



Introduction to ParcelMap BC LGMA Annual Conference Nanaimo, BC

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Approving Officers June 21, 2016
LGMA Conference Session June 23, 2016

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Agenda

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- Delivery to Target Customers and Stakeholders
- Surveyor Search and Download
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Overview

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ParcelMap BC – Primary Goal

Primary goal for the ParcelMap BC (PMBC) project is to create and develop an operational model for a **single, complete, trusted** and **sustainable** visual representation of lands within a given parcel and its relationship to adjacent parcels.

Single

- Includes parcel fabrics for all local government areas including municipalities, the rural areas of all Regional Districts, and all surveyed parcels of provincial Crown lands.

Complete

- Includes all active parcels in the provincial Crown Land Registry and all parcels with active titles in the LTSA's Land Title Register.

Trusted

- The parcel fabric will adhere to standards for parcel attribution, topology, currency, auditability, and spatial accuracy. New surveys are to adhere to spatial accuracy standards, and as a result, the quality of the entire parcel fabric will improve over time.

Sustainable

- PMBC parcel fabric and operational framework is financially sustainable and will be maintained and enhanced over time by LTSA with guidance from our stakeholders.

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ParcelMap BC – Key Benefits

ParcelMap BC offers the following key benefits:

- **Improve the speed and efficiency of land-related research, planning and business decisions** through a visual representation of the parcels in the land title register and Crown land registry in an integrated spatial information infrastructure.
- **Minimize possible data discrepancies and confusion** by reducing the need to consult separate spatial systems in BC. Fabric maintained by LTSA using closest to source information.
- **Support faster and more accurate real estate dealings by using the visual representation of the parcels** in the land title register, e.g., view a parcel in context with those surrounding it.
- **Enable the redirection of local government resources to develop value-added spatial products** by reducing routine data maintenance tasks and overlapping parcel fabric efforts.



ParcelMap BC Advisory Committee

- ParcelMap BC is being built with the advice of the ParcelMap BC Advisory Committee
- Provides advice, direction and guidance on project
- Four participating stakeholders are included in the committee formed over 4 years ago when the project was in its infancy:

1. **Integrated Cadastral Information Society (ICI Society)**
 - Executive Director plus 2 ICI Society Board members representing Utilities and Local Government
2. **BC Assessment (BCA)**
 - Former CEO founding member of the Committee
3. **Association of BC Land Surveyors (ABCLS)**
 - CAO, Secretary-Registrar and Senior member
4. **Province of British Columbia (Province)**
 - ADMs, Executive Directors and Senior Staff
 - 3 Ministries have been represented



BC Assessment ParcelMap BC Grant Program

- ICI Society has strong relationships with its local governments and utilities members. It will make ParcelMap BC available through its GeoShare service channel.
- BCA has provided \$1.25 million to fund the BCA ParcelMap BC Grant Program to partially offset costs associated with local government adoption of ParcelMap BC.
 - The ICI Society is administering the grant program to assist local governments committed to adopting ParcelMap BC as the definitive parcel fabric, or for their efforts required to adapt local GIS information to ParcelMap BC.
 - Please see ICI Society website at <http://www.icsociety.ca/parcelmap-bc/bc-assessment/> for grant program details.
 - Visit BC Assessment at **Booth #4**



The Approach: Fabric Compilations

Fabric Compilation – Increment Plan

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Fabric Compilation – Completed Regional Districts

- Nanaimo Regional District
- Cowichan Valley Regional District
- Capital Regional District
- Fraser Fort George & Bulkley-Nechako Regional Districts
- Kitimat-Stikine, Skeena Queen Charlotte, Central Coast, Cariboo Regional Districts
 - Completed Increments represent:
 - 7 of 18 planned increments
 - 9 of 29 Regional Districts

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Fabric Compilation – Schedule for Additional Regional Districts

ParcelMap BC Increments	Scheduled Availability in ParcelMap BC
<ul style="list-style-type: none"> Columbia-Shuswap Regional District East Kootenay Regional District North Okanagan Regional District Central Kootenay Regional District Kootenay Boundary Regional District 	September 2016
<ul style="list-style-type: none"> Alberni-Clayoquot Regional District Comox Valley Regional District Mount Waddington Regional District Strathcona Regional District 	October 2016
<ul style="list-style-type: none"> Northern Rockies Regional Municipality Peace River Regional District Stikine Regional District 	October 2016
<ul style="list-style-type: none"> Thompson-Nicola Regional District Central Okanagan Regional District Okanagan Similkameen Regional District 	December 2016

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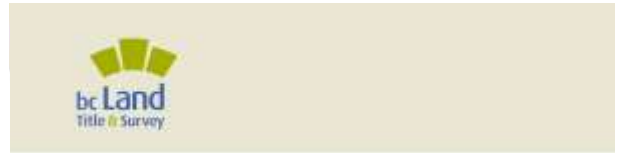
Fabric Compilation – Schedule for Additional Regional Districts (cont.)

ParcelMap BC Increments	Scheduled Availability in ParcelMap BC
<ul style="list-style-type: none"> Fraser Valley Regional District Powell River Regional District Squamish-Lillooet Regional District Sunshine Coast Regional District 	March 2017
<ul style="list-style-type: none"> Greater Vancouver Regional District <ul style="list-style-type: none"> South of Fraser River Richmond, North Shore, Tri-Cities, Pitt Meadows, Maple Ridge Vancouver, UBC, Burnaby, New Westminster 	June 2017

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Survey Plan Dataset Submission

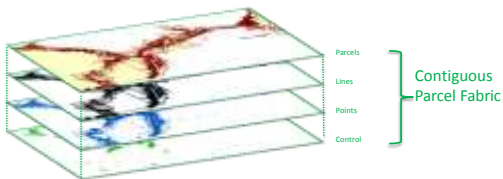
- Survey Plan Dataset Submission service opened to all land surveyors on a voluntary basis effective December 7, 2015.
- Submission became mandatory on June 15, 2016 for:
 - Plans with an electronic checklist date of May 23, 2016 or later.
 - All plans specified in Section 5 of Practice Bulletin No. 3 filed after September 1, 2016 regardless of the electronic checklist date.
- ABCLS – General Survey Instruction Rules now require all surveys to be georeferenced to defined standards.
 - Major contribution to improvement of fabric quality.



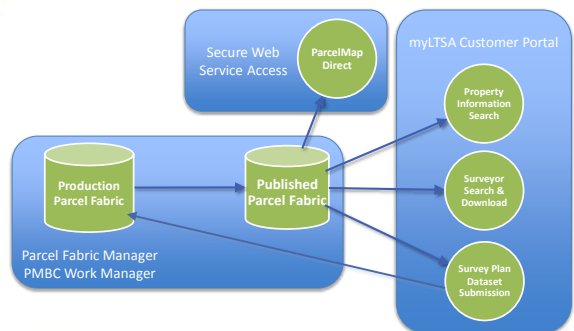
The Approach: Technology



Core Fabric Data Model



Supporting Systems





ParcelMap BC Services

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Delivery to Target Customers and Stakeholders



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Surveyor Search and Download

- Launched April 22, 2016 as 'ParcelMap BC Search for Land Surveyors' on myLTSA for land surveyors and staff under direct supervision
- Ability to:
 - View the published parcel fabric
 - Search the published parcel fabric using a number of criteria
 - Plan number
 - PID, PIN, JUROL
 - Short Legal Description
 - Area of interest (Geographic search)
 - Civic address
- No civic addresses stored in ParcelMap BC
 - Civic address search facilitated by the Civic Address to PID lookup function made available from imbedded interface to DataBC service with support from BCA
- Hyperlink to:
 - Land title register (requires myLTSA account)
 - Crown land registry (GATOR)
 - BC Assessment's e-value (access to front door)
 - MASCOT (survey control database)

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ParcelMap Direct

- Technology accepted by LTSA June 19, 2016
- Available shortly to participating stakeholders
- ICI Society preparing to receive ParcelMap Direct feed
- ICI Society to provide access to all member local governments
- Machine-to-machine service, ability to extract and download all or part of the parcel fabric
 - Full extract
 - Tracked changes
 - Real world
 - Spatial improvements
 - No fee to access fabric
 - Address information not embedded in model
 - Respects privacy concerns
 - Hyperlinks to land title register and Crown land registry not embedded

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Parcel Information Search

- Scheduled for launch in July 2016 as '**ParcelMap BC Search for myLTSA Users**'
- Available to customers through myLTSA, and the public through the LTSA's website
- Most common search method for local government staff is through myLTSA Account
- Same general search and locate functions as the ParcelMap BC Search for Land Surveyors service:
 - View the published parcel fabric
 - Search the published parcel fabric using a number of criteria
 - Plan number
 - PID, PIN, JUROL
 - Short Legal Description
 - Area of interest (Geographic search)
 - Civic address
- No civic addresses stored in ParcelMap BC
 - Civic address search facilitated by the 'Civic Address to PID' lookup function made available from embedded interface to DataBC service with support from BCA
- No Download capability
- Surveyor specific information is not displayed (e.g. 'survey extent limits')
- Limited hyperlink functionality
 - Access to land title register information requires a myLTSA account



Thank You
www.ltsa.ca/parcelmapbc