

# RESULTS Spacing Reporting



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## RESULTS

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UserName: IDIRIMTSOI Environment: PROD Version: 04.08.08 on TINSEL

## Welcome to the RESULTS System



2010-07-19

RESULTS(Reporting Silviculture Updates and Landstatus Tracking System) is a web-based application that provides clients and government staff direct on-line 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](#)

December 2012

# Background



Spacing activity is conducted on young stands soon after free growing on pre-existing silviculture obligations openings.

There is a requirement to maintain data integrity of pre-existing openings to enable tracking and reporting of silviculture obligations.

Preference is to use shell openings for reporting of Spacing Activities where possible.

# Key References

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



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RESULTS  
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Printer Version

## Business and Policy Documentation

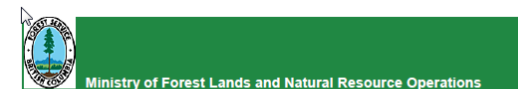
The following documents provide information on RESULTS policies and procedures.

- [Submission Specifications](#)
- [Submission Procedures](#)
- [Memos & Bulletins](#)
- [Forest Stewardship Plan Submission Procedures](#)
- [Quality Assurance](#)
- [Woodlot Submissions](#)
- [Small Scale Salvage](#)
- [Monosodium Methanearsenate \(MSMA\) Treatments](#)
- [Wildlife Tree Retention, Resource Features, and Wildlife Habitat Features](#)
- [Delegation Matrices](#)
- [BEC Codes](#)
- [Survey Methods and Stratification](#)
- [RESULTS Timeline](#) **NEW**
- [Glossaries](#)
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## Submission Specifications

- [CF Memo \(RISS-Is\)](#) - 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.
- [RESULTS Information Submission Specifications: Licensee Submissions \(Edition 3b\)](#) - Edition 3b of the Silviculture Information Submission Guidebook describes submission specifications for electronic submissions to RESULTS via the Electronic Submission Framework, including how to obtain access to RESULTS, and the various reporting components: Opening Key, Opening Definition, Disturbance Activity, Silviculture Activity, Forest Cover Inventory, and Milestone Declaration. Includes attribute and spatial mapping submission specifications for each report type. Spatial concepts, mapping and precision standards, legislation reference, and code lists are also provided. Edition 3b includes revisions to sections 5.7.3.3.1, 5.7.3.4.2 and 5.7.3.5.2.
- [RESULTS Information Submission Specifications - Government Funded Silviculture Activities](#) - Requirements for preparing and submitting information pertaining to government funded silviculture activities (treatments and surveys) to RESULTS.
- [Aerial Fertilization Reporting Specifications](#) - Aerial fertilization activity reporting requirements are specified in the RESULTS Information Submission Specifications - Government Funded Silviculture Activities (RISS-gf). The RISS-gf is under

Pending new RISS-gf available on the Business documentation webpage with new section on Juvenile Spacing



## RESULTS INFORMATION SUBMISSION SPECIFICATIONS

**Form and Manner of Reporting**  
(Government Funded Silviculture Activities)

4<sup>th</sup> Edition

November 2012

# RISS – Spacing General Steps



- Create shell opening – must go online to create New Shell Opening
- Once opening created added information online
- Provide disturbance reporting if none pre-existing
- Use ESF submission tool to set up ESF spacing activity reporting xml with activity GML map
- Provide any required planned or completed activities relating to spacing activity with activity GML
- Use ESF submission tool to supply forest cover post-spacing with spatial.
- Add any attachment requirements

# RISS – Spacing

## Creating a Shell Opening



### 1. Create shell opening – must go online to create New Shell Opening

Opening Category – NREQ

Opening Gross Area – enter treatment area

Approval Date – initial spacing eligibility survey date

No SUs are required.

Require subsequent ESF submission for Opening spatial.

Opening ID – for shell opening used for subsequent updates

### 2. Once Opening created added information online

Set Opening Status to “FG” (District staff to set)

Set Timber Supply Block – assist in TSB & reporting

# Online – Creating Shell Opening



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### RESULTS302 - Add New Opening

[Back](#)

Org Unit:   
Opening Category:

Opening:

Opening Location:

Licence No:

Cutting Permit:  Cut Block:

Max Allowable Permanent Access:

Opening Gross Area:  Approval Date (YYYY-MM-DD):

#### Pre - Harvest Stand Label

Previous Stand Type:

Previous Timber Type

Species 1:  Species 2:

Age Class:  Height Class:  Stocking Class:

Site Index:  Site Index Source:

[Save](#)

[Cancel](#)

# RISS – JS Shell Data Requirements



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Org Unit: DAB - Arrow Boundary Forest District Status: FG - Free Growing

Client:   Name:

Opening:     Opening Id: 1017563  Licensee Opening Id:

Licence No:  CP:  Cut Block:  Timber Mark:

Exhibit A Area (ha):  Disturbance Area (ha): 0.0 NAR (ha): 0.0 Forest Cover Area (ha): 0.0 Opening Gross Area (ha): 10

### RESULTS301 - Opening Inquiry

[Opening Summary Report](#)

Opening:     Licensee Opening Id:

SP Exempt:  Opening Status: FG

Opening Category: NREQ - Areas where SP/SMPs are not re Dist Admin Zone:

Tenure Type: Admin Forest Org: DAB - Arrow Boundary Forest District Block Status:

Management Unit Type: TSB: Arrow TSA Block B

Tenure Admin Org: Management Unit ID:

Opening Location:

Original Approval: IDIR/MTSOI 2011-08-05 Current Amendment:

Actual Disturbance Start:

Post Harvest Declared Date:  Regeneration Declared Date:  Regeneration Offset:  Regeneration Due Date:  Regeneration Overdue: No

Free Grow Declared Date:  Free Grow Offset:  Free Grow Due Date:  Free Growing Overdue: No

#### Pre - Harvest Stand Label

Previous Stand Type:

Previous Timber Type

Species 1:  Species 2:

Age Class:  Height Class:  Stocking Class:

Site Index:  Site Index Source:

Opening ID generated is used for subsequent updates and for ESF Submissions as the key

Set opening status to "FG"

Specify TSB

# Reporting Components



3. Use ESF Submission Tool to provide Opening Spatial

4. Use ESF or Online to submit Disturbance Report

Disturbance report is mandatory to enable Forest Cover Submission.

Not required if any disturbance reporting already exists.

Use Opening ID as the key

Add Disturbance Activity

Mandatory data for disturbance reporting:

Disturbance Start Date: use eligibility JS survey date

Disturbance Area: 0.1ha (minimum impact on disturbance reporting)

Disturbance Code: E – Stand Enhancement



# Reporting Components

## Disturbance Report – ESF or Online



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• Save successful.

Org Unit:

Status: FG - Free Growing

Client:

Name:

Opening:

Opening Id:

Licensee

Opening Id:

Licence  
No:

CP:

Cut Block:

Timber Mark:

Exhibit A Area (ha):

Disturbance Area (ha): 0.1

NAR (ha): 0.0

Forest Cover Area (ha): 10.0

Opening Gross Area (ha): 10

### RESULTS316 - Disturbance Results

ATU ID: 1026336

Licensee Activity ID:

Actual Base Activity: DN - Denudation

Silviculture Systems: System:

Variant:

Cut Phase:

Disturbance Start Date  
(YYYY-MM-DD):

Disturbance End Date  
(YYYY-MM-DD):

Disturbance Area(ha):

Licence Number:

Disturbance Code:

Cutting Permit:

Cut Block:

Disturbance Complete:

Comments:

Map:

# Reporting Components

## Spacing – ESF Only (spatial required)



### 5. Use ESF Submission Tool to set up ESF Spacing activity xml with Activity GML Map.

Use Opening ID as the key

Mandatory data:

Base: JS

Tech: MA (Manual)

Method: MANCT or POWER (or valid code combination)

Funding Source: FTL (Licensee administered) or FTM (Ministry administered)

Inter-agency No: mandatory for completed activity (<rst:fundingProject/>)

Date: can be planned or completed

Area Treated

GML Map

Note that the Activity Spatial is a requirement for completed spacing activities.

May add other planned or completed activities related to Juvenile Spacing activity

# Use of Actual Date Indicator & Action Codes



ESF File looks something like this:

```
</gml:opening>
<rst:openingID>16871</rst:openingID>
- <rst:openingItem>
  - <rst:SilviculturalActivity>
    - <rst:extentOf>
      - <gml:MultiPolygon srsName="EPSG:42102">
        - <gml:polygonMember>
          - <gml:Polygon>
            - <gml:outerBoundaryIs>
              - <gml:LinearRing>
                <gml:coordinates>858237.131334336,1044590.05967088 858184.199489645,1044589.50267335
                858161.316556576,1044587.21367442 858180.317499461,1044575.88667354
                858180.400499211,1044575.83667354 858180.671498395,1044575.65467352
                858180.696498319,1044575.63667353 858205.315423956,1044557.73267238
                858205.549423254,1044557.55167238 858205.794422508,1044557.33567237
                858206.025421803,1044557.10367236 858206.177421337,1044556.93467235
```

```
<rst:activityBase>JS</rst:activityBase>
<rst:activityTechnique>MA</rst:activityTechnique>
<rst:activityMethod>POWER</rst:activityMethod>
<rst:fundingSource>FTL</rst:fundingSource>
<rst:actualDateIndicator>>false</rst:actualDateIndicator>
<rst:activityDate>2012-05-01</rst:activityDate>
<rst:netAreaTreated>34.6</rst:netAreaTreated>
<rst:actionCode>I</rst:actionCode>
</rst:SilviculturalActivity>
```

rst: fundingProject = Inter-agency Number  
online

rst: actualDateIndicator

true = completed activity

false = planned activity

Action – "I"-Insert new record

Action – "U" Update of existing record

# Reporting Components

## Spacing – ESF Only (spatial required)



```
<rst:openingID>1017563</rst:openingID>
- <rst:openingItem>
- <rst:SilviculturalActivity>
- <rst:extentOf>
- <gml:Polygon srsName="EPSG:42102">
- <gml:outerBoundaryIs>
- <gml:LinearRing>
  <gml:coordinates>922178.641784069,1109547.21999037 922167.679003294,1109549.8360417
    922148.370403306,1109560.50724673 922145.423067204,1109562.65305062
    922159.298899216,1109572.92099093 922180.645497739,1109590.33335921
    922201.788957756,1109602.9734916 922211.631685079,1109610.78563038
    922223.361267866,1109625.6883309 922233.562094558,1109629.50101357
    922238.57222352,1109629.28636311 922245.733984121,1109617.55840922
    922250.224978332,1109605.14805747 922238.197849498,1109589.46128375
    922219.98884924,1109577.49225591 922201.433034812,1109569.78780389
    922182.89263071,1109556.23932408 922178.641784069,1109547.21999037</gml:coordinates>
  </gml:LinearRing>
</gml:outerBoundaryIs>
</gml:Polygon>
</rst:extentOf>
<rst:activityBase>JS</rst:activityBase>
<rst:activityTechnique>MA</rst:activityTechnique>
<rst:activityMethod>POWER</rst:activityMethod>
<rst:fundingSource>FTL</rst:fundingSource>
<rst:fundingProject>15646</rst:fundingProject>
<rst:actualDateIndicator>true</rst:actualDateIndicator>
<rst:activityDate>2012-08-14</rst:activityDate>
<rst:netAreaTreated>10</rst:netAreaTreated>
<rst:actionCode>I</rst:actionCode>
```

# Reporting Components - ESF Completed JS Activity



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Opening Inquiry | Multi-Tenure | Stocking Standards | Activities | Projects | Forest Cover | Milestones | Land Status | Attachments

Org Unit: DAB - Arrow Boundary Forest District Status: FG - Free Growing

Client:  Name:

Opening:  Opening Id: 1017563 Licensee

Licence No:  CP:  Opening Id:

Exhibit A Area (ha):  Disturbance Area (ha): 10.0 NAR (ha): 0.0 Forest Cover Area (ha): 0.0 Opening Gross Area (ha): 10

Go Clear SP Map Map View History FTA

### RESULTS317 - Maintain Activity Detail - Complete

Back

ATU ID: 1026339 Licensee Activity ID:

Activity Base: JS - Juvenile Spacing Technique: MA - Manual Method: POWER - Power Saw

Objectives:

Completion Date (YYYY-MM-DD): 2012-08-14 Treated Amount: 10 HA Funding Source: FTL - Forests for Tomorrow Lic

Inter-agency No: 15646 Project Id:

Comments: No

Map: Y

Save Delete

Spatial mandatory requirement

District: License: Opening Num:  
CP/Mark: Gross Area: 10  
Block: Completion Date: 2012-08-14  
Area Treated: 10 HA



# Types of Reporting tied to JS Activities



- Eligibility Survey – (SU/JS/Method, Objective: JS)
- Planned JS Treatment– (JS/Tech/Method, Objective: JS)
- Completed JS Treatment – (JS/Tech/Method, Objective: JS)
- Survey Activity (post-treatment) – (SU/JS/Method, Objective : JS)

All the above require an Activity Map

# Reporting Components - ESF Post-Spacing Forest Cover



## 6. Use ESF Submission Tool to supply forest cover post-spacing with spatial.

Use Opening ID as the key

Provide forest cover updates based on spaced activity with forest cover spatial.

Note that only the spaced area is required to be reported under the shell opening.

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[Land Status](#)
[Attachments](#)

Org Unit: DAB - Arrow Boundary Forest Distric

Status: FG - Free Growing

Client:

Name:

Opening:

Opening Id:

Licensee Opening Id:

Licence No:

CP:

Cut Block:

Timber Mark:

Exhibit A Area (ha):

Disturbance Area (ha):

NAR (ha):

Forest Cover Area (ha):

Opening Gross Area (ha):

[Go](#)
[Clear](#)
[SP Map](#)
[Map View](#)
[History](#)
[FTA](#)

RESULTS320 - Forest Cover Summary

[Back](#)
[Delete Forest Cover](#)
[New Forest Cover](#)
[Forest Cover History](#)

Last Action Date: 2012-11-30

Comments: No

[Forest Cover Map](#)

1 rows returned

SU	Polygon ID	Non-Mapped Area	Layer	Polygon Area		Stocking		Reference Year	Species Code		Stems/ha				Details
				Gross	Net	Stat	Type				Total	Total Well Spaced	Well Spaced	Free Growing	
	A		I	10	10	IMM	ART	2012	FDC	HW	1500		800	700	<a href="#">Details</a>

# Attachments - See Attachment Standard



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Org Unit:    Status:

Client:      Name:

Opening:       Opening Id:     Licensee Opening Id:

Licence No:    CP:    Cut Block:    Timber Mark:


Exhibit A Area (ha): 82.1785   Disturbance Area (ha): 84.0   NAR (ha): 79.7   Forest Cover Area (ha): 84.0   Opening Gross Area (ha): 84

### RESULTS401 - Attachments

Description	File Name	File Size
<input type="text"/>	<input type="text"/> <input type="button" value="Browse..."/>	<input type="button" value="Save"/> <input type="button" value="Cancel"/>
2012 Stand Management Prescription	SMP 562551 Little Cedar North .pdf	552.88 KB <input type="button" value="Update"/> <input type="button" value="Delete"/> <input type="button" value="View"/>

Mandatory requirements  
for attachment outlined  
in Recipient Agreements

Government funded Silviculture Activities - Version 1.0

 **MINISTRY OF FORESTS AND RANGE**

### RESULTS ATTACHMENT STANDARD

Government Funded Silviculture Activities

  
BRITISH COLUMBIA  
The Best Place on Earth

Ministry of Forests and Range



July 16, 2010



# Reporting on Pre-existing planned activities – Need to close the loop



- If there is existing planned activities you are reporting against, you must report against these planned activities. Must use the same opening to report against using "U"-Update Action Code and by using ATU\_ID in submission as Licensee\_ID to enable ESF to refer and update record.
- Must be done via ESF due to spatial requirement.

# RESULTS – ESF Confirmation Planned Activities



**RESULTS317 - Maintain Activity Detail - Planned**

ATU ID: 1026340

Activity Base: JS - Juvenile Spacing

Objectives:

Planned Date (YYYY-MM-DD): 2013-06-20

Completion Date (YYYY-MM-DD):

Inter-agency No:

Comments: No

Map: Y

Spacing Specifications

Target Inter-tree Distance(m):

Allowable Trees Per Plot:

Licensee Activity ID:

Technique: MA - Manual

Planned Amount: 10 HA

Treated Amount:  HA

Project Id:

Method: POWER - Power Saw

Funding Source: FTL - Forests for Tomorrow Lic

Planned Costs (\$): 0

Actual Cost (\$):

ESF set up:

Action "U" - Update

Use of ATU ID = <licenseeID>

Enables ESF to identify update of existing planned activity

```
<rst:activityBase>JS</rst:activityBase>
<rst:activityTechnique>MA</rst:activityTechnique>
<rst:activityMethod>POWER</rst:activityMethod>
<rst:fundingSource>FTL</rst:fundingSource>
<rst:fundingProject>123456489</rst:fundingProject>
<rst:actualDateIndicator>true</rst:actualDateIndicator>
<rst:activityDate>2012-06-20</rst:activityDate>
<rst:netAreaTreated>9.2</rst:netAreaTreated>
<rst:licenseeID>1026340</rst:licenseeID>
<rst:actionCode>U</rst:actionCode>
</rst:SilviculturalActivity>
```

# RESULTS – ESF Confirmation Planned Activities



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Org Unit:    Status:

Client:    Name:

Opening:    Opening Id:    Licensee    Opening Id:

Licence No:    CP:    Cut Block:    Timber Mark:

Exhibit A Area (ha):   Disturbance Area (ha): 10.0   NAR (ha): 0.0   Forest Cover Area (ha): 10.0   Opening Gross Area (ha): 10

### RESULTS317 - Maintain Activity Detail - Complete

ATU ID:    Licensee Activity ID:

Activity Base:    Technique:    Method:

Objectives:    Funding Source:

Planned Date (YYYY-MM-DD):    Planned Amount:  HA   Planned Costs (\$):

Completion Date (YYYY-MM-DD):    Treated Amount:  HA   Actual Cost (\$):

Inter-agency No:    Project Id:

Comments:

Map:

[Spacing Specifications](#)

Target Inter-tree Distance(m):    Allowable Variation in Inter-tree Distance(m):

Allowable Trees Per Plot:    Per Ha:

# Why Forward Plan?



- Forward juvenile spacing planning requirements is current recommended for three years ahead. If anything greater than 3 years recommend providing a planned survey for re-assessment.
- All budget requests are based on field-based requirements.
- Planned activities from RESULTS is used to build the business case.
- Planned areas will demonstrate on the on the ground needs based on required pre-assessments, stand management prescriptions and demonstration of ability to deliver operationally to ensure achievement of goals.
- Planned areas will have to be managed but this is a necessary work requirement to support funding requests.

# Usage of information from RESULTS



Accomplishment Reporting - when & area for program delivery tracking purposes – this is the Activity Screen data supplied.

RESULTS Activity GML – this information can be used via LRDW for anyone who may want overlay silviculture activity.

- Strategic review by TSA (Silv Strategy)
- Timber Supply Review- incorporation incremental silv activities
- Stand types where treatment took place

RESULTS Activity GML works in conjunction with Accomplishment reporting to get details about district, TSA/TSB, when etc.

Forest Cover Updates used to update Vegetation Inventory - VRIMS

# Technical Specifications Codelists + added information



<http://www.for.gov.bc.ca/his/results/webhelp/index.htm>

The screenshot shows a web browser window with the URL <http://www.for.gov.bc.ca/his/results/webhelp/index.htm>. The browser's address bar shows the URL, and the page title is "RESULTS - Ministry of Forests, ...". The page features a navigation menu on the left with links to "Contents", "Index", and "Search". The main content area displays a table of technical specifications, organized into three columns: "JS", "CG", and "LAYOT". The table lists various activities and their corresponding codes. The "LAYOT" column contains codes such as "SINJE", "BRUSH", "HANDR", "LAYOT", "MANCT", "MANGI", "POWER", "EXCAV", "HYDRO", "LAYOT", "MDOWN", "POPUP", and "SPYDR". The "CG" column contains codes such as "CG", "MA", "ME", and "ME". The "JS" column contains codes such as "JS", "MA", "ME", and "ME". The table is powered by RoboHelp.

JS	CG	LAYOT
JS	CG	SINJE
JS	CG	
JS	MA	BRUSH
JS	MA	HANDR
JS	MA	LAYOT
JS	MA	MANCT
JS	MA	MANGI
JS	MA	POWER
JS	MA	
JS	ME	EXCAV
JS	ME	HYDRO
JS	ME	LAYOT
JS	ME	MDOWN
JS	ME	POPUP
JS	ME	SPYDR
JS	ME	
JS		

# RESULTS – Training Recordings & documentation

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



Application Link
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Access & Policy
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→ <a href="#">For Private Sector</a>
→ <a href="#">For Ministry &amp; BCTS</a>
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Training
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→ <a href="#">SPOT 5 Satellite Image Primer</a>
■ <a href="#">RESULTS Sharepoint</a> Restricted Access

## List of Core Modules

- **Overview** – includes information on MapView, service provider system and how RESULTS fits with other Ministry applications.
- **Amendments and Updates** – information on when an amendment is required and when an update or correction is sufficient
- **Stocking Standards Under FSP's** – searching for existing, approved stocking standards and information on generating new stocking standards, by modifying existing standards or creating new standards from scratch.
- **Generating Reports** – information on navigating in the RESULTS application environment and using the CRS environment to generate reports.
- **RESULTS and MapView** – information on the MapView application and how it relates to RESULTS.
- **Obligation Reporting** – how and what to report to RESULTS. Focuses on submissions related to opening definition, disturbance, silviculture activity, forest cover polygon and milestone declarations.
- **Amalgamations and FRPA 108 Applications** – the newest additions to the RESULTS application, including amalgamations and FRPA 108 applications.
  - [RESULTS s108 Process Diagram](#) **New**
  - [RESULTS s97.1 Process Diagram](#) **New**
- **Reporting Government Funded Activities – FFT Training** – For participants in the FFT program.
- **Forest Cover and Retention Reporting** – Provide an overview of submitting forest cover to RESULTS for openings with treed retention – interim procedures
- **RESULTS Training for FRPA Section 197**
- **RESULTS Training for Woodlot Licensees** – provides Woodlot Licensees and their consultants a comprehensive introduction to RESULTS. Topics include: What is RESULTS?, BcEIDs, and entering Annual Report Data into RESULTS.
- **RESULTS Business Views** – The session will provide overview of the business views, legislative and historical context, assumptions and limitations of use and special considerations when using spatial data in RESULTS.
- **RESULTS Operational Issues and Question and Answers** – introduces participants to the Operational Issues Forum and identifies/discusses some key RESULTS issues from that forum.



Questions?





# Addendum

# Loading of Opening Spatial



Online Add Opening creates the new opening and the Opening ID required for ESF Submission

Must set up ESF without extraneous Opening Definition to submit Opening Spatial or will receive error related to SU requirement

“U” – update for insert Opening Spatial only but note that there will be a Event created as Minor Amendment caused by RESULTS schema v3 reading “U” as Minor Event.

Message	Date
Outcome of submission: 50470:	2012-12-12 12:29:00
Opening ID: 1017622 / OPN #: / Lic: CP: Blk: / TM: Blk: has failed MOF business rule validations. Please address the following issues and re-submit.	
[236] At least one Stocking Standard must be submitted.	

[More Info](#)

Update

The Silviculture Prescription Update submission is included for backward compatibility with v3 of the schema only and processing is identical to Amendment (Minor). This submission may include only those SU's being updated. If new SU's are submitted the Update will be considered a Correction. Any SU's omitted from the submission will NOT be deleted. Only BEC (BGC Zone/Subzone/Variant/Phase/Site Series/Site Type/Seral), NAR (Net Area to be Reforested) and spatial information will be updated; if any additional information is submitted, the submission will be considered a Correction. All SU modifications are audited under the "Amended (Minor)" (MIN) action.

2012-12-11 02:17PM	IDIRMTSOI	<a href="#">Amended (Minor)</a>	Amended (Minor)	50466		
2012-12-11 02:16PM	IDIRMTSOI	<a href="#">E-submission</a>	Opening ID 1017622 updated	50466	Yes	



# Format of Opening Spatial

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1483562.1448403518,510304.785169465 1483564.698211982,510296.
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Opening ID (as Key)

Provide GML of Opening Boundary representing JS treated area

Action Code = "U" -Update



# RESULTS Information Submission Specifications - Follow-up Clarification on Juvenile Spacing (Part 13)

As the Land Based Investment Program uses multiple delivery agents and has varying funding levels it is important to capture current information in RESULTS so it is easily retrievable. The use of Shell openings provides a more streamline approach and can be used on pre-1987 blocks as well as fires where there is no licensee obligation. Following are some points of clarification for Table 16, Data Requirements for Juvenile Spacing.



# RESULTS Information Submission Specifications - Follow-up Clarification on Juvenile Spacing (Part 13)

## Eligibility Survey Activity (pre-treatment)

- Inter-agency No – Mandatory – FFT project number listed in FIRS or PINES or Ministry generated number see Sec.6.2.3. Required for completed projects under a FFT project.
- Comments or Attachments – Should include information outlining the areas suitable for spacing and proposed prescription as well as an assessment of the areas not suitable for treatment.
- Forest Cover – Where there is new or better information collected, then the forest cover (if greater than six years old) should be updated for the entire area surveyed. This is outlined in the pre-stand tending survey and prescription development standard section 3.10

[http://www.for.gov.bc.ca/ftp/HFP/external/!publish/fft\\_standards\\_on\\_cms\\_web/Surveying/Final-LBIP-Pre-Stand-Tending-Survey-Standard-March312012.pdf](http://www.for.gov.bc.ca/ftp/HFP/external/!publish/fft_standards_on_cms_web/Surveying/Final-LBIP-Pre-Stand-Tending-Survey-Standard-March312012.pdf)

## **Forest Cover Inventory Label**

*3.10 All Surveys must produce a complete updated forest cover inventory label for each Stratum, as specified in the Silviculture Survey Procedures Manual and the RESULTS Information Submission Specification - Government Submission. If a Recce Survey is performed and no treatment is recommended, and there is a current (within the last 5 years) FG survey forest cover inventory label in RESULTS that still best describes the stand attributes, then there is no requirement to update the forest cover label.*

# RESULTS Information Submission Specifications - Follow-up Clarification on Juvenile Spacing (Part 13)



## **Planned Treatment Activity**

- Forest Cover –Treatments planned for the future are linked to the surveyed area and therefore would use the same forest cover identified with the area prescribed for treatment.

## **Survey Activity (post-treatment)**

- This section can be used for either pay plots or for the Post Incremental Treatment Assessment (Use PITA Standard) which is being developed on the Coast.
- Forest Cover – Forest cover should be updated if new information is collected as per the survey standard.