to address cross-jurisdictional issues
- Coordinates BC’s participation in cross-border arrangements (e.g. PNEMA, EMMA)
- Coordinates and manages agreements with key stakeholders and non-government organizations (e.g. Red Cross)
Disaster Mitigation Program

- To develop provincial resilience against hazards and disasters

Fairmont Creek Flood Event
Mitigation Funding Streams

Provincial

• EMBC – *Environmental Protection Act*

• Community Emergency Preparedness Fund

Federal

• National Disaster Mitigation Program (NDMP)
Support to Local Governments & First Nations

- BCEMS Guide (Standard) --- addresses four phases of EM
- Hazard Risk and Vulnerability Assessment Tool
- Critical Infrastructure Assessment Tool
- Planning Tools -- Emergency Plan Template & Guide
- CEPF – Community Emergency Preparedness Fund to support mitigation, planning, equipment and training
- Seasonal Readiness Workshops
- Training, Education Webinars and Exercises
- Public Education Materials and Templates -- PreparedBC
PreparedBC

- PreparedBC is British Columbia’s one-stop for disaster readiness information.
- Since its creation in 2015, it has built a library of preparedness guides and web resources.
- Core guides:
  - Household Preparedness Guide
  - Fill-in-the-blanks emergency plan
  - Condos, Apartments and Townhomes Guide
  - Guide for People with Disabilities
  - Pet Preparedness pamphlet
• New resources and next steps:
  Small Business Guide & Plan
  Tourism Operators Guide & Plan
  Landslide and Flood Guides
• All were created in consultation with industry representatives and subject area specialists
• Master of Disaster expanded to grade 7

www.gov.bc.ca/PreparedBC
Thank You
Carol McClintock
Executive Director
Organizational Learning and Public Education
Emergency Management BC

www.embc.gov.bc.ca