RESULTS Training

Core Module 2
Obligation Reporting
Online Entry and Mandatory ESF Conditions

Welcome to the RESULTS System

2014-03-28

RESULTS (Reporting Silviculture Updates and Landstatus Tracking System) is a web-based application that provides clients and government staff direct online access to Provincial spatially enabled silviculture information. RESULTS will track and report silviculture accomplishments, administer approved stocking standards and evaluate free-growing progress on obligations.

Link to:

• Application Website

Sept 2015
Housekeeping

Ask questions using CHAT

Ensure that you direct to Entire Audience – so everyone can read the question

If there is some else that is sitting in the session but no registered, please add their Name and email on the Evaluation form

Please complete the Evaluation Form – automatically available appears Immediately after session

You will receive email confirmation to a RESULTS Testing website.

If you are a new user or require access renewal, you must pass the test in order to obtain your RESULTS access. Please only complete the test after you completed all required modules for your required authority.
Learning Objectives

- Business Guidelines
- Guidance on Mandatory ESF
- Online or ESF Matrix
- Technical documentation references
- Differences between mandatory vs. edit checks
- Mandatory conditions for New Opening (ESF or Online)
- Mandatory Spatial and Site Plan Indicator usage
- Help resources
Business Guidance

http://www.for.gov.bc.ca/his/results/business.htm

Business and Policy Documentation

The following documents provide information on RESULTS policies and procedures.

Submission Specifications

- **CF Memo (RISS-1s)**  - Provincial memo from Jim Snetsinger, announcing RESULTS Information Submission Specifications: Licensee Submissions, a document that outlines the form and manner of reporting data to RESULTS.


  Revisions to Edition 4 in response to input received by the Coastal Region Implementation Team (CRIT) and by users via the NRS Service Desk and Resource Practices Branch. As per direction from the Deputy Minister to make basal area a mandatory requirement, Section 5.7.2.2, has been amended. Other minor revisions have been implemented in order to increase clarity.

- **NEW RESULTS Information Submission Specifications: Licensee Submissions (Edition 4 - Memo)**


- **NEW**  - Requirements for preparing and submitting information pertaining to government funded silviculture activities (treatments and surveys) to RESULTS.

- **Electronic submissions required**  - Deputy minister letter notifying licensees that all silviculture reports and amendments are to be electronically submitted to the ministry as of June 1, 2005.
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- **RESULTS Information Submission Specification - (of) - Edition 4 - May 2014**
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## Online or ESF Matrix

<table>
<thead>
<tr>
<th>Submission Component</th>
<th>ESF</th>
<th>Online</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opening Definition Tenure &amp; Site Plan Information</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Opening and Standards Unit Spatial required</td>
</tr>
<tr>
<td>SU Modifications*</td>
<td>Yes</td>
<td>Conditional</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ESF where there is changes to Standards Unit (additions, deletions) or changes in spatial.</td>
</tr>
<tr>
<td>Disturbance</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Silviculture Activity</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mandatory ESF for government funded activities (FE, JS)</td>
</tr>
<tr>
<td>Forest Cover *</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Forest Cover Spatial required</td>
</tr>
<tr>
<td>Milestone</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>s.108 Application</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Comments &amp; Attachments</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

* Any spatial requirements must be submitted by ESF
## Technical Documentation

The following documents provide technical information for the RESULTS application and XML submissions.

<table>
<thead>
<tr>
<th>Document</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical Specifications</td>
<td>Describes the components of a valid RESULTS submission in the order they should appear in the submission document, along with examples.</td>
</tr>
<tr>
<td></td>
<td>Also describes the technical specifications for each screen within the RESULTS application, including screen layout, business rules, field descriptions and database transactions.</td>
</tr>
<tr>
<td>XML Schemas</td>
<td>Complete set of XML schemas required to validate a RESULTS Submission document.</td>
</tr>
<tr>
<td>RESULTS Reports</td>
<td>Provides a list of reports available in RESULTS, including a description of each report.</td>
</tr>
<tr>
<td>Key Controls during Opening Creation - Feb 21, 2013</td>
<td>This document clarifies RESULTS data interdependencies upon during opening definition (opening creation) via ESF.</td>
</tr>
</tbody>
</table>
Tech Specs has Online Reference with business rules and field specific edits.

Reference by Screen Number.
Technical Documentation ESF Schema References

http://www.for.gov.bc.ca/his/results/techDocs.htm

Tech Specs has ESF Reference with business rules and field specific edits.

Reference is by schema item.

Field Information

openingCategoryCode:
Description: A code used to describe the category for the opening. The opening categories reference the governing applicable legislation and are determined by responsibility, opening origin, tenure type and prescription type. Use the Opening Category table in the Code Tables section.

Data Type: VARCHAR2
Total Length: 7
Data Source: OPENING.OPEN_CATEGORY_CODE
Optionality: Conditional
Default Value: Set to 'FTML' if blank.
Edit: N/A
Format: N/A

Validation:
1. Must be a valid code in OPEN_CATEGORY_CODE table.
2. If the category is in the OPEN_CATEGORY_SITE_P table then tenure must be submitted with the opening. This includes the forest file id, cutting permit id and cut block id (timber mark can be derived).

Notes:
1. A code used to describe the category for the opening. The opening categories reference the governing applicable legislation and are determined by responsibility, opening origin, tenure type and prescription type.
Technical Documentation Codelists

http://www.for.gov.bc.ca/his/results/techDocs.htm
## XML Submission Quick Reference

<table>
<thead>
<tr>
<th>XML Action</th>
<th>SU Audit Code</th>
<th>Add SU?</th>
<th>Delete SU?</th>
<th>Completely replaces all SU’s?</th>
<th>Restrictions</th>
<th>Submission Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silv Presc</td>
<td>A</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amendment (major)</td>
<td>AMD</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
<td>All SU’s must be submitted as any existing SU’s not submitted will be deleted when the Amendment is approved.</td>
</tr>
<tr>
<td>Amendment (minor)</td>
<td>MIN</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td></td>
<td>Only submit SU’s you wish to update.</td>
</tr>
<tr>
<td>Correction</td>
<td>COR</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
<td>All SU’s must be submitted as any existing SU’s not submitted will be deleted.</td>
</tr>
<tr>
<td>Update (schema v3 support)</td>
<td>MIN</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td></td>
<td>Additional information such as layers and species may be submitted but will be ignored.</td>
</tr>
<tr>
<td>Site Plan</td>
<td>VAR</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td></td>
<td>Only submit SU’s you wish to update.</td>
</tr>
<tr>
<td>Approved Variation</td>
<td>VAR</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td></td>
<td>For compatibility with schema v3.</td>
</tr>
<tr>
<td>Site Plan Amendment</td>
<td>SPA</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
<td>All SU’s must be submitted as any existing SU’s not submitted will be deleted.</td>
</tr>
</tbody>
</table>
Mandatory legal requirement vs. Edit Checks

RESULTS Information Submission Specification document provides information on mandatory data requirements.

RESULTS will provide some rudimentary system’s checks for codes, basic data quality and data dependencies but cannot check for all legal requirements due to complexity and requirement for interpretation.

It is responsibility of the submitter to ensure that the data submitted is consistent with legal requirements.

Any system’s edit checks are described in the RESULTS Technical Specifications webpage.
Data Checks – Online Errors

RESULTS has some (but not all) edit checks from RESULTS Information Submission Specification documents.

These serve gross data integrity checks but does not include all checks.
Data Checks – ESF Errors

RESULTS has some (but not all) edit checks from RESULTS Information Submission Specification documents.

These serve gross data integrity checks but does not include all checks.

If there are errors encountered via ESF, you will be notified of errors. The technical specification webpage may assist.
Mandatory Tenure for New Openings (Online or ESF)

http://www.for.gov.bc.ca/his/results/Key%20Controls%20during%20Opening%20Creation-Feb%202013.pdf

New Opening Online or Action “I” - Insert

Opening Category:
FTML, FTWL, FTSBF, FTLEVY, FTFSM, FTMSL, FTNOLVY, FTWL, FFTITSL, FFTLTC

Tenure(s) must exist in Forest Tenure Administration (FTA) and in Cutblock Status Active
Cutblock Status of “HB”

Tenure(s) must be assigned to the same client and org unit as the submitter

System’s validation done through OPEN_CATEGORY_SITE_PLAN_CODE
Mandatory Tenure for New Openings (Online or ESF)

For submission with tenure – have two options:

Tenure Key: Licence Number + Cutting Permit ID + Cutblock ID

Timbermark Key: Timbermark + Cutblock ID

RESULTS allows one or more cutblock to be associated with an opening – a multi-tenure opening.

One cutblock for an opening must be designated as the Prime Licence <rst:prime LicenceIndicator> set to “Y”.

All cutblocks associated with an opening must belong to the same client and for same org unit.
Mandatory Tenure for New Openings (Online or ESF)

Tenure information appears twice in the opening definition

1. **Key** (either as Tenure key or Timbermark Key)
   - Typically what is designated at the prime licence
   - This is used to identify which record you want to create/update

2. **Tenure section**
   - Can have one or more cutblock assigned to one opening
   - One cutblock must be designated as prime licence
   - All other cutblocks must be designated as non-prime licence
   - Prime licence will be the record that will be associated with the opening and appear in the “tombstone” but all referenced cutblocks will appear under “Multi-Tenure” Tab.
   - All cutblocks must belong to same client as the submitter and same org unit.
Validation check via ESF for Opening, SU or Forest Cover Spatial

Opening Category where Opening and Forest Cover Spatial mandatory
  FTML, FTWL, FTSBF, FTEVY, FTFSM, FTMSL, FTNOLVY, FFTITSL, FFTLTC

Unless
  Unless Opening Approval Date < 2003-12-31 (RESULTS Production release date)
  Forest Cover exists but record was before 2005-05-01 (data conversion date)
  Minor amendment ("M") or Correction ("U")

System’s validation done through OPENING_SPATIAL_REQUIREMENT
All New Openings via ESF must have at least ONE Standards Unit in the Opening Definition.

Rst: sitePlanExempt is an indicator used by RESULTS to determine if Standards Unit is:

- a silviculture prescription “Y” – full stocking standards provided (used for silviculture prescription amendments); OR
- a site plan “N” – an approved standards regime ID authorized by submitter is provided or where applicable, Ministry FDP default stocking standard.
Walkthrough

General Screens
for Content and Mapping Components
Help Resources

http://www.for.gov.bc.ca/his/results/support.htm
http://www.for.gov.bc.ca/his/results/training/index.htm

Application Support

Please follow the steps below when you encounter a problem with RESULTS.

1. Review the RESULTS Questions & Answers web page to determine if your question has already been answered.
2. Check with your district resource clerk/LIM staff, if appropriate.
3. Contact your regional RESULTS contact if one exists. See the list of Region and Districts RESULTS contacts and BCTS TSO RESULTS contacts.
4. Contact the Business Application Service Section (BASS). Please include the application name somewhere in the subject line so it will be sorted into the appropriate help folder.

Phone: (250) 952-6801
Email: nrsanquiries@gov.bc.ca

Training & Resources

Work is underway to transition to new training format.

Only the pre-recorded Live Meeting Woodlot modules will be available for viewing and can be via Windows Media Player. Please contact Application support to acquire download of the recording.

Online training is available for Core RESULTS Modules. Please refer to the link on any upcoming course offerings. Online training link for your reference:
https://attendee.gototraining.com/49x56/catalog/38315884659890464

Face-to-face sessions are offered periodically, based on major application developments and/or special needs identified by operational, regional and/or headquarters level. There are currently no plans for face-to-face sessions.

An online reference also provides a high level overview for those who are new to RESULTS and need a general overview of the application components.

List of Core Modules

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<thead>
<tr>
<th>Type</th>
<th>Topic</th>
<th>Last Updated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Powerpoint</td>
<td>Module 1: Obligation Reporting - Policy and Business Context</td>
<td>Nov 2013</td>
</tr>
<tr>
<td></td>
<td>Policy and Business Context - Recording</td>
<td>Oct 2014</td>
</tr>
<tr>
<td>Powerpoint</td>
<td>Module 2: Obligation Reporting - Online Entry and Mandatory ESF Conditions</td>
<td>Nov 2013</td>
</tr>
<tr>
<td></td>
<td>Online Entry and Mandatory ESF Conditions - Recording</td>
<td>Oct 2014</td>
</tr>
<tr>
<td>Powerpoint</td>
<td>Module 3: Obligation Reporting - Submitting by ESF</td>
<td>Nov 2013</td>
</tr>
<tr>
<td></td>
<td>Submitting by ESF - Recording</td>
<td>Oct 2014</td>
</tr>
<tr>
<td>Powerpoint</td>
<td>Module 4: Obligation Reporting – Standards Limit Modifications Overview</td>
<td>Nov 2013</td>
</tr>
<tr>
<td></td>
<td>Standards Limit Modifications Overview - Recording</td>
<td>Oct 2014</td>
</tr>
<tr>
<td></td>
<td>Standards Limit Modifications - ESF - Recording</td>
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