Land Information BC

Land Information BC & ILRR

Land Information BC's vision is to effectively deliver integrated, science-based land, resource and geographic information— a key component to supporting this vision is the ILRR.

Land Information BC's ILRR project will assist the organization with creating a "single window" to a diverse set of data and information products and services from across the natural resource sector, academia, governments and the public. Other key objectives of Land Information BC are listed below:

☑ Information delivery through partnerships, agreements and alliances with other businesses, industry and governments.

☑ Easy electronic access to natural resource, land ownership and legal interest information to support **1)** planning and development activities and **2)** protection and stewardship responsibilities.

☑ Integration of social and economic information over the long-term.

☑ Transformation towards client-focused service.

By improving the governance, management, and delivery of corporate land and resource information services, Land Information BC and the ILRR project effectively supports the Government of BC's three key objectives:

1) A strong and vibrant provincial economy.

2) A responsive social infrastructure.

3) Safe, healthy communities and a sustainable environment.

Implementing the ILRR for Northeast B.C.

Managing Common Expectations

The ILLR promises to allow all interested parties in BC to operate more efficiently by creating a single, accessible electronic and cartographic information system for accessing information on Crown land rights and interests.

However, it is important to emphasize that the data contained in the initial 2005 deployment of the ILRR will *reflect the accuracy and completedness of data **currently** managed within systems such as Tantalis and FTA. Challenges with the accuracy and completedness of currently held data will not be addressed during the initial phase of the ILRR's implementation.*

Over the following 2-3 years after the initial phase, the ILRR's development will increasingly focus on data quality to provide greater certainty on the land base.

ILRR Project Director's Message

The collaborative approach was successfully used to deliver the ILRR's business requirements and systems architecture. Collaboration is even more important today as we focus on the actual systems design and build, implementation activities, and data improvements. Staff in the regions told us that for the project to be successful and accepted in their organizations, the ILRR needs to focus on communication, ensure executive support, and identify agency specific change agents in local and regional offices.

David Chater, Project Director

On **October 7, 2004** the ILRR Project Team met with the inter-agency Executive Project Steering Committee to:

1) update the progress of the project to-date

2) highlight the project's next steps

3) outline the data improvement funding proposal process and

4) signal the necessary involvement for each agency with regards to the pre- and post-implementation of the system's operation.

During the system's construction, we will concurrently move towards user-testing. Over the next few months, testing will involve staff in all rights granting agencies, with a specific focus for those rights and interests in the northeast portion of B.C.

The ILRR Project Team has developed a comprehensive implementation plan that includes communication and business change management strategies, testing, training and documentation. This plan is designed to provide the necessary support to the rights granting agencies who will be using the ILRR in April 2005. As always, we welcome your suggestions.

Attention Provincial Rights Granting Agencies!

Funding is available for Data Quality Assistance.

$650,000 is available this year and **$2.1 M** is available annually for 2005/06 & 2006/07 to support rights granting agencies' data quality improvement activities.

Rights granting agencies need only apply once for funding over the two years. Agencies may submit more than one application for distinct data and information improvement initiatives (to a maximum of $250,000 for each initiative.). The funding is intended to support data improvements in agency operational systems (e.g. MiDA) and agencies are encouraged to consider a range of approaches to solving data quality challenges. For example, agencies could:partner with other agencies, utilize ILRR-funded staff resources, employ contractors, and/or implement IT solutions. An inter-agency senior management Review Committee, advised by technical experts, will review funding applications and make funding decisions in March 2005.

Application Deadline: November 26th, 2004

Application Forms are available at:
**http://srmwww.gov.bc.ca/irp/proposal.htm**

Data Transition - "Club Data"

Olga Kopriva, ILRR Data Quality Manager, continues to lead the preparation and representation of land information to be made available via the ILRR. Her team's work is guided by close consultations with the data custodians and data stewards of partner agencies—this group is collectively known as "Club Data". The common goal of the Club's members is to establish and maintain a mutual understanding and agreement of the land information accessible via the ILRR.

In order to optimize the quality of the information accessible via the ILRR, Club Data is working towards ensuring that clean, consistent, correct and current land information is ready for the ILRR's initial deployment in N.E. BC for April 2005. To achieve this task, members are collaborating to address data and informational challenges inherent with agency operational data-bases. These challenges include data publishing/latency/uptake, electronic and manual data sources, and attribute and spatial data problems.

Because the ultimate effectiveness of the ILRR is dependent on the data delivered from agency operational databases, eliminating data challenges from source systems is included. As a result, Club Data will work cohesively to:

- ☑ Update missing information
- ☑ Reconcile "attribute and spatial data"
- ☑ Improve data quality by "cleaning" incorrect data
- ☑ Correct topology

As mentioned in the "**Attention Provincial Rights Granting Agencies!**" excerpt on the front of this Newsletter, funding is available to assist partner agencies with data improvements.

Implementation Update

Strong Implementation progress was made during September and October:

The **Organizational Readiness Assessment workshops** enabled the Implementation team to finalize the Implementation Approach—Implementation activities are now well underway.

A web-based training module workshop was held with prospective ILRR users. The workshop generated excellent feedback and suggestions— these will be used to guide the progress and design of the training module.

A statusers' and land planners' **business process review** is contributing to the ILRR's understanding and support of stakeholder business processes.

Planning for system testing, on-line help design and support structure development activities is taking place.

Over the next few months, Implementation activities will engage senior managers (to confirm the project deliverables and schedule) and identify individuals who can support the ILRR's rollout in the new year.

ILRR Project Status

The ILRR project is on time and budget for the Northeast implementation thanks to a tremendous team effort from the 5 project staff, contracted resources, and our stakeholders. The project contractor, Sierra Systems, in partnership with OA Solutions and Forte Consulting, has over 30 employees now working on system development, data management and implementation activities. The technical requirements are now 95% complete and the functional design will be completed by November. The change management strategy, high-level test plan, testing environment and testing resources have been confirmed. The testing environment is in place; the Tantalis Crown land data has already been bulk loaded, and an acquirer, to seamlessly move data from Tantalis to the ILRR, is near completion.

A small team of 5 independent contractors and a seconded employee are focusing on data quality improvement of Crown land data (capturing 1600 missing shapes in the Northeast), Tantalis reconciliation with Integrated Cadastral Fabric (ICF) data, and assessment of forest and archaeology information.

The project continues to receive strong support from the Ministry information management systems experts and partner agency representatives who provide information and attend countless meetings to provide input. Consolation with partner agencies and stakeholders, and presentations to conferences and groups will continue to be a focus to ensure support and increase project awareness. For example, presentations were recently delivered to the provincial government's Coastal and the Northern Inter-Agency Management Committees.
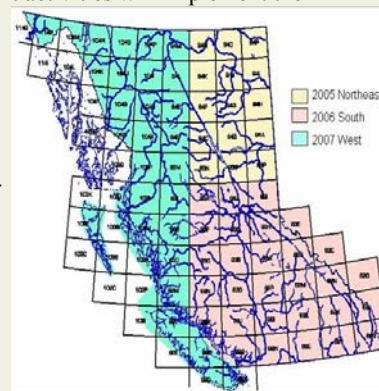

Left: Olga Kopriva, Data Quality Manager
Right: Rosa Munzer, Senior Project Manager

Looking Forward:

By April 2005, the ILRR will be able to provide information on **100+** types of legal rights, interests and designations. The information (accessible in electronic form to government, industry and the public) will focus on Crown Lands, forests, minerals, oil and gas, and parks in N.E. BC. In preparation for April 2005, data and information quality improvement activities (e.g. capture of missing Crown Lands and Rights of Way) will be observed and adequate ILRR security features will be harnessed to protect sensitive information such as applications and heritage sites.

After N.E. BC, deployment activities will implement the ILRR for South BC by March 2006 and West BC by March 2007 (see adjacent map). The rationale underlying this deployment strategy involves economic activities, variety of tenure types & holders, and complexity of Vancouver Island's E&N Land Grants.