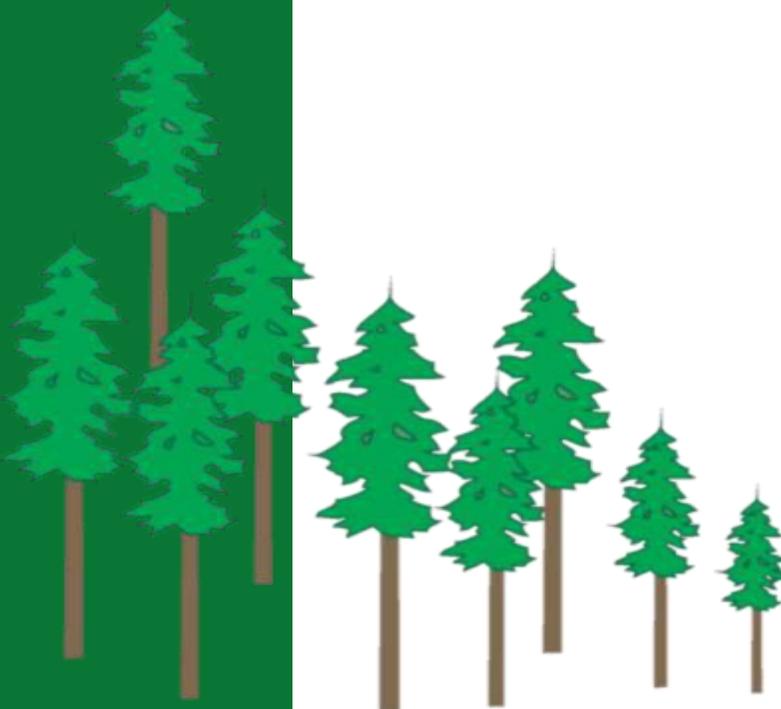




Coast

Appraisal Training

Module 9
ECAS Overview



Coast Area
March
2024



Disclaimer: This document is intended for use during appraisal training activities and as a general guide to appraisals. It is not intended as a basis for legal interpretation of the *Coast Appraisal Manual (CAM)*. If there is any discrepancy between these materials and the *CAM*, the *CAM* in force on the effective date of the cutting authority initial or post-harvest appraisal data submission is correct. The *CAM* is posted on Timber Pricing Branch's website is the official version. If there are any questions about a specific appraisal issue please contact Coast Area Pricing appraisal staff at the Coast Area office.

Module 9 – ECAS Overview

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Introduction

The Electronic Commerce Appraisals System (ECAS) must be used by licensees to submit fully appraised auctioned and non-auctioned cutting authority's appraisal data to the ministry. This Module is intended as a reference resource for appraisal submitters and reviewers. Additional information is available at ECAS HELP. However, the information provided in this module and in ECAS HELP is intended for use during appraisal training activities and as a general guide to appraisals and is not intended as a basis for legal interpretation of the *Coast Appraisal Manual (CAM)*.

An ECAS ID once submitted by a forest professional (status in ECAS of *SUBMIT*) becomes a professional document. The ECAS ID remains a professional document until updates are done by a Coast Area Pricing (CAP) appraisal staff member just before they change the status of the ECAS ID to *VERIFIED*. The ECAS ID becomes a worksheet just before status change of *VERIFIED*.

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Types of ECAS Users

Depending on their role, different people (submitters and reviewers) will use ECAS to different ends:

- Non-Auctioned Timber (major) Licensees submit their appraisal data submission (ADS) directly to the Ministry of Forests (FOR) resource district via ECAS;
- Consulting Registered Professional Foresters (RPFs) and Registered Forest Technologists (RFTs) submit an ADS on behalf of their licensee clients to the resource district or region via ECAS;
- FOR BC Timber Sales (BCTS) staff submit their ADS to the resource district via ECAS;
- FOR resource district staff review the ADS in ECAS and then submit to the region; and
- FOR regional staff review the ADS in ECAS and determine the stumpage rate, which is electronically available to the licensee via the General Appraisal System (GAS).

Note: Licensees can use their own in-house systems to create an XML file and upload it to ECAS. Alternatively, ECAS has a tool to create an XML from an existing ADS.

Non-Gov't User

You must have a valid and activated BCeID account to use ECAS. BCID is an Online Service that makes it possible for you to use your user ID and password to sign in securely to BCeID- participating Government Online Services.

- NOTE
- For first time registrants, if you or your organization do not have a valid and activated BCeID account, the process requires online registration and a visit to a local Service BC office to verify your identity and complete the process for obtaining a valid BCeID.

<https://www.bceid.ca/>

Please note, the first time you use your BCeID account, you must activate it prior to logging into ECAS.

Setting up your ECAS profile

Once you have your BCeID account, you must request access to ECAS. You will not be able to use the system until set-up is complete.

Request access by filling out the online Access Request form at the following link:
<http://www.for.gov.bc.ca/hva/ecas/access.htm>

Before you can begin to use ECAS, the ECAS Help Desk will set up your information in ECAS. You should then verify your information in ECAS.

Steps to verify your information in ECAS

1. From the Administration menu, select User Search. The User Search screen displays.
2. Verify that the user information you received when you have received your BCeID displays in the User ID field exactly as you entered it.
3. Click Search. The results of your search are displayed in the bottom portion of the screen.
4. Click the Details button beside the search result that you want to update. The Maintain User screen is displayed. If you make any changes, ensure you click the **SAVE** button each time.

The next step depends on whether you are a first-time user submitting an ADS or an FOR district or region reviewer.

First Time BCTS and non-Government Submitters

Submitters are professionally accountable for the quality of their ADS. They have a professional responsibility to their client or employer to submit appraisals which follow the policies and procedures outlined in the applicable appraisal manual. They have a professional responsibility to submit appraisal data which are accurate estimates at the time of submission.

Methods to ensure quality appraisal submissions include self-assessing competency in submitting and reviewing appraisals, maintaining competency in the appraisal field of practice by staying current with legislation and regulations, participating at the MPS, CPAAC and IAAC meetings, and using peer reviews of work prior to submitting an appraisal.

First Time Ministry Reviewers

Forest professionals reviewing appraisals carry out a professional quality review as fairly and systematically as possible. Once an ADS has been submitted, the district must receive it. There is a box on the bottom left corner of the inbox screen that must be checked off before review can commence.

Setting-up 'To Do' Inbox in ECAS05 – Search screen

In the bottom portion of the Maintain User screen, fill in the following fields (note: use the User Search screen in ECAS to find your profile, then select Details to navigate to the Maintain User screen):

1. Enter the client number – You can click the icon next to the client number field and navigate to the client search screen where you will be able to find the applicable client. Click the Select button in the bottom portion of this screen to return to the Maintain User screen.
2. Enter the corporate name.
3. Enter the client location.
4. If you are a district representative, the district representative indicator will be checked for you already.
5. If you are a region representative, the region representative indicator will be checked for you already.
6. Remember to click Save – The information entered appears in the bottom portion of the screen – click the Details button to edit the information.
7. Repeat this process for every client that you will be responsible for reviewing their appraisals.
8. Auto email notifications for different clients may need to be set up for each client within the organization unit.

ECAS Help

ECAS Help Desk

The Electronic Commerce Appraisals System (ECAS) was developed to replace the paper driven process of submitting appraisal data to the ministry. Just as there are two distinct appraisal manuals and policy, ECAS is divided into Coast and Interior tracts. As these manuals are amended periodically, ECAS will be changed to collect the appropriate data accordingly. The system is designed to operate over the internet to take advantage of the speed of electronic communication. Technical questions or problems encountered may be submitted through the Help Desk link.

The ECAS Help Desk is available to assist ECAS users. Contact the ECAS Help Desk if you have questions or feedback about the system or if you are encountering technical difficulties.

The ECAS Help Desk is intended to maintain reasonable expectations and consistent service between the ECAS Help Desk and users of ECAS.

Hours of operation are 8:30 am to 4 pm, Monday to Friday (PST).

For all enquiries, please contact the ECAS Help Desk

Toll Free	1-877-356-7666
In Victoria	1-250-356-7666
Fax	1-250-387-5670
Email	FORHVAP.ECASHHELP@gov.bc.ca

If possible, please provide details of your concern or issue. An ECAS ID and current example of the issue helps isolate the problem. A Snipped picture of the problem is also very helpful.

ECAS Online Help

More detailed technical information may be found at the link below. Or by using the interactive link provided on each screen in ECAS.

ECAS Online Help Link: <http://www.for.gov.bc.ca/hva/rh/ecas/>

ECAS Screens

There are 20 or more different screens in ECAS that may be used for a Coast appraisal data submission and for an Interior appraisal data submission there are approximately 20 or more different screens. At the top of each ECAS screen there is a navigation selection ability in area called the 'Tombstone Information' (Figure 9-1). This includes a link (highlighted in yellow Figure 9-1) to the ministry's General Appraisal System (GAS) where a report of detailed stumpage calculations can be retrieved for appraisals that have had rates determined.

Administrative functions such as search, xml uploads, reports, user search, etc. are available depending on your security profile or authorization level. User level of authority or security profile is set for each individual's BCeID or IDIR in ECAS.

When working in each screen, you may have the option to "Enter" or "Select from a Drop-Down Menu" in each field.

Tombstone Information

Figure 9-1 - Tombstone Information

To retrieve an existing appraisal enter Timber Mark and Effective Date, or ECAS ID [Stumpage Rate Summary](#)

Licence: Cutting Permit: Timber Mark(s): (+) AND Effective Date: OR ECAS ID:

Appears at the top of all of an ECAS ID's screens and provides the Licence, cutting permit (when appropriate), Timber Mark (when a multi-mark this is the primary mark), Effective Date and ECAS ID.

Stumpage Rate Summary

The link to the top right of Tombstone Information (highlighted in yellow Figure 9-1) will take you to the GAS 'Summary – Appraised Worksheet' screen.

If the error message '*A stumpage rate could not be generated for this worksheet. Reason: Consumer Price Index could not be determined.*' appears, the reason is most likely that the ECAS44 – Grade % screen has been populated with grade information or the effective date in the ECAS43 - Reference screen does not have selling price information in GAS yet.

- NOTE
- 'Save' is required on individual screens and sometimes for sections within the screen. If changes have been made to data, it is important to use the save button before navigating to another screen or any changes made will be lost.

ECAS05 – Inbox Search

Figure 9-2 – Inbox Search screen

Ecas Id	Timber Mark	Licence	CP	Client Name	Appraisal Type	Effective Date	ECAS Status	Status Change Date	Submitted Date	District Received Date	Sent to Region Date
72438	92615	A92615		0013218500 - TIMBER SALES MANAGER STRAIT OF	New	2015-09-01	Region	2015-08-10	2015-07-23	2015-07-30	2015-08-10
68454	84892	A84892		0013218500 - TIMBER SALES MANAGER STRAIT OF	New	2015-08-01	Clarify Requested	2015-08-04	2015-06-17	2015-07-16	2015-07-23
68089	93125	A93125		0013218600 - TIMBER SALES MANAGER CHINOOK	New	2015-08-19	Region	2015-08-04	2015-07-21	2015-08-04	2015-08-04

The purpose of this screen is to be able to search for an ECAS Id or a group of ECAS Ids using the search criteria of the displayed information at the top of the screen. The search results will be displayed below the grey line.

The various column headers in the search result portion of the screen will be defined/explained in other portions of training.

Icons for Each ECAS ID

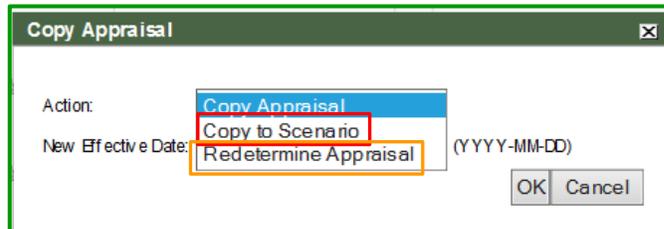
The icons on the right-hand side of the search (outlined in red Figure 9-2) results are enabled by left clicking on them and are:

-  Appraisal Details – takes you directly into the ECAS Id Reference Screen to be able to view or work within the appraisal data submission.
-  History – displays the Audit Log History which provides information relating to the appraisal data submission, including comments from the licensee, district, and region, as well as tracking changes to the data.
-  Print – Provides a PDF document in an email of the appraisal data submission. There will be two emails containing a PDF: one with landscape information and the other with portrait. Combined, these two PDFs constitute the appraisal data submission.



Copy Appraisal – creates a new ECAS Id, with all the appraisal data elements contained within the original ECAS Id copied into the new ECAS Id. There are three copy functions available when this icon is selected.

Figure 9-3 – Copy Function Drop-down Menu



1. **Copy Appraisal** (highlighted in blue Figure 9-3).
 - The purpose is to be able to copy an ADS for reappraisal of the cutting authority.
 - All user types have this authority. NOTE that once created only a submitting forest professional with authority of the licensee/TSO can edit and change the status.
 - Once copied over, the ADS status becomes Draft where only the licensee/TSO can view the ADS. Once the ADS is in Submit status, it can be viewed by all user types.
 - The ADS audit log history screen tracks the original ECAS Id where the data was copied from.
 - No attachments are copied over.
2. **Copy to Scenario** (outlined in red Figure 9-3).
 - The purpose is to be able to work on alternative scenarios of the original appraisal data submission without impacting the original ADS.
 - Only the region and district staff have authority to perform this type of copy.
 - Once copied over, the status becomes Scenario and will not change.
 - The audit log history screen tracks the original ECAS Id where the appraisal data elements were copied from.
 - Can only be viewed by district and region staff.
 - No attachments are copied over.
3. **Redetermine Appraisal** (outlined in orange Figure 9-3).
 - Only can be done on an ECAS Id which has a status of Confirmed.
 - The purpose is to be able to recalculate or redetermine a cutting authority. This generally occurs when a new market pricing system equation is approved for recalculation by the Minister.
 - Only the region and branch staff have authority to perform this type of copy.
 - Once copied over, the status becomes “Region”. This ECAS Id bypasses the normal SFP submission as it is unnecessary.
 - The audit log history screen tracks the original ECAS Id where the appraisal data elements were copied from.
 - Can only be viewed by region and branch staff until status is Confirmed.
 - No attachments are copied over.

Figure 9-4a – ECAS Inbox Search Screen

ECAS05 - Inbox Search: Search Historic or Non Appraised Appraisals in GAS

Org Unit:

Coast: Interior: All:

My to do list: All Submissions:

Ascending: Descending:

Sort:

Search

Licence:

Timber Mark:

Appraisal Type:

ECAS Status:

Cutting Permit:

ECAS ID:

Reappraisal Reason:

User ID:

Client Number:

BCTS Fund:

Date Type:

From Date:

To Date:

Certification Statement:

Mgmt Unit Type:

File Type:

Search for Changed Circumstance Reappraisal

A method of searching for cutting authorities such as searching for a Change Circumstance reappraisal would include:

1. Org Unit (outlined in green Figure 9-4a) **Specific district**
2. Coast radio button (outlined in yellow Figure 9-4a) **Coast**
3. All Submissions radio button (outlined in orange Figure 9-4a) **All Submissions**
4. Search can be by:
 - a. Any licences that the individual doing the search has authority to access in ECAS. This is done by leaving all the data elements within the red dashed line in Figure 9-4a blank.
 - b. Specific Licence
 - c. Specific Timber Mark
 - d. ECAS Id
 - e. Specific Client Number
5. Appraisal Type (outlined in red Figure 9-4a) **New**
6. Date Type (outlined in blue Figure 9-4a) **Appraisal Effective Date**
7. From Date (outlined in fuchsia Figure 9-4a) **2018-07-01**
8. To Date (outlined in purple Figure 9-4a) **2019-03-31**

Final product of the search parameters listed above is shown in Figure 9-4b.

Figure 9-4b – Search Example for Changed Circumstance

The screenshot displays the 'ECAS05 - Inbox Search' interface. At the top right, there is a link for 'Search Historic or Non Appraised Appraisals in GAS'. The search parameters are organized into several sections:

- Org Unit:** A dropdown menu with options: DCK - Chilliwack Natural Resource Distri, DCR - Campbell River Natural Resource Di, DKM - Coast Mountains Natural Resource D, and DND - Nadina Natural Resource District.
- Coast:** Radio buttons for 'Interior' (selected) and 'All'.
- My to do list:** Radio buttons for 'All Submissions' (selected).
- Ascending/Descending:** Radio buttons for 'Ascending' and 'Descending' (selected).
- Sort:** A dropdown menu set to 'Ecas ID'.
- Licence:** An empty text input field.
- Cutting Permit:** An empty text input field.
- User ID:** An empty text input field.
- Timber Mark:** An empty text input field.
- ECAS ID:** An empty text input field.
- Client Number:** Two empty text input fields with a search icon.
- Appraisal Type:** A dropdown menu set to 'N - New'.
- Reappraisal Reason:** A dropdown menu.
- BCTS Fund:** A dropdown menu.
- ECAS Status:** A dropdown menu with options: *ACC - Accepted *, *AFP - Approved *, and BUP - BCTS Update.
- From Date:** A date input field with a calendar icon.
- To Date:** A date input field with a calendar icon.
- Date Type:** A dropdown menu with options: Appraisal Effective Date (selected) and Appraisal Expiry Date.
- From Date:** A date input field containing '2018-07-01' with a calendar icon.
- To Date:** A date input field containing '2019-03-31' with a calendar icon.
- Certification Statement:** A dropdown menu.
- Mgmt Unit Type:** Two empty text input fields with a search icon.
- File Type:** A dropdown menu.

DRAFT

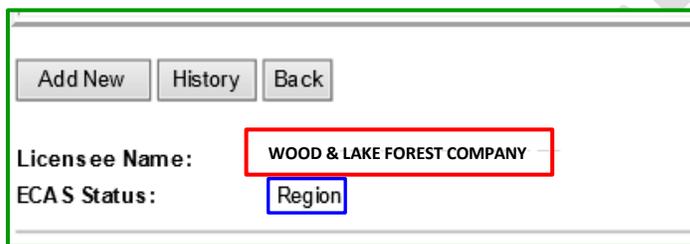
ECAS30 - Reference Information

Appraisal data elements that are greyed out are display information only. These data elements are drawn from other government systems (outlined in blue Figure 9-8) such as Forest Tenures Administration (FTA). To change these data elements the source system (FTA, CLIENTS, etc.) must be changed which will result in ECAS being updated on its periodic refresh cycle.

Cutting Authority Section

An ECAS Id is an appraisal data submission, while attachments are the supporting documentation from which the appraisal data elements are obtained.

Figure 9-5 – Reference Information screen #1



Licensee Name

Is the licence holder's legal name (outlined in red Figure 9-5) which ECAS obtains from CLIENT application and is display only. If the legal name is incorrect then CLIENT must be updated. ECAS has a validation error when the client name or number in FTA and ECAS do not match.

ECAS Status

The status (outlined in blue Figure 9-5) of an ECAS Id changes as it is processed. For a detailed explanation of status codes in the Status Code Section of this module and for a detailed diagram ECAS/GAS Workflow & Status see Appendix 9-1.

Reference Timber Mark

Timber Mark(s) & Timber Mark Cruise Vol (m³)

Is the timber mark(s) of the cutting authority being appraised and cruise volume associated with the mark. On the Coast there are two types of cutting authorities:

1. Single Timber Mark

Typically, a cutting authority has only a single timber mark and the Timber Mark Cruise Vol. (m³) is the cutting authority total net cruise volume.

Figure 9-6 – Reference Information screen #2

Reference Timber Mark:		
Timber Mark	Timber Mark Cruise Vol. (m ³)	Primary Mark
<input type="text"/> *	<input type="text"/> *	<input type="checkbox"/>
EX5127	36259	<input checked="" type="checkbox"/>

2. Multiple Timber Marks

A cutting authority can contain more than one mark. This only occurs within a Tree Farm Licence when one or more timber licences contribute volume to the cutting authority.

Figure 9-7 – Reference Information screen #3

Reference Timber Mark:		
Timber Mark	Timber Mark Cruise Vol. (m ³)	Primary Mark
<input type="text"/> *	<input type="text"/> *	<input type="checkbox"/>
14/53	132	<input checked="" type="checkbox"/>
TAMFTE	18917	<input type="checkbox"/>
TAMKCA	10595	<input type="checkbox"/>
TAMSTD	2442	<input type="checkbox"/>

The Primary Mark is the Tree Farm Licence mark (outlined in red Figure 9-7) even if there is no timber volume being contributed to the cutting authority total net cruise volume. The Tree Farm Licence area mark must be entered even if there is 'zero' volume.

Cutting Authority Location & Type Section

Geographic Forest District

Is the forest district the cutting authority is physical located within (outlined in blue Figure 9-8), is obtained from Forest Tenure Administration (FTA) and is display only.

NOTE If the Geographic Forest District is incorrect, then update must occur in FTA!

Figure 9-8 – Reference Information screen #4

Geographic Forest District:	DOR - Campbell River Natural Resource District	File Type:	A01 - Forest Licence
Administrative Forest District:	DOR - Campbell River Natural Resource District	NRFL Bonus Bid:	<input type="text"/> \$/m ³
TSA:	48 - North Island TSA	TSB:	48E - North Island TSA Kyuquot Block *
POA Distance:	235 km *	Distance to Major Centre:	109 km

Administrative Forest District

The Administrative Forest District (outlined in fuchsia Figure 9-8) occurs if a cutting authority area is physically in one district but is administered from another district. The geographic district will determine certain distinct costs in the GAS calculation.

- NOTE
- Only occurrence of one district administering another is a TFL where DNI administer area that is within geographic boundaries of DCR.

File Type

File type (outlined in blue Figure 9-8) is the type of licence agreement the cutting authority is issued under obtained from FTA and is display only.

- NOTE
- If it the 'File Type' is incorrect, then FTA must be updated to correct the file type in ECAS.

NRFL Bonus Bid

For competitive Non-Replaceable Forest Licences (NRFL). The bonus bid is in \$/m³ applicable to the cutting authority area.

TSA (Timber Supply Area)

Is the TSA the cutting authority area is located within. ECAS obtains this appraisal data element from FTA and it is a display only in ECAS. If it is incorrect then FTA must be updated.

TSB (Timber Supply Block)

Is the TSB that the cutting authority area is located within the TSA. The TSBs are available in the drop-down menu in ECAS and are based upon the TSA information from FTA. The TSB layer is available in MapView. For TFLs, the TSB is not applicable and must be left blank.

- NOTE
- When a TSB has been saved in an ECAS Id, the presence of this appraisal data element in ECAS locks the TSA appraisal data element.
- ⇒ This is an issue only if TSA was incorrectly entered into FTA, when it should have a TFL, at time that the ECAS Id is created.
 - ⇒ Even if FTA is updated, the ECAS Id will remain the TSA and will not blank.
 - ⇒ To un-lock the TSA so that it will blank out the TSB must be Deleted and then the Save button in the appropriate section of the ECAS30 – Reference Information screen clicked on.
 - ⇒ Allow some time (couple of four hours) for the update to occur in the ECAS Id as the ECAS & FTA systems need to talk before the update occurs in the ECAS Id.

POA Distance (EWB Variable GAMBDIST)

The point of appraisal distance is the weighted average straight-line distance between the geographic centre of each cutblock in a cutting authority area and Gambier Island.

Distance to Major Centre (EWB Variable GAMBDIST)

Is auto-populated by ECAS from the ECAS41 - Cutting Authority Detail screen.

Cutting Authority Type and Cruise Summary Section

Figure 9-9 – Reference Information screen #5

The screenshot shows a form with the following fields and values:

- Appraisal Type:** Initial ADS, Post-Harvest ADS, Reappraisal: [dropdown]
- Appraisal Effective Date:** 2022-02-04
- Appraisal Expiry Date:** 2026-02-03
- Cruise Type:** CF - Cruise Loss Factor
- Total Net Cruise Volume:** 72868 m³
- Single Tree Selection Volume:** 0 m³
- Net Volume Second Growth Coniferous:** 16993 m³
- Sampling Error % (at 2 stand.dev.):** 9.9 %
- Rate Calculation Method:** CVP, MPS
- Single Tree Selection Cruise Grades:** [checkbox]
- Is Second Growth Coniferous Volume = 80.00% of Total Coniferous Volume:** [checkbox] 23.45%
- Total Coniferous Volume:** 72463 m³
- Fibre Recovery Zone:** [input]

Buttons: Save, Delete Appraisal

Appraisal Type

The ECAS Id for cutting authority that is fully appraised is a:

1. Initial Appraisal Data Submission

Figure 9-10a – Reference Information screen

The screenshot shows the 'Appraisal Type' section with the following options:

- Initial ADS
- Post-Harvest ADS
- Reappraisal: [dropdown]

Select the radio button beside 'Initial ADS' (circled in red Figure 9-10a) to be provided for a fully appraised cutting authority when applying for the cutting authority.

2. Post-Harvest Appraisal Data Submission

Figure 9-10b – Reference Information screen

The screenshot shows the 'Appraisal Type' section with the following options:

- Initial ADS
- Post-Harvest ADS
- Reappraisal: [dropdown]

Select the radio button beside 'Post-Harvest ADS' (circled in orange Figure 9-10b) when submitting the post-harvest ADS within 180 days of harvesting being completed on the cutting authority area or expiry of the cutting authority.

3. Reappraisal

Figure 9-10c – Reference Information screen #7

The screenshot shows the 'Appraisal Type' section with the following options:

- Initial ADS
- Post-Harvest ADS
- Reappraisal: [dropdown]

The dropdown menu is open, showing the following options:

- BRS - Beetle Re-Sweep
- CHM - Change in Harvest Method
- CID - Change in Development
- HA - Change in Harvest Area
- MIN - Minister Directed
- OCC - Other Change Circumstance
- OTH - Other
- RED - Redetermination
- SSD - Sudden & Severe Damage

Other fields in the form include:

- Appraisal Effective Date:** 2021-03-12
- Appraisal Expiry Date:** [input]
- Cruise Type:** CF - Cruise Loss Factor
- Total Net Cruise Volume:** 36784 m³
- Single Tree Selection Volume:** 0 m³
- Net Volume Second Growth Coniferous:** 36296 m³
- Sampling Error % (at 2 stand.dev.):** 11 %
- Rate Calculation Method:** CVP, MPS
- Single Tree Selection Cruise Grades:** [checkbox]
- Is Second Growth Coniferous Volume = 80.00% of Total Coniferous Volume:** [checkbox]
- Total Coniferous Volume:** [input]

Buttons: Save, Delete Appraisal

In coastal PHARM the reason for the reappraisals (circled in purple Figure 9-10c) of the cutting authority whose effective date is;

- a. on or after April 1, 2019
 - i. Minister Directed (MIN) (highlighted green Figure 9-10c) under section 3.3.8 of CAM.
 - ii. Other (OTH) for unforeseen circumstance that have triggered a reappraisal.

NOTE • Specific guidance will be sent by Ministry of Forests staff when this reason for a reappraisal is applicable.
 - iii. Redetermination (RED) is a reason for the redetermination by CAP appraisal staff. Not a reason for a SFP!
 - iv. Sudden & Severe Damage (SSD) to the timber (highlighted yellow Figure 9-10c) under section 3.3.1 of CAM.
- b. Prior to April 1, 2019
 - i. Change in Harvest Method (CHM) is for changes in harvest method by the amount specified in the applicable CAM.

NOTE • Both ground and cable harvest method on the coast are “Conventional” harvest method:
⇒ This means if there is a switch from ground harvest method to cable harvest method there is no change in harvest method.
 - ii. Change in Development (CID) is for change in development cost by the amount specified in the applicable CAM.
 - iii. Change in Harvest Area (HA) is for change in harvest area by the amount specified in the applicable CAM.

NOTE • Changes in harvest area are cumulative.
⇒ This means that a reduction of harvest area by 0.8 ha and increase in harvest area by 1.1 ha is a change of 1.9 ha.
 - iv. Minister Directed (MIN) to the timber (highlighted green Figure 9-10c) under section 3.3.8 of CAM.

NOTE • As a general rule this is used by Ministry of Forests staff (TPB or CAP appraisal section).
⇒ It may be in the future that the Minister may request SFP to provide a submission. If this occurs specific guidance will be sent by Ministry of Forests staff.
 - v. Other Change Circumstance (OCC) for change circumstance situation that is not covered by the other change circumstance reappraisal than those listed above.
 - vi. Other (OTH) for unforeseen circumstances that have triggered a reappraisal.

NOTE • Specific guidance will be sent by Ministry of Forests staff when this reason for a reappraisal is applicable.
 - vii. Redetermination (RED) is a reason for the redetermination for CAP appraisal staff. Not a reason for a SFP!
 - viii. Sudden & Severe Damage (SSD) to the timber (highlighted yellow Figure 9-10c) under section 3.3.1 of CAM.

Appraisal Effective Date

The appraisal effective date (outlined in red Figure 9-11) is used to determine the applicable CAM, respective policies, and average coniferous selling price information.

The effective date for a:

1. non-auctioned timber fully appraised cutting authority;
 - a. initial appraisal data submission is the issue date of the cutting authority.
 - b. post-harvest appraisal data submission is the day after the issue date of the cutting authority (unless otherwise specified).
2. auctioned timber cutting authority (BCTS) it is set by the statutory decision maker.

NOTES

- the effective date set by the statutory decision maker must not be changed during second pass!
- changing the effective date during second pass will change the selling price information, which will impact the stumpage rate of the awarded timber sale licence.

3. sudden & severe damage reappraisal is the first of the month after the damaging event ends.
4. Minister Directed reappraisals is the date the Minister signs the directive, or any future date specified in the Minister direction.

Figure 9-11 – Effective & Expiry Date Reference Information screen

The screenshot shows a form with the following fields and values:

- Appraisal Type:** Initial ADS (selected), Post-Harvest ADS, Reappraisal
- Appraisal Effective Date:** 2020-01-03
- Appraisal Expiry Date:** 2024-01-02
- Cruise Type:** CF - Cruise Loss Factor

Appraisal Expiry Date

For a non-auctioned timber cutting authority the appraisal expiry date (outlined in blue Figure 9-11) for an initial ADS and post-harvest ADS is the same date as the cutting authority's expiry date. The expiry date may change due to postponement or extension of the cutting authority.

If a reappraisal due to sudden & severe damage (see Module 10 for further details) is required for a fully appraised non-auction timber cutting authority area the expiry date for the:

1. Initial ADS must be updated to the last day of the month that the sudden & severe damage event ends.
2. Reappraisal ADS expiry date remains the expiry date of the cutting authority tenure document.

For auctioned timber (BCTS) the appraisal expiry date is not required during first pass. During second pass the submitting forest professional must update ECAS to match the expiry date of the signed cutting authority agreement document.

Cruise Type

Cruise type (outlined in fuchsia Figure 9-11) is the type of cruise compilation (Loss Factor or Call Grade Net Factor) from which the cutting authority's appraisal data elements and Estimated Winning Bid (EWB) variables are obtained. Populate the appraisal data element by selecting from drop-down menu (outlined in blue Figure 9-12) the appropriate type of cruise/cruise compilation for the cutting authority.

Figure 9-12 – Effective & Expiry Date Reference Information screen

The screenshot shows a form with three rows. The first row is 'Appraisal Effective Date:' followed by a date input field containing '2020-02-13' and a calendar icon. The second row is 'Cruise Type:' followed by a dropdown menu that is open, showing two options: 'CF - Cruise Loss Factor' and 'CGNF - Call Grade Net Factor'. The dropdown menu is highlighted with a blue border. The third row is 'Total Net Cruise Volume:' followed by an empty input field.

- NOTE
- For MPS2023 there are two different MPS equations for;
 - ⇒ Scale based billing cutting authorities use Loss Factor cruise compilation for appraisal data elements & EWB variables.
 - ⇒ cruise based billing cutting authorities use Call Grade Net Factoring.

Total Net Cruise Volume

Is the total volume of the cutting authority and is auto-populated by ECAS by adding together all species volume inputted at the bottom of the ECAS30 - Reference Information screen.

The value may be plus or minus one or two cubic metres different from the cruise compilation Appraisal Summary Report due to rounding. If they do not match, then adjustments to volumes in ECAS33 – Tree to Truck/Log Transportation/Administration screen and ECAS41 - Cutting Authority Detail must be made.

The total volumes in all screens in ECAS must match the Total Net Cruise Volume in the ECAS.

As per the Director Timber Pricing Branch direction letter (see Appendix 3-1) regarding not changing the species volumes from those listed in the Cruise Compilation!

Single Tree Selection Cruise Grades

Is an appraisal data element that is not used in the calculation of stumpage rates currently. This field is auto populated by ECAS from the Single Tree Selection volume appraisal data element.

Single Tree Selection Volume

Is an appraisal data element that is not used in the calculation of stumpage rates currently. This field must be left blank.

Net Volume Second Growth Coniferous

Is the total of all coniferous volume that is in the cutting authority that meets the definition of second growth in the CAM. The second growth volume is obtained from the cruise compilation Appraisal Summary report.

NOTE This ECAS field must not be left blank. If there is no second growth coniferous volume then a zero (0) should be entered.

Total Coniferous Volume

Is the total volume of all coniferous species in the cutting authority and is auto-populated by ECAS by adding together all coniferous species volume inputted at the bottom of the ECAS30 - Reference Information screen.

Sampling Error %

This appraisal data element is defined in the Cruise Manual and is obtained from the cruise compilation Appraisal Summary report.

NOTE When the cutting authority harvest volume is being reduced for retention objectives, the Sampling Error % MUST come from an Un-Reduced or Full Report cruise compilation and is for all species in the cutting authority.

Fibre Recovery Zone

The Fibre Recovery Zone (FRZ) fraction estimated winning bid variable.

NOTE If the effective date of the ECAS Id is prior to December 15, 2021, then population of the FRZ Fraction must be done via the workaround guidance provided.

Rate Calculation Method

Is an old ECAS field for selection between the Comparative Value Pricing (CVP) and the Market Pricing System (MPS). ECAS defaults to MPS and this must not be switched, as CVP is no longer an acceptable method of appraisal of timber in British Columbia.

Species & Volume Section

Volume by Species

Each species in the cutting authority area and its associated volume must be recorded. The species and volumes are obtained from the cruise compilation Appraisal Summary report. It is important to remember that if some of the timber in the cutting authority area is not being harvested (retention), then the Reduced or Harvest cruise compilation is to be used to obtain species and volumes.

As per guidance provided (see Appendix 3-1) by the Director of TPB, each species volume must be recorded in ECAS with the same species volume that is in the

Initial Merchantable Area

The initial merchantable area is obtained from the cruise compilation Appraisal Summary report for the initial appraisal data submission. The Initial Merchantable Area will never change and will remain the same for the post-harvest ADS and if applicable a reappraisal ADS.

Figure 9-15 – Reference Information screen #11

Initial Merchantable Area: (record to nearest 0.1 ha)	84.3 ha *	Appraisal Year	*	Area Logged (ha)	*	Save
Net Amendments:	0 ha	2007		0		Update
Total Merchantable Area:	84.3 ha					

This appraisal data element should be greyed out if the reappraisal is created via Copy function in ECAS.

Net Amendments

Is auto populated from the information inputted into the Amendments Since Last Cruise Compilation.

Figure 9-16 – Reference Information screen #10

Initial Merchantable Area: (record to nearest 0.1 ha)	138.5 ha	Appraisal Year	*	Area Logged (ha)	*	Save
Net Amendments:	25.9 ha	2006		92.1		Update
Total Merchantable Area:	135 ha					

Total Merchantable Area

Is auto populated from the information inputted into the Amendments Since Last Cruise Compilation.

Figure 9-17 – Reference Information screen #12

Initial Merchantable Area: (record to nearest 0.1 ha)	138.5 ha	Appraisal Year	*	Area Logged (ha)	*	Save
Net Amendments:	25.9 ha	2006		92.1		Update
Total Merchantable Area:	135 ha					

This appraisal data element is not a cumulative change as with change circumstance calculation. ECAS works by adding and subtracting amendments against the Initial Merchantable Area to obtain the cutting authority actual area of harvest.

Appraisal Year

Is the current calendar year the initial appraisal data submission is submitted. All of the 'Appraisal Year' in the ECAS screens in the ECAS Id must be the same.

Figure 9-18 – Reference Information screen #13

Initial Merchantable Area: (record to nearest 0.1 ha)	54.9 ha	Appraisal Year	*	Area Logged (ha)	*	Save
Net Amendments:	1.9 ha	2007		43.5		Update
Total Merchantable Area:	56.8 ha	2006		0		Update

In an IADS, at the beginning of the calendar year the previous year is permissible if the IADS SUBMIT status occurred in ECAS in the prior year. For a PHADS the correct year is (appraisal year is year of effective date of cutting authority) required on all screens.

Area Logged

Is the amount of volume logged as of the effective date, which generally is zero. The only exception would be in a sudden & severe damage reappraisal.

Figure 9-19 – Reference Information screen #13

Initial Merchantable Area: (record to nearest 0.1 ha)	54.9 ha	Appraisal Year	*	Area Logged (ha)	*	Save
Net Amendments:	1.9 ha	2007		43.5		Update
Total Merchantable Area:	56.8 ha	2006		0		Update

The purpose of the 'Appraisal Year' and 'Area Logged' is to amortize development cost against volume of harvest for the cutting authority. This was a critical appraisal data element during annual reappraisal policy. Without this a 'new' project cost would not have been fully amortized. This is no longer an issue in the GAS calculations.

ECAS41 – Cutting Authority Detail

Figure 9-20 – Cutting Authority Detail screen

ECAS41 - Cutting Authority Detail

To retrieve an existing appraisal enter Timber Mark and Effective Date, or ECAS ID [Stumpage Rate Summary](#)

Licence: Cutting Permit: Timber Mark(s): AND Effective Date: OR ECAS ID:

Weighted Haul Distance:
 Weighted Crew Transportation Distance:

Point of Appraisal:

Cutblock #	Harvest Method	Volume (m ³)	Point of Origin Area	Appraisal Log Dump	Other Log Dump	Truck Haul Dist. (km)	Crew Transportation		Access/ Isolated	Road Mgmt. (Y/N)	Major Centre		Update	Delete
							Distance (km)	Marshall Point			Major Centre	Distance (km)		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text"/>	<input type="text" value="A"/>	<input type="text" value="N"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Save"/>	<input type="button" value="Cancel"/>
10793	CY	6802	HEAD	JSKB		46.2	85	Merzies Bay Camp A	Y	CARV	61	<input type="button" value="Update"/>	<input type="button" value="Delete"/>	
10793	GS	1629	HEAD	JSKB		46.2	85	Merzies Bay Camp A	Y	CARV	61	<input type="button" value="Update"/>	<input type="button" value="Delete"/>	
21013	GS	8634	HEAD	JSKB		23.4	63.8	Merzies Bay Camp A	Y	CARV	58	<input type="button" value="Update"/>	<input type="button" value="Delete"/>	
21013	CY	3617	HEAD	JSKB		23.4	63.8	Merzies Bay Camp A	Y	CARV	58	<input type="button" value="Update"/>	<input type="button" value="Delete"/>	
K01006	CY	3133	HEAD	JSKB		49.8	89.3	Merzies Bay Camp A	Y	CARV	52	<input type="button" value="Update"/>	<input type="button" value="Delete"/>	
K01008	GS	602	HEAD	JSKB		47.1	86.5	Merzies Bay Camp A	Y	CARV	54	<input type="button" value="Update"/>	<input type="button" value="Delete"/>	
K01008	CY	14053	HEAD	JSKB		47.1	86.5	Merzies Bay Camp A	Y	CARV	54	<input type="button" value="Update"/>	<input type="button" value="Delete"/>	
L09251	CY	20795	HEAD	JSKB		58.3	97.1	Merzies Bay Camp A	Y	CARV	68	<input type="button" value="Update"/>	<input type="button" value="Delete"/>	

The information on this screen comes from the Harvest Method report page(s) of the cruise compilation. Ensure that the proper cruise summary page(s) are used and are identified as being "For Appraisal Purposes". As of January 1, 2024, there is now a location to input the Biogeoclimatic Ecosystem Classification (BEC) zone silviculture information in this screen by cut block. Silviculture costs are now determined by costs per hectare and not by district silviculture cost averages.

Point of Appraisal

Is always Gambier, so do not select any of the other options if available as they are no longer valid.

Cutblock

Are the alpha-numeric identifiers listed in ECAS for openings where timber harvesting of the cutting authority occurs. The alpha-numeric identifier should match what is listed in FTA as well as the Block Summary Report in the cruise compilation.

NOTE cutblock number(s) are case sensitive as well as blank sensitive. Submitting forest professionals should make every effort to replicate the cutblock(s) number from FTA for accuracy purposes.

Volume (m³)

Is the per cubic metre (m³) of 'Net Merchantable' volume planned timber extraction for each harvest method from a cutblock.

There may be more than one harvest method present within a single cutblock. It is required that the harvest method and associated volumes be entered at the cutblock level. The harvest method and volumes at the cutblock level are obtained from cruise compilations;

1. Claymore's "Summary of Cruise Data by Harvest Method in the Block" report

Cutblock CWR14

CLAIMOR IFF-PWT-2674 [2009.00]		INTERNATIONAL FOREST PRODUCTS LTD		FOREST LICENCE	AI9218
REPORT DATE	6-30-2009 (13:24:35)	CUTTING PERMIT	713	CUT BLOCK	CWR14
TYPE AVERAGE USED		HARVEST METHOD	CW14	CW14 CLEARCUT	
SUMMARY OF CRUISE DATA BY HARVEST METHOD IN BLOCK					
FILE/STU	A/118000E	MINIMUM DBH	17.5 CM	GRADES - MOP COMPUTERIZED	MERCHANTABLE TIMBER = 11.80 Ra.
FOREST REGION	COAST	STUMP HEIGHT	10.0 CM	NET FACTORS - IMB	
FOREST DISTRICT	N. ISLAND/C.COAST	TOP DIAMETER	15.0 CM	(M.C.R. - MOP LOCAL NP	
N.O.P. APPRAISAL INFORMATION		LOG LENGTH	10.0 M	OTHERS - MOP ZONAL NP	
SPECIES:	ALL	CON	C	H	Y
GROSS	M3 11531	11531	8686	1457	1384
NET TOTAL	M3 9254	9254	7058	1317	931
NET LIVE	M3 6545	6545	4446	1211	866
NET DEAD POTENTIAL	M3 2711	2711	2160	104	65
NET MD	M3 100.0	100.0	76.0	14.0	10.0
BLANDDOWN DAMAGE	M3 11	11	15		

Cutblock CWR14

CLAIMOR IFF-PWT-2674 [2009.00]		INTERNATIONAL FOREST PRODUCTS LTD		FOREST LICENCE	AI9218
REPORT DATE	6-30-2009 (13:24:35)	CUTTING PERMIT	713	CUT BLOCK	CWR14
TYPE AVERAGE USED		HARVEST METHOD	CW14	CW14 CLEARCUT	
SUMMARY OF CRUISE DATA BY HARVEST METHOD IN BLOCK					
FILE/STU	A/118000E	MINIMUM DBH	17.5 CM	GRADES - MOP COMPUTERIZED	MERCHANTABLE TIMBER = 11.80 Ra.
FOREST REGION	COAST	STUMP HEIGHT	10.0 CM	NET FACTORS - IMB	
FOREST DISTRICT	N. ISLAND/C.COAST	TOP DIAMETER	15.0 CM	(M.C.R. - MOP LOCAL NP	
N.O.P. APPRAISAL INFORMATION		LOG LENGTH	10.0 M	OTHERS - MOP ZONAL NP	
SPECIES:	ALL	CON	C	H	Y
GROSS	M3 11434	11434	8613	1444	1377
NET TOTAL	M3 9278	9278	6949	1106	723
NET LIVE	M3 6489	6489	4430	1000	659
NET DEAD POTENTIAL	M3 2689	2689	2519	105	65
NET MD	M3 100.0	100.0	76.0	14.0	10.0
BLANDDOWN DAMAGE	M3 11	11	15		

ECAS 41 – Cutting Authority Detail screen

Cutblock #	Harvest Method	Volume (m ³)	Point of Origin		Appraisal Log Dump	Other Log Dump	Crew Transportation		Access/ Mgmt. Isolated (Y/N)	Road Major Centre	Distance (km)
			Tran 1	2			Truck Haul Dist. (km)	Distance (km) Marshall Point			
CAV5	CY	6499 T	DRN	DRUR		2.9	2.9	Cavar Cove	Y	CARV	158
CAV5	GS	1826 T	DRN	DRUR		2.9	2.9	Cavar Cove	Y	CARV	158
CHR11	GS	2380 T	DRN	DRUR		5	5	Charlotte Point	Y	CARV	168
CHR11	CY	1680 T	DRN	DRUR		5	5	Charlotte Point	Y	CARV	168
CHR14	CY	9256 T	DRN	DRUR		2.5	2.5	Charlotte Point	Y	CARV	166
CHR14	GS	9178 T	DRN	DRUR		2.5	2.5	Charlotte Point	Y	CARV	166
CHR16	CY	1897 T	DRN	DRUR		5.5	5.5	Charlotte Point	Y	CARV	166
CHR17	CY	832 T	DRN	DRUR		5.4	5.4	Charlotte Point	Y	CARV	165
CHR17	GS	12924 T	DRN	DRUR		5.4	5.4	Charlotte Point	Y	CARV	165
CHR17B	GS	3934 T	DRN	DRUR		6.6	6.6	Charlotte Point	Y	CARV	165
CHR17B	CY	4285 T	DRN	DRUR		6.6	6.6	Charlotte Point	Y	CARV	165

2. IFS's "Block Summary" report

Cutblock 21013

*** FOR APPRAISAL PURPOSES ***		Block Summary	
Average Line Method	Grades: MOP Computerized	F21: B	
WFF INC	Computerized Decay	F21: Kingoome	
Licence Number: CP: 8	Computerized Waste	Region: 2 - West C	
Project: 8 FINAL	Computerized Breakage	District: 05 - Camp	
Net Area: Block : (M) = 013:21013, Plots in Block: 12, TU: [Round: 7.4]			
Utilization Limits			
Min DBH cm (M)	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0
Log Len m	10.0	10.0	10.0
Volume and Size Data			
Gross Merchantable	m3 5998	5998	146
Net Merchantable	m3 3634	3634	133
Net Merch - All	m3/ha 1167	1167	18
Distribution	4 100	100	2

Cutblock 21013

*** FOR APPRAISAL PURPOSES ***		Block Summary	
Average Line Method	Grades: MOP Computerized	F21: B	
WFF INC	Computerized Decay	F21: Kingoome	
Licence Number: CP: 8	Computerized Waste	Region: 2 - West C	
Project: 8 FINAL	Computerized Breakage	District: 05 - Camp	
Net Area: Block : (M) = 013:21013, Plots in Block: 12, TU: [Cable: 3.1]			
Utilization Limits			
Min DBH cm (M)	17.5	17.5	17.5
Stump Ht cm (M)	30.0	30.0	30.0
Top Dia cm (M)	15.0	15.0	15.0
Log Len m	10.0	10.0	10.0
Volume and Size Data			
Gross Merchantable	m3 4188	4188	61
Net Merchantable	m3 3417	3417	56
Net Merch - All	m3/ha 1167	1167	18
Distribution	4 100	100	2

ECAS 41 – Cutting Authority Detail screen

Cutblock #	Harvest Method	Volume (m ³)	Point of Origin Area		Appraisal Log Dump	Other Log Dump	Crew Transportation		Access/ Mgmt. Isolated (Y/N)	Road Major Centre	Distance (km)
			Tran 1	2			Truck Haul Dist. (km)	Distance (km) Marshall Point			
10793	CY	6802	KEAD	JSKB		46.2	85	Menzies Bay Camp A	Y	CARV	61
10793	GS	1629	KEAD	JSKB		46.2	85	Menzies Bay Camp A	Y	CARV	61
21013	GS	8634	KEAD	JSKB		23.4	63.8	Menzies Bay Camp A	Y	CARV	58
21013	CY	3617	KEAD	JSKB		23.4	63.8	Menzies Bay Camp A	Y	CARV	58
K01006	CY	3133	KEAD	JSKB		49.8	89.3	Menzies Bay Camp A	Y	CARV	52
K01008	GS	602	KEAD	JSKB		47.1	86.5	Menzies Bay Camp A	Y	CARV	54
K01008	CY	14053	KEAD	JSKB		47.1	86.5	Menzies Bay Camp A	Y	CARV	54
L09251	CY	20795	KEAD	JSKB		58.3	97.1	Menzies Bay Camp A	Y	CARV	68

Harvest Method

Is the method of planned timber extraction from the cutblock.

The cruise compilation program has more harvest code capacity than ECAS has currently (these missing harvest codes have been requested as a future enhancement for ECAS).

The following are the cruise compilation codes associated with the ECAS codes that need to be recorded in ECAS.

<u>CRUISE COMPILATION</u>	<u>ECAS</u>
CC - Cable Clear Cut	CY - Cable Yarding
CS - Cable Selective Cut	CY - Cable Yarding
SC - Ground Systems Clear Cut	GS - Ground Systems
SS - Ground Systems Selective Cut	GS - Ground Systems
HL - Helicopter Clearcut Land Drop	HL - Helicopter Land Drop
SL - Helicopter Selection Land Drop	HL - Helicopter Land Drop
HW - Helicopter Water Drop	HW - Helicopter Water Drop
SW - Helicopter Selection Water Drop	HW - Helicopter Water Drop
LC - Skyline Clear Cut	SL - Skyline
LS - Skyline Selective Cut	SL - Skyline
FW - Helicopter Single Standing Stem Selection	HS - HSSSS

- NOTES
- the code 'HS' in the cruise compilation is not acceptable on the Coast as there are five helicopter cruise compilation codes which are specific to the different helicopter harvest methods.
 - use SL & LS code only when skyline is beyond 600 m, if less than 600 m enter as cable.

Point of Origin Area

All cutblocks must be located within the external boundaries of a Point of Origin Area. The maps for the Point of Origin Area are located at

1. Timber Pricing Branch

<https://www2.gov.bc.ca/gov/content/industry/forestry/competitive-forest-industry/timber-pricing/coast-timber-pricing/points-of-origin>

2. Coast Area appraisal website

<https://www2.gov.bc.ca/gov/content/industry/forestry/competitive-forest-industry/timber-pricing/coast-timber-pricing/coast-appraisal-data-submissions>

Appraisal Log Dump & Other Log Dump

The appraisal log dump (ALD) current primary purpose is as the terminus for measurement of the appraisal data element Haul Distance. The ALD does not direct the operational decisions on the actual direction of timber flow.

The two types of appraisal log dumps are the:

1. **Appraisal Log Dump** (Listed) found in Appendix V of *CAM*, by district, should be available in the ECAS drop-down box and maps located on the Coast Area appraisal website.
2. **Other Log Dump** (Other) is an ALD that is not listed in Appendix V of *CAM* and or has yet to be made available in the ECAS drop down menu.

- NOTE
- all appraisal log dumps in an appraisal data submission do not have to be the same. This is contrary to Point of Origin Area, where all cutblocks must be in the same Point of Origin Area.
 - Helicopter or A-frame harvesting (directly placed into the water) that will not have the timber subsequently placed into a truck and hauled to water appraisal log dump is
 - ⇒ at a Listed appraisal log, or
 - ⇒ Other appraisal log dump.

Truck Haul Dist. (km)

Distance in kilometres that timber is hauled on a logging truck from the cutblock to the closest appraisal log dump.

Crew Transportation

Is the distance the timber harvesting crew travels to the cutblock.

1. **Marshalling Point** for:
 - a. accessible cutblocks is a;
 - i. licensees' contractually binding designated marshalling point, or
 - ii. in the absence of a contractually binding marshalling point, the nearest of;
 - ⇒ contractually binding designated marshalling area of another licensee,
 - ⇒ the camp,
 - ⇒ the crew vehicle storage area, or
 - ⇒ centre of the nearest community.
 - b. isolated cutblocks is a;
 - i. licensees' contractually binding designated marshalling point, or
 - ii. in the absence of a contractually binding marshalling point, the nearest of;
 - ⇒ contractually binding designated marshalling area of another licensee,
 - ⇒ the camp, or
 - ⇒ the vehicle storage area.

2. **Distance** is measured from the crew marshalling point to the geographic center of the cutblock.

- NOTE
- helicopter harvesting areas do not have crew transportation distance recorded. The reason for this is that the helicopter cost in the MPS equation takes crew transportation distance into account.
 - Even if a distance is entered into ECAS this number will not be used to auto-calculate the crew distance in the TTT/LOG/ADMIN (ECAS33) screen.

Access/Isolated

A cutblock is:

1. **Accessible** if it is connected by a road suitable for crew buses/trucks to the centre of the nearest community.
2. **Isolated** if it is not connected by road to a community.

Road Mgmt. (Y/N)

Each cubic metre of timber must be assessed as to whether it can be transported by log hauling truck over at least a one-meter section of road (developed for timber extraction) that is within the Crown Forest. It is;

1. YES - if all the timber meets this criteria, or
2. NO - if at least one cubic metre does not meet this criterion.

- NOTES
- road that is under the authority of the Ministry of Transportation, a regional district or a municipality does not qualify for road management.
 - A typical example of when this occurs is helicopter water drop.

Major Centre

The major centres are listed in the CAM (available in a drop-down menu in ECAS) and must be the closest major centre to the geographic centre of each cutblock is recorded.

- NOTE
- there are major centre locations that are outside of the Coast Forest Region geographic area. Example of this is in Chilliwack natural resource district where Merritt can be the closest major centre.

Distance

Is the straight-line distance from the geographical center of the cutting authority to the major center location selected. The shortest distance must be selected.

-

ECAS33 – Tree to Truck Cost Estimates/Log Transportation /Administration

Figure 9-21 – TTT/Log/Admin screen

ECAS33 - Tree to Truck Cost Estimates/Log Transportation/Administration

To retrieve an existing appraisal enter Timber Mark and Effective Date, or ECAS ID [Stumpage Rate Summary](#)

Licence: Cutting Permit: Timber Mark(s): (+) AND Effective Date: OR ECAS ID:

Tree To Truck Cost Estimates

<p>Conventional Logging</p> <p>Average Side Slope: <input type="text" value="56"/>% *</p> <p>Cable Yarding: <input type="text" value="3906"/>m³</p> <p>Ground Systems: <input type="text" value="796"/>m³</p> <p>Skyline >600m: <input type="text" value=""/>m³</p> <p>NHSVPH: <input type="text" value="723.41"/>m³/ha</p>	<p>Helicopter Logging</p> <p>Land Drop: <input type="text" value="0"/>m³</p> <p>Water Drop: <input type="text" value="0"/>m³</p> <p>Total Helicopter: <input type="text" value="0"/>m³</p> <p>Heli Single Standing Stem Selection: <input type="text" value="0"/>m³</p> <p>Heli Selection (excludes HSSSS): <input type="text" value="0"/>m³</p>
---	--

CP Vol / Log: m³/log *

Log Transportation

Truck Hauling

Average Haul Distance: km (nearest 0.1 km) *

Point of Appraisal:

Approved Road Use Charge: \$/m³

Water Transportation

Point of Origin: *

2nd Point of Origin:

Administration

Routine Road Management Required? Yes No *

The licensee incurs the Basic Silviculture Cost? Yes No *

Crew Transportation

Weighted Crew Transportation Distance: km (nearest 0.1 km)

Is the Cutting Permit Accessible? Yes No *

Tree to Truck Cost Estimates

Conventional Logging

Average Side Slope

Is obtained from the cruise compilation Appraisal Summary Report for conventional (cable yarding & ground systems) harvesting only.

- NOTE
- ensure that the slope is from the reduced compilation if there is partial harvest in the cutting authority. Only the slope for conventional harvest is entered.
 - Helicopter harvesting operations do not contribute to the cutting authority average side slope.
 - If the cutting authority is 100% helicopter harvest, then "zero" must be entered.

Cable Yarding

Is the volume of timber in the cutting authority which will be harvested using an overhead cable system including highlead (spar), mobile (grapple or dropline) and skyline less than 600 metres in a straight-line horizontal yarding distance. This volume is verified in the cruise compilation Appraisal Summary Report harvest information.

- NOTE
- ECAS will auto-populate from the ECAS41 - Cutting Authority Detail screen.
Caution this value can be overwritten in the ECAS33 – TTT/Log/Admin screen.

Ground Systems

Is the volume of timber in the cutting authority which will be harvested using a skidder (grapple or line) or hoe chucking (excavator). This volume is verified in the cruise compilation Appraisal Summary Report harvest information.

- NOTE
- ECAS will auto-populate from the ECAS41 - Cutting Authority Detail screen.
Caution this value can be overwritten in the ECAS33 – TTT/Log/Admin screen.

Skyline >600m

Is the volume of timber in the cutting authority which will be harvested using a skyline greater than or equal to 600 metres in a straight line horizontal yarding distance. This volume is verified in the cruise compilation Appraisal Summary Report harvest information.

- NOTES
- ECAS will auto-populate from the ECAS41 - Cutting Authority Detail screen.
Caution this value can be overwritten in the ECAS33 – TTT/Log/Admin screen.
 - for the MPS equation calculation the “Skyline >600m” volume will be added to the ‘Total Helicopter’ volume by ECAS when loading into GAS.

Helicopter Logging

Land Drop

Is the volume of timber in the cutting authority which will be harvested using a helicopter and dropped onto land. This volume is obtained from the cruise compilation Appraisal Summary Report harvest information.

- NOTE
- the volume of helicopter selection must also be recorded in Helicopter Land Drop.

Water Drop

Is the volume of timber in the cutting authority which will be harvested using a helicopter and dropped into water. This volume is obtained from the cruise compilation Appraisal Summary Report harvest information.

- NOTE
- the volume of helicopter selection must also be recorded in Helicopter Water Drop.

Total Helicopter

Is the total volume of timber helicopter water and land dropped in the cutting authority. This volume is auto calculated by ECAS.

Heli Single Standing Stem Selection (HSSSS)

Is an old EWB variable which is no longer appropriate to be entered into ECAS.

- NOTE
- No longer an EWB Variable.
 - Ensure that this appraisal data element is '0'!

Heli Selection (excludes HSSSS)

Is the volume of timber that is being selectively harvested by helicopter and is obtained from the Appraisal Summary Report in the cruise compilation.

- NOTE
- Ensure that the volume recorded in the helicopter selection, is also recorded in the appropriate Helicopter Water Drop or Helicopter Land Drop data element.

EWB Variable

NHSVPH

Is the non-helicopter selection volume per hectare (NHSVPH) obtained from the Appraisal Summary Report in the cruise compilation.

- NOTE
- Helicopter selection is not included in NHSVPH.

CP Vol/Log

Is volume of a 10-metre log and is obtained from the Appraisal Summary Report in the cruise compilation.

- NOTE
- This variable is part of a calculation of the old growth variable in the EWB equation.

Log Transportation

Average Haul Distance

Is the average distance logging trucks must travel from the cutting authority to the dump. This value is automatically populated by ECAS but can be overwritten.

- NOTES
- this value is auto-populated from the ECAS41 - Cutting Authority Detail screen.
 - caution needs to be exercised if overwriting as update must be done in ECAS41 – Cutting Authority Detail screen for the cutblock whose haul distance is changing.

Approved Road Use Charge

Is the dollar per cubic metre (\$/m³) amount for use of roads on First Nation Reserves or on private land owned by an arm's length third party and not subject to a lease held by the licensee, their affiliate, or an agent or either, that may be considered in an appraisal provided there is no lower cost route capable of development or is developed already.

A "Request for Road Use Charge" form must be submitted prior to cutting permit application. The approved "Request for Road Use Charge" form with Regional Executive Director or designate approval must be affixed in the ECAS43 – Attachment screen.

- NOTES
- Road user charges on road permit and Forest Service roads by another licensee are NOT acceptable road use charges.
 - Road use charges are not applicable to BCTS cutting authorities.
 - Details are provided in Module 10.

Point of Appraisal

There is currently only GAMB – Gambier as a point of appraisal. Automatically loaded from ECAS41 – Cutting Authority Detail screen and cannot be overridden.

Point of Origin

This is now the Point of Origin (PoO) Area and it is automatically loaded from the ECAS41 – Cutting Authority Detail screen. It can be overwritten.

Administration

Routine Road Management Required

Road work that the licensee is obligated to carry out. This cost is applied on a cubic metre by cubic metre basis, in the ECAS41 – Cutting Authority Detail screen.

- NOTES
- this must be YES in the ECAS33 – TTT/Log/Admin screen even if there is pro-rated road management for the cutting authority area.
 - GAS will automatically prorate when the cutting authority is not 100% YES in the ECAS41 – Cutting Authority Detail screen, example, some cutting authority area is helicopter water drop.

The licensee incurs the Basic Silviculture Cost?

The licensee is required by a statute (an Act or Regulation) or under their tenure document to do the silviculture work. For most cutting authorities the answer will be YES

- NOTE
- if the cutting authority is issued under Section 20 of the *Forest Act* then this is **NO**.

Crew Transportation Distance

The Crew Transportation Distance is automatically loaded from the ECAS41 – Cutting Authority Detail screen. It cannot be overwritten.

Is the Cutting Permit Accessible?

This is auto-populated from the ECAS41- Cutting Authority Detail screen, it can be overridden in this screen.

- NOTE
- GAS will prorate when there is a combination of accessible and isolated cutblocks.

DRAFT

ECAS34 – Specified Operations

Specified operations are for:

- ❖ operations/works that are unique to some cutting authorities' area but are not commonly occurring on all cutting authorities on the coast.
These unique operations/works have been identified during the MPS equation analysis of having a statistical impact on bidder behavior.
- ❖ locations where it is required that a higher level of forest management requirement.

It is critical to pay careful attention to the effective date of the cutting authority as some specified operations may have defined terms (dates of expiry) or qualification, equations or cost may change with a new CAM. Also, an update to ECAS34 - Specified Operations screen on December 15, 2021 changed this screen from long standing format (Figure 9-22a) to a new format (Figure 9-22b).

Figure 9-22a – Specified Operations screen pre-December 15, 2021

Figure 9-22b – Specified Operations screen Effective December 15, 2021

The effective date of the cutting authority in the ECAS30 – Reference Information screen will dictate which screen ECAS34 – Specified Operation screen will be available to populate.

In ECAS specified operations are either manually entered in the ECAS34 – Specified Operations screen or automatically calculated by GAS. See Training Module 3 regarding details on qualification and submission.

Manual Entry in ECAS

Which require additional information such as calculations, supporting documentation, rationales, and maps are to be attached in the ECAS43 – Attachments screen.

Clayoquot Sound Operating Costs

Clayoquot Sound Operating Cost specified operation is for cutting authority areas that are located partially or wholly within the Clayoquot Sound area as outlined in the *CAM*. Submitters must provide a prorated calculation in the ADS.

Barging Transportation

Barging Transportation adjustment is applied to that part of the cutting authority where timber is barged. Submitters must provide a calculation in the ADS.

Ecosystem Based Management

Ecosystem Based Management (EBM) specified operation is for cutting authority areas that are located partially or wholly within those areas approved in a Land Use Order for Environmental Based Management.

Submitters must provide a prorated calculation in the ADS.

- NOTE
- this specified operation currently applies to TSA25 (Haida Gwaii) and TSA47 (GBRS).

Inland Water Transportation Based Management

Inland Water Transportation specified operation is for towing of timber on land-locked lakes that require the timber to be extracted from the lake and then transported by truck. The *CAM* specifies which lakes and provides the timber pricing coordinator the authority to authorize non-listed lakes for this specified operation.

- NOTE
- lakes that are tidal do not qualify for inland water transportation.

Tree Crown Modification

Tree Crown Modification specified operation is for professionally prescribed treatments to the tree crown to reduce the hazard of windthrow along a falling edge.

- NOTE
- the Tree Crown Modification specified operations form appropriate to the cutting authority effective date must be completed and attached in the ECAS43 - Attachment screen.
 - the forms are located on the Timber Pricing Branch website <http://www2.gov.bc.ca/gov/content/industry/forestry/competitive-forest-industry/timber-pricing/coast-timber-pricing>
 - tree crown modification rationales and prescriptions must specify that only live stems will be treated and the DBH classes to be treated need to be specified.
 - to ensure that the # of trees to be modified is rationalized

Auto Calculated by ECAS/GAS

The following specified operations are auto calculated by ECAS/GAS.

High Development Cost

High Development Cost is a specified operation that is applicable only to BCTS cutting authorities where higher than normal development costs are associated with the cutting authority. The development costs are for roads and drainage structures that the successful applicant will have to construct.

The specified operation equation essentially backs out the average development costs when the minimum threshold is exceeded. The “higher” portion of the development cost is the specified operation cost per cubic metre used in the Final Estimated Winning Bid equation, and causes a reduction in the indicated upset stumpage rate in GAS.

GAS automatically performs this calculation, so nothing is to be entered ECAS34 - Specified Operation screen.

Long Haul Cost

Long Haul specified operation is for log truck haul that is greater than 100 km. Only the distance beyond 100 km is used in calculation of this specified operation. This specified operation is automatically calculated by GAS based upon the weighted average haul distance.

- NOTE
- GAS draws the truck haul distance from the ECAS33 - TTT/Log/Admin screen. Care needs to be taken not to override that data point.

ECAS47 – Appraised Roads

Figure 9-23 – Appraised Roads screen

ECAS47 - Appraised Roads

To retrieve an existing appraisal enter Timber Mark and Effective Date, or ECAS ID

Licence: Cutting Permit: Timber Mark(s): (+) AND Effect

Road Name

Save Cancel

L1292	Update	Delete
L1292A	Update	Delete
L2100	Update	Delete
L2110	Update	Delete
L2221	Update	Delete
L2300	Update	Delete
L2310	Update	Delete

The Appraised Road screen is where road names are **added, viewed or edited** by the submitting forest professional. If the road name has not been saved in this screen it will not be available in the road drop-down menu (outlined in fuchsia Figure 9-24) in the ECAS37 - Tabular Road, ECAS39 - End Haul, ECAS38 - Road Reconstruction, ECAS40 Non-Tabular Development Cost or ECAS35 - Bridges screens.

Figure 9-24 – Road Name Drop-down Menu

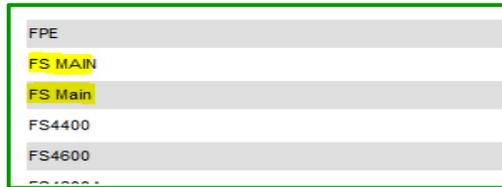
Road Name	Station #		Section Length (km)
	Start	End	
L 1292	*	*	
L 1292A			
L2100	0	534	0.534 OM
L2110	0	126	0.126 OM
L2221	0	335	0.335 OM
L2300	0	459	0.124 OM
L2310	0	46	0.046 OM
L2710	0	178	0.132 OM
M100	0	173	0.173 OM
M140	0	195	0.195 OM
MAT007-1			
SKED1000			
WAS003-1			
WAS008-1			
WAS008-2			
WAS008-3			

This screen can be accessed either through the tab in the Tombstone information at top of the page or by the button at the bottom of the ECAS37 - Tabular Road, ECAS39 - End Haul, ECAS38 - Road Reconstruction or ECAS35 - Bridges screens.

It is critically important to ensure road name(s) exactly match the names entered in the Government corporate data base. In ECAS the road names are both case and blank sensitive.

Example of Poor road naming where the same road now has 2 different names (highlighted in yellow Figure 9-22) in the ECAS Id.

Figure 9-25 – Road Name Drop-down Menu



- NOTES
- The road names must match the appraisal map and must also match the road name in a road permit.
 - Remember not to add Branch, BR, Spur or other descriptors unless they are part of the name in the above.
 - It is assumed this name will also match what has been entered into the road permit application.

Development Cost Screens - Common Appraisal Data Elements

The common appraisal data elements listed in this section have the same meaning (if applicable) in the following development cost screens:

- ECAS37 – Tabular Roads
- ECAS35 – Bridges
- ECAS36 – Culverts
- ECAS40 – Non-Tabular Development Cost

Road Name

Must match the name(s) recorded in FTA and the road permit document. It is important that the name(s) used in ECAS match exactly (as well as on the appraisal map). Ensure that “local” or colloquial names are not used!

See page 9-29 for details on how to enter road names in an ECAS Id using ECAS47 – Appraised Road screen.

Station #s

Are obtained from field measurements and are to the nearest metre. Station numbers are recorded using modified engineering notation so station **2+516** is to be recorded as **2516**.

There should be no duplicated coverage of a metre of road by other bank height categories. Other development costs may cover the same metre of road if specifically authorized in the CAM or NDC.

1. Start
Is the camp end and is at the beginning of the road section.
2. End
Is the woods end and is at the end of the road section.

Section Length (.001 km)

Section length is to the metre and is recorded as kilometres (0.001 km). ECAS auto-populates this appraisal data element by subtracting the start station from the end station. The section length is modified to kilometres which are recorded as 0.001 km.

Appraisal Year

Is the year that the road section or drainage structure is first included in an appraisal or re-appraisal of the cutting authority.

- NOTES
- The appraisal year should match the actual calendar year.
 - This appraisal data element is not as critical as it was during the annual re-appraisal era

Crown%

Is the portion of the road section or drainage structure that accesses Crown timber. If the road section or drainage structure also accesses private timber lands, then a proration is required.

- NOTES
- Typically, this value is 100.
 - Less than 100 indicates that the road section or drainage structure accesses private timber as well as Crown timber.

Figure 9-26 – Crown% Map



Example

Private Land Timber Accessed by W38	12,800 m ³
Crown Land Timber Accessed by W38	<u>20,200 m³</u>
Total Timber Accessed by W38	33,000 m ³
CROWN% = 20,200/33,000 = 61%	

Amortized %

Is the percentage of the road section or drainage structure development cost that will remain with this cutting authority. Details regarding Development Cost Distribution Agreements and Amortized% column is available on the Coast Area website.

As Built

Indicates that the road section or drainage structure has been constructed. When this is checked off, the appraisal data elements entered for the road section or drainage structure are based upon measurements taken from the constructed road section.

- NOTES
- If road section or drainage structure construction has occurred, As Built information is expected to be used in the appraisal data submission as the most accurate information available.

Development Cost Screens - Button & Links

There are links to other ECAS screens at the bottom of the following development cost screens:

- ECAS37 – Tabular Roads
- ECAS35 – Bridges

Figure 9-27 – Road Development Check & Maintain Appraised Roads

UASP3	0	278	0.278	T
Total for 2020:			9.031	
Grand Total:			9.031	

[Maintain Appraised Roads](#)

(Exclude NDC Projects and any Bridges)

[Road Development Check](#)

[Feedback](#) • [Disclaimer](#) • [Privacy](#) • [Copyright](#)

Maintain Appraised Roads

This link (outlined in blue Figure 9-27) moves the user to the ECAS47 – Appraised Road screen. Details regarding ECAS47 – Appraised Road screen section are on page 9-29.

Road Development Check

This link (outlined in red Figure 9-27) moves the user to the ECAS46 – Road Development Check screen. See details regarding in section on ECAS46 – Road Development Check screen.

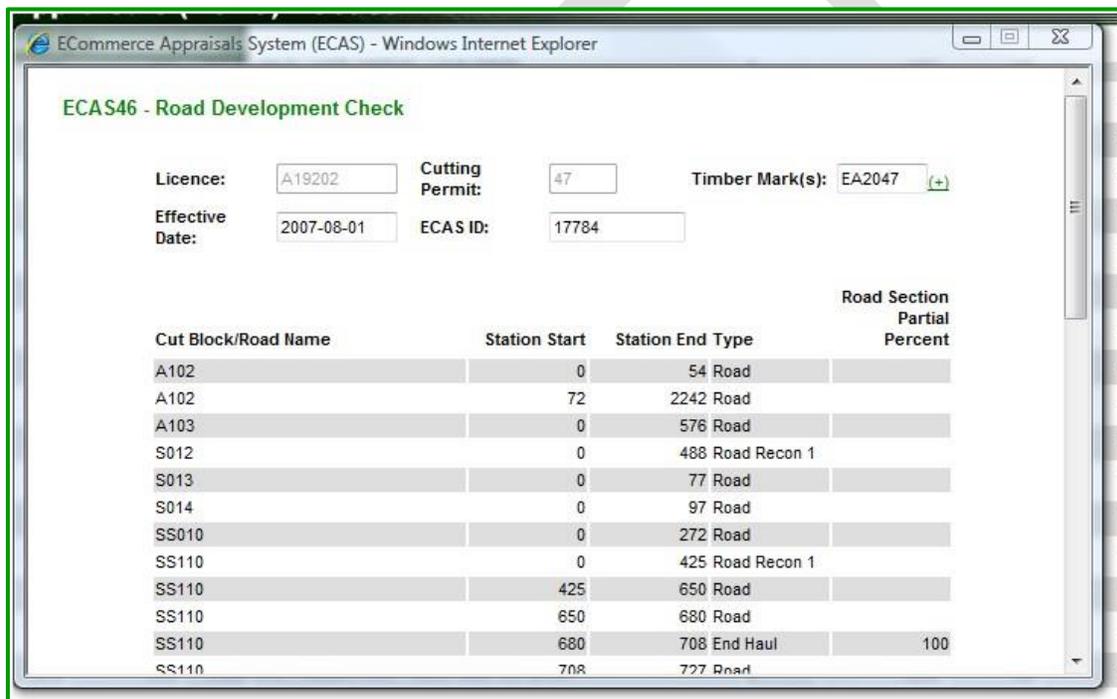
ECAS46 – Road Development Check

The ECAS46 - Road Development Check screen provides the ability to review what has been entered into several development cost screens for overlapping and missed road sections in the:

- ECAS37 – Tabular Roads.
- ECAS39 – End Haul.
- ECAS38 – Road Reconstruction.
- ECAS35 – Bridges.

Access to the Road Development Check screen is located at the bottom left (outlined in red Figure 9-27) of each of the four screens listed above. It does not include the ECAS40 screen.

Figure 9-28 – Road Development Check



Do not separate road sections that have the same (example is L2100 which is outlined in blue in Figure 9-29) bank height category!

Figure 9-29 – Road Development Check

Road Name	Station #		Section Length (km)	Bank
	Start	End		
L1292	0	534	0.534	OMRB - Other Material - Rock Ballast
L1292A	0	126	0.126	OMRB - Other Material - Rock Ballast
L2100	0	335	0.335	OMRB - Other Material - Rock Ballast
L2100	335	459	0.124	OMRB - Other Material - Rock Ballast

ECAS37 – Tabular Roads

Figure 9-30 – Tabular Roads screen

ECAS37 - Tabular Roads

To retrieve an existing appraisal enter Timber Mark and Effective Date, or ECAS ID [Stumpage Rate Summary](#)

Licence: Cutting Permit: Timber Mark(s): (+) AND Effective Date: OR ECAS ID:

Identity			Subgrade						
Road Name	Station #		Section Length (km)	Bank Height Category	RMC	Appraisal Year	Crown %	Amortized %	As Built?
	Start	End							
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>				
L1292	0	534	0.534	OMRB - Other Material - Rock Ballast	S	2017	100	100	<input checked="" type="checkbox"/>
L1292A	0	126	0.126	OMRB - Other Material - Rock Ballast	S	2017	100	100	<input checked="" type="checkbox"/>
L2100	0	335	0.335	OMRB - Other Material - Rock Ballast	S	2017	100	100	<input checked="" type="checkbox"/>
L2100	335	459	0.124	OMRB - Other Material - Rock Ballast	S	2017	100	100	<input type="checkbox"/>
L2110	0	46	0.046	OMRB - Other Material - Rock Ballast	S	2017	100	100	<input checked="" type="checkbox"/>
L2110	46	178	0.132	OMRB - Other Material - Rock Ballast	S	2017	100	100	<input type="checkbox"/>
L2221	0	173	0.173	OMRB - Other Material - Rock Ballast	S	2017	100	100	<input checked="" type="checkbox"/>

Bank height Category

Bank height categories for new road section construction are in the CAM and in Module 5.

RMC

Rock Mass Category (RMC) is the hardness of the rock. Details regarding RMC are in the CAM and in Coastal Training Module 5.

BH Endhaul

This new column allows NDC projects, Type 6 Endhaul, to record road sections that are using the bank height plus machine hours method of costing for the NDC project. Only the machine hours portion of the project need to be entered on the NDC form and total costs, aside from the bank height costs, in the ECAS40 NDC summary screen.

ECAS39 – End Haul (no longer to be used)

ECAS38 – Road Reconstruction (no longer to be used)

ECAS43 – Attachments

All information required to support the appraisal data submission must be provided. The preferred method to provide supporting information is as an attachment in the ECAS70 – Attachment screen. Supporting documentation as a separate email may be acceptable in very rare circumstances.

There are two required attachments that the submitting forest professional must provide, the Cruise Compilation (including the cruise compilation ASCII data files and CSV files) and Appraisal Map, which are indicated on this screen by an asterisk (*).

The maximum size for any attached file is 10 MB. Both a zip file and individual files can be attached. If a zip file exceeds the size limit it will need to be broken into smaller parts.

There are two ways the electronic files can be attached.

1. The **zip** is at **top** of the screen (Figure 9-33a) is used for a single zip file with multiple attachments within. Where this option is chosen, the attachments contained in the zip file must be checked from the list below where zip file is attached.

Figure 9-33a – Top of Screen Attachments

ECAS43 - Attachments

To retrieve an existing appraisal enter Timber Mark and Effective Date, or ECAS ID

Licence: Cutting Permit: Timber Mark(s): (+) AND Effective Date: OR ECAS ID:

If submitting attachments as a single zip file, submit below.
Please check off below what attachments are contained in the zip file.

Attach File: Browse...

Appraisal Map* Approved Request for a Road Use Charge

Specified Operations

Inland Water Transportation Tree Crown Modification Miscellaneous
 Barging Transportation Clayquot Sound Ecosystem Based Management

Culverts

Culvert Worksheet

Fibre Recovery Zone

FRZ Worksheet

Cruise

Cruise Compilation * Cruise Analysis Form *
 Tenure Information (District Staff only) BC Timber Sales (FS 574) (BCTS Staff only)
 Development Cost Distribution Agreement

Non-Tabular Development Cost

<input checked="" type="checkbox"/> NDC Form #1	<input checked="" type="checkbox"/> NDC Form #2	<input checked="" type="checkbox"/> NDC Form #3	<input checked="" type="checkbox"/> NDC Form #4
<input checked="" type="checkbox"/> NDC Form #5	<input checked="" type="checkbox"/> NDC Form #6	<input checked="" type="checkbox"/> NDC Form #7	<input checked="" type="checkbox"/> NDC Form #8
<input type="checkbox"/> NDC Form #9	<input type="checkbox"/> NDC Form #10	<input type="checkbox"/> NDC Form #11	<input type="checkbox"/> NDC Form #12
<input type="checkbox"/> NDC Form #13	<input type="checkbox"/> NDC Form #14	<input type="checkbox"/> NDC Form #15	<input type="checkbox"/> NDC Form #16
<input type="checkbox"/> NDC Form #17	<input type="checkbox"/> NDC Form #18	<input type="checkbox"/> NDC Form #19	<input type="checkbox"/> NDC Form #20

Miscellaneous

- The **specific attachment** in the **middle** of the screen (Figure 9-33b) is used when attaching individual files according to attachment type.

Figure 9-33b – Middle of Screen Attachments

If attaching individually, submit below.
 * indicates the minimum attachments for the appraisal, if any of the other attachments apply in this appraisal the attachment is required.

	Electronic (Attached)	Paper Copy to Follow	NA	Attachment	
Appraisal Map *	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Appraisal Map	View
Approved Request for a Road Use Charge	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		Browse...
Specified Operations					
Specified Operations - Barging Transportation	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		Browse...
Specified Operations - Inland Water Transportation	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		Browse...
Specified Operations - Tree Crown Modification	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		Browse...
Specified Operations - Clayoquot Sound	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		Browse...
Specified Operations - Ecosystem Based Management	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		Browse...
Specified Operations - Miscellaneous	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		Browse...
Culvert Worksheet	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Culvert Worksheet	View
Fibre Recovery Zone	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		Browse...
Cruise					
Cruise - Cruise Compilation *	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Cruise Compilation	View
Cruise - Cruise Analysis Form *	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	CAF	View
Tenure Information					
BC Timber Sales (FS 574)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		Browse...
Development Cost Distribution Agreement	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		Browse...
Non-Tabular Development Cost					
NDC Form#1	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		Browse...
NDC Form#2	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		Browse...
NDC Form#3	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		Browse...
NDC Form#4	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		Browse...
NDC Form#5	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		Browse...
NDC Form#6	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		Browse...

- The **Miscellaneous attachments** or at **bottom** the screen (Figure 9-33c)

Miscellaneous Attachments

- ⇒ Should not be used where a spot exists, such as a cruise compilation.
- ⇒ Comments need to be descriptive enough for another to know what is contained without opening the file.
- ⇒ NDC information for each project should be combined into a zip file and attached.

Figure 9-33c – Miscellaneous Attachments at Bottom of screen

NDC Form#20	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		Browse...
Miscellaneous					
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Cruise Plan Map	Browse...
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	TSFA 174	View
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	CP174 Cruise Plan Map	View

ECAS35 – Bridges

Figure 9-34 – Tabular Bridges screen

ECAS35 - Bridges

- Save successful.

To retrieve an existing appraisal enter Timber Mark and Effective Date, or ECAS ID

Licence: Cutting Perm it: Timber Mark(s): (+) AND Effective Date: OR ECAS ID:

Type	Road Name	Stn #		Bridge Type	Crib Height (m)	Span Length (m)	Crown %	Amortized %	Appraisal Year	As Built?
		Start	End							
<input type="text"/>	<input type="checkbox"/>									
N	13	1509	1519	P	2	10	100	100	2017	<input type="checkbox"/>
N	14	1832	1836	L	1	4	100	100	2017	<input type="checkbox"/>
N	14	1917	1925	P	2	8	100	100	2017	<input type="checkbox"/>
N	14	2960	2964	L	1	4	100	100	2017	<input type="checkbox"/>
N	14	4437	4442	L	1	5	100	100	2017	<input type="checkbox"/>
N	212-B	59	63	P	2	4	100	100	2017	<input type="checkbox"/>
R	26	1031	1035	L	1	4	100	100	2017	<input type="checkbox"/>

Type

Using the drop-down menu, the bridge is either;

N => a **new** bridge that is being constructed in a location where a bridge previously has not existed. This normally occurs with new road construction, or

R => a **replacement** bridge at an old location should be a NDC Project.

Bridge Type

Using the drop-down menu, the bridge is either;

P => a **permanent/portable** bridge that is being constructed, or

L => a **log** bridge that is being constructed.

Crib Height

Is the average crib (abutment) height measurement to the nearest 0.1 metre and rounded to the nearest metre. The crib (abutment) height is measured from the 'original' ground surface interface to the bottom contact point with the bridge girders at the mid-point of the bridge width.

Span Length

Is the length of the bridge measured to the nearest 0.1 metre and rounded to the nearest metre.

ECAS36 – Culverts

Figure 9-35 – Culverts screen

ECAS36 - Culverts

Metal

To retrieve an existing appraisal enter Timber Mark and Effective Date, or ECAS ID

Licence: Cutting Perm it: Timber Mark(s): (+) AND Effective Date:

Circular Type						
Diameter (m)	Total Length For Diameter	Crown %	Amortized %	Appraisal Year		
<input type="checkbox"/> *	<input type="text"/> *	<input type="text"/> 100 *	<input type="text"/> 100 *	<input type="text"/> *	Save	Cancel
0.5	504	100	100	2017	Update	Delete
0.6	171	100	100	2017	Update	Delete
0.8	30	100	100	2017	Update	Delete
1.0	50	100	100	2017	Update	Delete

Wooden

Number	Crown %	Amortized %	Appraisal Year	Unit Cost (\$Unit)		
<input type="text"/> *	<input type="text"/> 100 *	<input type="text"/> 100 *	<input type="text"/> *	1000	Save	Cancel
2	100	100	2017	1000	Update	Delete

The appraisal data elements entered in the ECAS36 - Culverts screen is summary information by diameter class for metal culverts and total number for wooden culverts. This summary information is obtained from a Culvert Worksheet.

The specific location (road name and station number), size and type of individual culverts is indicated on the appraisal map and recorded on the Culvert Worksheet. An EXCEL spreadsheet is available on the Coast Area Pricing website for those who wish to use it. An alternative Culvert Worksheet is permissible with summary information, individual culvert type and culvert location.

ECAS40 – NDC Project

Figure 9-36 – NDC Project screen

New Construction											
Attachment Identifier	NDC Type	Road Name	Station Start	Station End	Project Length	Project Combo	Crown %	Amortized %	Appraisal Year	Comments	Total Cost of Project (\$)
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>				
NDC1	1	Forest Road	1124	1152	0.028	<input type="checkbox"/>	100	100	2019		245456
EH					0.060	<input type="checkbox"/>	100	100	2019		9492
NDC2	6	Forest Road	910	1105	0.025	<input type="checkbox"/>	100	100	2019		98562
Total for 2019:					0.113				2019		353510
Total:											353510

Reconstruction and Replacement											
Attachment Identifier	NDC Type	Road Name	Station Start	Station End	Project Length	Project Combo	Crown %	Amortized %	Appraisal Year	Comments	Total Cost of Project (\$)
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>				
RR					1.117	<input type="checkbox"/>	100	100	2019		5976
NDC7	9	Lake FSR	2452	3254	0.802	<input type="checkbox"/>	100	100	2019		78952
Total for 2019:					1.919				2019		84928
Total:											84928

The non-tabular development cost (NDC) project appraisal data elements in the ECAS40 – NDC Project screen is the appraisal data elements that are uploaded into the General Appraisal System for calculation of the Tenure Obligation Adjustment.

In this screen there are appraisal data elements that are:

- Formerly Automatically loaded** from the ECAS38 – Road Reconstruction screen and ECAS39 – End Haul screen as summary information into the ECAS40 – Detailed Engineering screen. It is no longer acceptable for submitters to use these screens. All non-tabular development projects must be entered as NDC projects.

NOTE

- The ECAS38 – Road Reconstruction screen and ECAS39 – End Haul screen use the old Construction Estimate Methodology (CEM) formulas from the Detailed Engineering Estimate. These screens are no longer to be used by any submitters.

- Manually loaded** into the ECAS 40 – NDC Project screen. NDC project(s) and development cost distribution agreement appraisal data elements are entered by the submitting forest professional (outlined in blue Figure 9-37) into the appropriate section.

Figure 9-37 – Update Button Detailed Engineering screen

Attachment Identifier	NDC Type	Road Name	Station Start	Station End	Project Length	Project Combo	Crown %	Amortized %	Appraisal Year	Comments	Total Cost of Project (\$)
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>				
NDC1	1	Forest Road	1124	1152	0.028	<input type="checkbox"/>	100	100	2019		245456
EH					0.060	<input type="checkbox"/>	100	100	2019		9492
NDC2	6	Forest Road	910	1105	0.025	<input type="checkbox"/>	100	100	2019		98562
Total for 2019:					0.113				2019		353510
Total:											353510

New Construction

This section, of ECAS 40 – NDC Project screen, is for NDC projects that are constructed on undisturbed ground. There are several NDC project types (highlighted in yellow Figure 9-37) that are for reconstruction and must not be used in the New Construction section.

Reconstruction and Replacement

This section, of ECAS 40 – NDC Project screen, is for NDC projects that are reconstruction on existing timber extraction infrastructure. There are several NDC project types (highlighted in yellow figure 9-38a & 38b) that are for new construction and must not be used in the Reconstruction and Replacement section.

Appraisal Data Element Columns

The following columns are common to both New Construction and Reconstruction and Replacement section of the ECAS 40 – NDC Project screen.

Attachment Identifier

Provides identification for NDC project cost's attachment of the associated 'documentation' in the ECAS43 – Attachments screen. Every effort needs to be made to provide the "Attachment Identifier" at the beginning of the name file name. The attachment identifiers are used to find the associated evidence in the ECAS43 – Attachment screen.

NDC# identification of the attached evidence in the ECAS43 -Attachment screen. The number needs to be unique to each project in each cutting authority appraisal data submission. (e.g. NDC3 not NDC 3).

DCDA# identification of the attached Development Distribution agreement (DCDA) in a receiving cutting authority (this only applies to receiving cutting authority(s)). This cost estimate is to be entered the 'New Construction' section of this screen. It is important to identify the correct type of agreement i.e. Extended Road Amortization agreement vs Development Cost Distribution agreement.

The number may be left blank if there is only one DCDA cost in the receiving cutting authority. If there is more than one, then a unique number for each DCDA is required to identify them.

In the comments reference to the initial cutting authority needs to be made (e.g. DCDA from A##### CP555).

AMRT# identification of the attachment Extended Road Amortization agreement in a receiving cutting authority (this only applies to receiving cutting authority(s)). This cost estimate is to be entered the 'New Construction' section of this screen. It is important to identify the correct type of

agreement an Extended Road Amortization agreement vs a Development Cost Distribution agreement.

The number may be left blank if there is only one Amortization Agreement cost in the receiving cutting authority. If there is more than one, then a unique number for each amortization agreement is required to identify them.

In the comments reference to the initial cutting authority needs to be made (e.g. AMRTZ from A##### CP528).

NDC Type

Select from the drop-down menu (Figure 9-38a & 38b) identification for the non-tabular development cost type. The yellow highlighted NDC type in Figure 9-38a & 9-38b are as general rule not applicable to either New Construction or Reconstruction & Replacement.

Figure 9-38a –NDC Type Drop-Down Menu Reconstruction & Replacement

Figure 9-38b –NDC Type Drop-Down Menu New Construction

Road Name

ECAS has a connection to the ECAS47 – Appraised Rds. screen for the drop-down menu.

A reminder that the names in the ECAS47 – Appraised Rds. screen and therefore the names in the ECAS 40 – NDC Project screen must match the name(s) recorded in FTA and the road permit document. It is important that the name(s) used in ECAS match exactly (as well as on the appraisal map). Ensure that “local” or colloquial names are not used!

Station

Are obtained from field measurements and are to the nearest metre. Station numbers are recorded using a modified engineering notation so station **2+516** is to be recorded as **2516**.

There should be no duplicated coverage of a metre of road by other bank height Categories. Other development costs may cover the same metre of road if specifically authorized in the CAM or NDC procedures.

1. Start
Is the camp end and is at the beginning of the road section.
2. End
Is the woods end and is at the end of the road section.

Project Length

The road section lengths are:

1. Manually loaded road length is recorded in kilometres which means to three significant digits (e.g. 0.049).

Project Combo

Is a check box when there is a combination of project types as per the NDC Procedures.

Comments

Description of project and if possible, location (only able to input 25 characters). Some recommendation/guidance has been provided in some of the Cost Estimate Identifiers types.

Total Cost (\$)

A summary of the total cost needs to be manually entered.

ECAS42 – BC Timber Sales

Figure 9-39 – BC Timber Sales screen

ECAS42 - BC Timber Sales

To retrieve an existing appraisal enter Timber Mark and Effective Date, or ECAS ID

Licence: Cutting Permit: Timber Mark(s): (+) AND Effective Date: OR ECAS ID:

Development Levy Applicable: **Override Levy (\$/m³)**

Silviculture Levy Applicable:

Bonus Bid: \$/m³ Rate Adjustment Type: Fixed Adjustable

Upset stumpage rate under the CAM:

a) Section 6.1.1(2):* Yes No

b) Section 6.1.1 (1)(a) * Yes No

c) Section 6.1.1(5):* Yes No

If yes to either a, b, or c enter the dollar per cubic metre amount being requested for this cutting authority: .00 (\$/m³)

Total Volume for the Licence: 55919 m³

Total Road Length: 2.694 km(nearest 0.001 km)

Road Length Constructed by Licensee: km(nearest 0.001 km)

The workflow for BC Timber Sales is unique and involves two steps or a two “pass” approach. Training regarding processes exclusive to BCTS and are available in [Module 8 - BC Timber Sales Process](#).

ECAS31 – Acknowledgements

Figure 9-40a –Acknowledgements screen #1

ECAS31 - Acknowledgements

To retrieve an existing appraisal enter Timber Mark and Effective Date, or ECAS ID [Stumpage Rate Summary](#)

Licence: Cutting Permit: Timber Mark(s): (+) AND Effective Date: OR ECAS ID:

This Appraisal Data Submission is prepared in accordance with the *Coast Appraisal Manual* as of this date with truthful information on the timber to be harvested, site conditions, harvesting, development, silviculture plans and other information.

If the R.P.F./R.F.T. is not a staff member of the Licensee, then the:

Licensee Representative Is:

Name: Middle Initial Last Name

Phone:

Fax:

Email Address:

To notify multiple licensee representatives, enter email addresses separated by semicolons.

Select one of the options below

I certify that the work described herein fulfills standards expected of a member of the Association of British Columbia Forest Professionals, and that I did personally supervise the work.

I certify that I have reviewed this document and, while I did not personally supervise the work described, I have determined that this work has been done to the standards expected of a member of the Association of British Columbia Forest Professionals.

Registered Professional Forester/Registered Forest Technologist:

R.P.F./R.F.T. Name:

R.P.F./R.F.T. #: Registered Forest Technologist:

Phone:

Fax:

Email Address:

Licensee Representative:

These ECAS fields are for licensee representatives other than the submitting forest professional who may receive ECAS status change email notifications.

More than one person's email address can be entered in the 'Email Address' field.

Select one of the options below:

This section represents the signing certification statements from the bylaws of the n of BC Forest Professionals BC (FPBC). The submitting forester must check one of the two options.

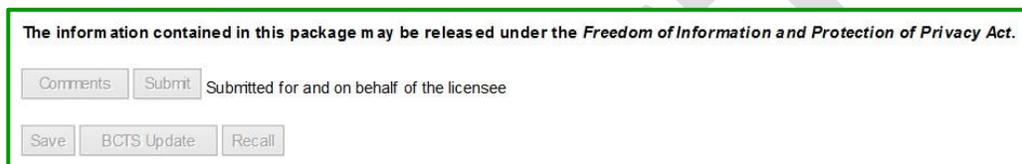
Registered Professional Forester/Registered Forest Technologist

Fields in this section will automatically be populated by ECAS based on the user's ECAS identification.

By submitting the ECAS Id the forest professional is electronically signing and sealing the Appraisal Data Submission and certifying that it contains accurate information on the timber to be harvested, site conditions, harvesting, development, silviculture plans and other information prepared according to the *Coast Appraisal Manual* as of the submission date. This also includes the attached documents and maps.

Status Change Buttons

Figure 9-40b –Acknowledgements screen #2



The information contained in this package may be released under the *Freedom of Information and Protection of Privacy Act*.

Comments Submit Submitted for and on behalf of the licensee

Save BCTS Update Recall

The buttons at the bottom of the screen activate a status change in ECAS;

1. Comments

Is for drafting comments to be visible in the email sent at a status change.

2. Submit

This is only available to forest professionals that the licensee or BC Timber Sales has authorized to submit appraisals in ECAS.

Click on this button the submitting forest professional is electronically signing and sealing the appraisal data submission. This action is taken when a 'Draft' ECAS Id is being sent to a district or when replying to a clarification request by district or region.

3. Save

Is for saving information inputted in the top portion of the screen. The forest professional information in the bottom portion of the screen is automatically populated by ECAS.

4. BCTS Update

Is only available for BC Timber Sales cutting authorities when second pass needs to be completed.

5. Recall

Is for submitting forest professionals to be able to retrieve and ECAS Id when the status is 'Submit'. This function is not available at any other status level.

ECAS32 – Control

Figure 9-41 –Control screen

ECAS32 - Control

To retrieve an existing appraisal enter Timber Mark and Effective Date, or ECAS ID

Licence: Cutting Permit: Timber Mark(s): AND Effective Date

TOA Eligible: Yes No

Forest District

Was the Appraisal Data Field Checked: Yes No Number Of Issues

Was the Appraisal Data Office Checked: Yes No

Was this CP Check Cruised: Yes No

Appraisal Data Submission has been validated against FTA:

Data Submission Reviewed By	Email	Date Submitted	Date Received
Woodcutter, Harry	Harry.Woodcutter@gov.bc.ca	2022-01-21	2022-01-25

Forest Region

Adjust Quarterly: Yes No

TOA Miscellaneous Cost: Number Of Issues

MPS/CVP Differential: \$/m³

Administration Levy: \$ Silviculture Levy: \$

Reviewed by	Email	Date Sent to Region	Date Verified	ECAS Status
		2022-02-22		SWI

Certified extend date:

This screen is divided into two sections. The top half of the screen (outlined in red Figure 9-41) is for the district user and the bottom half is for the regional user (outlined in blue Figure 9-41).

TOA Eligible

Indicates that the cutting authority receives the Tenure Obligation Adjustment (activates TOA in GAS). This is dependent upon the tenure type, but generally it applies to all tenure types except for BC Timber Sales category 1 cutting authorities.

This should be "YES" except for BCTS.

Forest District appraisal staff section

Appraisal Data Field Checked

Indicates whether the appraisal data elements in the ADS were verified by district staff visiting the cutting authority site.

The default for this is “NO”. If field check of appraisal data elements in the ADS has occurred district staff will change this to “YES”.

Appraisal Data Office Checked

Indicates whether the appraisal data elements in the ADS were office reviewed by district staff.

The default for this is “NO”. If office review of appraisal data elements in the ADS has occurred district staff will change this to “YES”.

Was this CP Checked Cruised

Indicates whether the check cruise has been performed on the cutting authority area by district staff.

The default for this is “NO”. If a field check of the cruise has occurred district staff will change this to “YES”.

Appraisal Data Submission has been validated against FTA

Indicates whether the tenure data in this ADS has been checked against the tenure data in FTA for the timber mark.

i.e. some of the information being checked is Geographic Forest District, Tenure Type, TSA.

Data Submission Reviewed By and Email

Name and email address of the district staff member who reviewed this ADS. This field is automatically populated by ECAS based on the ECAS user identification of the person logged into ECAS.

Date Submitted

Date that the ECAS Id status was changed from ‘Draft’ to ‘Submit’ by the submitting forest professional.

i.e. the date the submitting forest professional clicked the Submit button in the ECAS31 - Acknowledgements screen.

Date Received

Date the ECAS Id status was changed to 'Received' by district staff.

Sent to Region

This button will be clicked once the district has determined the ADS is complete and ready to be forwarded to region.

Status Change Buttons

The following buttons activate a status change in ECAS;

1. Clarify

Is for when district staff member requires clarification regarding an issue and/or requires more supporting documentation.

ECAS will provide email notification of status change to those listed in the ECAS31 – Acknowledgement screen as the submitting forest professional and the licensee representatives. ECAS screens are then available to those authorized by the licensee to be able to make any appropriate changes, provide clarifying information or add any required documentation to the ADS (depending on the nature of the district clarification request).

2. Sent to Region

Is for when a district staff member verification/review is complete, and the ADS is being sent to the region for the statutory decision maker to complete the stumpage rate determination.

3. Sent with Issue

Is for when the district staff member has reviewed the submission and is referring a question of policy or other information not included in ADS by the submitting forest professional; to the statutory decision maker (region) prior to making a stumpage rate determination.

4. District Recall

Is for when the district staff member needs to recall the ADS from a licensee status level. This can only be done when the ECAS status level is 'Clarify'.

Certified Extended Date

Date that the statutory decision maker has agreed to extend the requirement of either submitting a change circumstance reappraisal or a certification of no change.

- NOTE
- In the Coast Area No Change Certification or a change circumstance reappraisal is required for all fully appraised non-auctioned timber cutting authorities whose issuance date is between July 1, 2018, to March 31, 2019.

Forest Region (CAP appraisal staff) section

Adjusted Quarterly

- YES** is for cutting authorities whose stumpage rate will be adjusted quarterly.
- NO** is mostly for BC Timber Sales cutting authority, as their stumpage rate is fixed for the term of the license and all extensions.

TOA Miscellaneous Costs

For CAP appraisal staff use ONLY. This appraisal data element facilitates any future potential workaround capability of adding or subtracting a TOA per cubic metre amount which will impact the cutting authority's stumpage rate.

Number of Issues

Interior appraisal data element not used on the Coast.

MPS/CVP Differential

Old appraisal data element from the transition period of timber pricing moving from CVP to MPS. No longer applicable. DO NOT switch from the default of MPS.

Data Submission Reviewed By and Email

Name and email address of the region staff member who verified the ADS to GAS. This field is automatically populated by ECAS based on the ECAS user identification the person logged into ECAS when the most recent verification occurred.

Date Sent to Region

Most recent date that the ECAS Id status was changed to 'Region' to 'Sent to Region with Issues' by district staff. This is automatically populated by ECAS.

Date Verified

Most recent date that the ECAS Id appraisal data elements were loaded into GAS by regional appraisal staff. This is automatically populated by ECAS.

ECAS Status

The status of the ADS in ECAS.

Status Change Buttons

The following buttons activate a status change in ECAS;

1. Clarify

Is for when a regional appraisal staff member requires clarification regarding an issue and/or more supporting documentation from the licensee.

ECAS will provide email notification of the status change to those listed in the ECAS31 - Acknowledgement screen as the submitting forest professional and the licensee representatives. ECAS screens are then available to those authorized by the licensee to be able to make any appropriate changes, provide clarifying information or add any required documentation to the ADS (depending on the nature of the region clarification request).

2. Return to District

Is for regional appraisal staff to return an ECAS Id to the district for clarification regarding something or by district request.

3. Region Recall

Is for the regional appraisal staff member to recall the ADS from a licensee status level. This can only be done when the ECAS status level is 'Clarify'.

4. Verify

Is for the regional appraisal staff member to load the appraisal data elements in the ECAS Id into GAS for stumpage rate calculation and determination.

Save

This button is to save any changes on the screen, so is applicable for both district and region sections. It does not impact status change buttons.

ECAS44 – Grade %

Figure 9-42 – Grade % screen Blank

ECAS44 - Grade %

To retrieve an existing appraisal enter Timber Mark and Effective Date, or ECAS ID [Stumpage Rate Summary](#)

Licence: Cutting Permit: Timber Mark(s): (+) AND Effective Date: OR ECAS ID: Go

Species	Peeler		Lumber					Sawlog				Shingle			Util.		Chip		Total Net Cruise Volume By Species	Grade Source Level	
	B	C	D	E	F	G	H	I	J	K	L	M	U	X	Y						
Alder																100			341	CRUISE	Update
Balsam			0		0		0	0	0							0	0	0	24172	CRUISE	Update
Cedar			0		0		0	0	0	0	0	0	0	0	0	0	0	0	2290	CRUISE	Update
Cypress			0		0		0	0	0							0	0	0	3695	CRUISE	Update
Fir	0	0	0		0		0	0	0							0	0	0	13953	CRUISE	Update
Hemlock			0		0		0	0	0							0	0	0	29149	CRUISE	Update
TOTAL NET VOL:																		73600			

Applicable Volume (m³) Appraisal Year Area Unlogged (ha)

* Save Cancel

2019 106.7 Update Delete

Grade Percent by Species

Population of the species grade percentages (outlined in red Figure 9-42) in the ECAS44 – Grade % screen is done by the submitting forest professional for:

- Fully appraised non-auctioned timber cutting authority that will have:
 - scale based billing from the Loss Factor cruise compilation, and
 - cruise based billing from the Call Grade Net Factoring cruise compilation.
- Fully appraised auctioned timber (BCTS) cutting authority use the loss factor cruise compilation.

Species

Population of the species volumes (outlined in blue Figure 9-42) is automatically loaded from the ECAS30 – Reference Information screen. Any updates to the species volumes must be done on the ECAS30 – Reference Information screen.

Applicable Volume

Is updated by the SFP.

ECAS03 – Audit Log History

The Audit Log History provides a record of all actions taken on an ECAS Id.

History begins either when appraisal data elements are loaded individually into an ECAS Id or when an XML file is uploaded into ECAS. Access to the ECAS03-Audit Log History screen is from either the icon (see 'History' on page 9-7) ECAS05-Inbox Search screen or History button (outlined in blue Figure 9-43) at the top of the ECAS30-Reference Information screen.

Figure 9-43 –Control screen

This screen provides details on what has occurred to the ECAS Id. This section’s purpose is to provide a reference to begin to understand how to utilize Audit History Log of an ECAS Id, it is not comprehensive.

Information regarding;

1. XML appraisal data element transfer by SFP occurred (outline in fuchsia Figure 9-44) at 2020-02-03 17:16:28 from an external source into ECAS.
2. Records status change (outlined in red Figure 9-44). See ECAS/GAS Workflow diagram in Appendix 9-1 for details.

Figure 9-44 – Audit Log History screen

User ID	XML File Name	Event Date	Event	Sent To	Comments
BCEID:		2020-02-03 17:16:28	Add		
BCEID:	CC.XML	2020-02-03 17:16:28	Import		
BCEID:		2020-02-04 10:50:48	Submit		
BCEID:		2020-02-04 10:50:49	Email	IDIRITCELLIOT	Submit Successful
BCEID:		2020-02-04 10:50:49	Email	IDIRSWENMAN	Submit Successful
BCEID:		2020-02-04 10:50:49	Email	BCBD:	Submit Successful
BCEID:		2020-02-04 10:50:49	Email	IDIRIEGEDDERT	Submit Successful
BCEID:		2020-02-04 10:50:49	Email	IDIRLVOYSEY	Submit Successful
IDIRHJCONNON		2020-02-06 11:01:01	Received		
IDIRHJCONNON		2020-02-06 11:01:10	Email	BCBD: MITRES	Receive Successful
IDIRFMATHIEU		2020-02-10 11:15:41	Update		
IDIRHJCONNON		2020-02-12 11:12:08	Update		
IDIRHJCONNON		2020-02-25 13:50:28	Update		
IDIRHJCONNON		2020-02-26 10:27:35	Update		
IDIRJACARROL		2020-02-26 10:38:56	Update		
IDIRJACARROL		2020-02-26 10:40:47	Update		
IDIRJACARROL		2020-02-26 10:40:47	Sent to Region		Conversation and additional evidence regarding helicopter
IDIRJACARROL		2020-02-26 10:40:48	Email	IDIRGLASSFO	Send to Region Successful
IDIRJACARROL		2020-02-26 10:40:48	Email	BCBD:	Send to Region Successful
IDIRJACARROL		2020-02-26 10:40:48	Email	IDIRDKHARTLA	Send to Region Successful

3. Emails sent to:

- a. IDIR assigned to a government employee (outlined in light blue Figure 9-44) which provides level of authority in ECAS (and other government applications) and the employees email address.
- b. BCeID assigned to a non-government individual (outlined in dark blue Figure 9-44) which provides level of authority in ECAS (and other government applications) and the individuals email address.

4. Update (outlined in green Figure 9-44) opens up to provide details in the ECAS04 - Audit Log Details screen (Figure 9-45) that provides details on what was added, removed or changed to the ECAS Id appraisal data element(s) or attachment to the ECAS43 – Attachment screen

Figure 9-45 – Audit Log Details

User ID	Date and Time	Data Location	Identifier	Field	Previous Value	Changed Value
IDIR\PMATHIEU	2020-02-10 11:15:41	ADS_SUPPORT_DOCUMENT	Doc Type: CAF File: .pdf	DOCUMENT_ID		402605
IDIR\PMATHIEU	2020-02-10 11:15:41	ADS_SUPPORT_DOCUMENT	Doc Type: CAF File: .pdf	TRANSMSSION_TYPE_CODE		E
IDIR\PMATHIEU	2020-02-10 11:15:41	ADS_SUPPORT_DOCUMENT	Doc Type: CAF File: .pdf	APPRAISAL_DOCUMENT_TYPE_CODE		CAF
IDIR\PMATHIEU	2020-02-10 11:15:41	ADS_SUPPORT_DOCUMENT	Doc Type: CAF File: .pdf	ZIP_FILE_IND		N
IDIR\PMATHIEU	2020-02-10 11:15:41	ADS_SUPPORT_DOCUMENT	Doc Type: CAF File: .pdf	FILE_NAME		.pdf

5. Comments associated with a status change (outlined in orange Figure 9-44) opens up the ECAS96 – Comments screen (Figure 9-46) if comments were provided at the status change by the individual making the status change.

Figure 9-46 – Audit Log Details

Comment:

Conversation and additional evidence regarding helicopter rationale is in EDRMS.

Resolving common issues with ECAS

ECAS was developed to address concerns about the quality of ADS and bring the ADS process into the electronic world. Overall ECAS has been very successful; however, Submitters and Reviewers still express concerns about the ADS process. Suggested ways to resolve most of the common issues are listed below:

1. Incorrect information submitted, e.g. TSA Block, cruise data, effective date, expiry date, applicable volume, etc.
2. Missing information not submitted, e.g. supporting end haul information, no supporting data for NDCs, etc.
3. Information submitted not to standard required, e.g. Map info, cruise info, cruise standard error, etc.
4. Information submitted has incorrect calculations, e.g. Partial end haul, rounding errors, calculation errors, haul distance, etc.

Resolutions:

- Peer review before of ADS before ECAS submission
- Training of inexperienced submitters
- Checklists

5. CAM Amended (policy change) during appraisal data submission processing

Resolutions:

- Review of CAM amendments to understand impact on appraisal data submissions that are still being processed
- Contact with Coast Area appraisal staff if a ECAS workaround may be required for new policy that is not reflected in pre-existing appraisal data submission.
- Guidance and training accompany any amendment.

Status Codes

ECAS status codes are located in the

1. ECAS05 – Inbox Search screen:

- a. Can be used to search by status code (highlighted in blue Figure 9-47a) for a specific status code (outlined in red Figure 9-47a), and

Figure 9-47a –Control screen #1

- b. Column for 'ECAS Status' (highlighted in yellow Figure 9-47b) provides the status of each ECAS Id. The actual 'ECAS Status' for each ECAS Id is outlined in blue in Figure 9-47b.

Figure 9-47b –Control screen #2

Ecasis Id	Timber Mark	Licence	CP	Client Name	Appraisal Type	Effective Date	ECAS Status	Status Change Date	Submitted Date	District Received Date	Sent to Region Date
126	(+) TFL	8			New	2019-12-19	Region	2019-12-19	2019-12-06	2019-12-19	2019-12-19
126f					New	2019-12-10	Region	2019-12-16	2019-11-18	2019-12-04	2019-12-16
126	/11	TFL47	11		New	2019-12-10	Region	2019-12-16	2019-11-17	2019-11-19	2019-12-16

- 2. ECAS30 - Reference Information screen also has the 'ECAS Status' of the ECAS Id that is being reviewed (highlighted yellow Figure 9-48).

Figure 9-48 –Control screen

- 3. ECAS32 - Control screen in the 'Forest Region' portion of the screen.

ECAS Status Codes

The ECAS status codes indicate where an ECAS Id, which is an appraisal data submission (ADS), is in the workflow (see Appendix 9-1 for diagram of workflow) and who has access to the ECAS Id.

Those status codes highlighted in yellow with red lettering are ‘historic’ status codes and can be identified also by the asterisk (highlighted in blue in Figure 9-49) in the ‘ECAS Status’ located in the ECAS05 – Inbox Search screen.

Figure 9-49 –Status Drop-down Menu in ECAS05 – Inbox Search screen



The ECAS status codes are listed below along with a brief description of what they represent:

ACC (Accepted): status occurred when district appraisal staff completed their verification review and accepted appraisal data elements within the ECAS Id by sending the ECAS Id to Coast Area Pricing (CAP) appraisal staff. In the ACC status code, the CAP appraisal staff can work in the ECAS Id. This status code was replaced by RCD in 2005.

APP (Approved): status occurred when CAP appraisal staff had completed their verification review and approved the appraisal data elements within the ECAS Id into the General Appraisal System (GAS). This status code was replaced by VER in 2005.

BUP (BCTS Update): is only applicable to BC Timber Sales (BCTS) cutting authority's ECAS Id. This status code initiates/facilitates second pass work regarding the TSL sales information (i.e. bonus amount, expiry date, etc.) appraisal data elements entry within the ECAS Id.

The status code occurs when the submitting forest professional (SFP) presses BCTS Update on the ECAS31 - Acknowledgement screen. NOTE that this status code can only be activated when the ECAS Id status code is VER.

CLR (Clarify for Region): Coast Area Pricing (CAP) appraisal staff requested clarification of the SFP regarding an issue in the ECAS Id. The licensee SFP can access the appraisal data elements in the ECAS Id in status of CLR.

CON (Confirmed): stumpage rate has been confirmed in GAS and the stumpage rate is available in GAS for billing. CAP appraisal staff are only able to access the information in GAS after a status of UNC occurs.

CPC (Cancelled Tenure Cutting Permit): this status occurred when a cutting authority was cancelled by the district manager. ECAS code SEC replaces this code.

DCL (District Requested Licensee Clarification): district appraisal staff requests clarification from SFP regarding an issue in the ECAS Id. The SFP can access the appraisal data elements in ECAS in status of DCL.

- DET** (Determined): stumpage rate is determined in GAS, but the stumpage rate has not been confirmed in GAS. The stumpage rate is not available for billing.
- DFT** (Draft): the ECAS Id has not been submitted by the submitting forest professional on behalf of the Licensee in ECAS. No records are kept by ECAS in this status type, of changes to the appraisal data elements.
- EE** (Entered in Error): remove an ECAS Id from in-boxes in the ECAS System. This function did not delete an ECAS Id from the database but hid it from view (i.e. Inbox searches, emails, workflow, etc.). Changing to a status of EE can only be performed by the ECAS Help desk (administrator authority). ECAS code SEC replaces this code.
- FWD** (Forwarded): the ECAS Id was forwarded from district appraisal staff to CAP appraisal staff. This status code was replaced by STR & SWI in 2005.
- GAS** (Transferred to General Appraisal System): the ECAS Id appraisal data elements are loaded/transferred into GAS by CAP appraisal staff. CAP appraisal staff with this status can work in GAS but no longer can work in ECAS.
This status code was replaced by VER in 2005.
- NAP** (Not Approved): the cutting authority that the ECAS Id was submitted for had not been Approved by the Ministry. This status had to be requested from ECAS Help by a licensee representative (preferably the SFP) once they became aware that the cutting permit was not being approved. If the cutting permit number will never be used then this status code is requested. This status code was replaced by SEC.
- NBS** (No Bid Sale): is exclusively for BCTS ECAS Id that no bids have been received when the cutting authority was placed up for auction.
- RCD** (Received): the district appraisal staff must receive the ECAS Id so that the SFP is aware that the district has the appraisal data submission. The date this status code occurs is the start date regarding Post-Harvest risk rating and review. This status also prevents the SFP from being able to pull back the ECAS Id into DFT status.
- RGN** (Region): status occurs when district appraisal staff have completed their verification review and have sent the ECAS Id to CAP appraisal staff. In the RGN status code, the CAP appraisal staff can work in the ECAS Id.
- RTN** (Returned to District): status occurs when CAP appraisal staff have returned the ECAS Id to the district appraisal staff. In status RTN the district appraisal staff can work in the ECAS Id.
- SCN** (Scenario): applies to an ECAS Id that has been created by FOR staff to run 'scenario' for impacts on stumpage rates. The SCN status code means that this ECAS Id can only be viewed and worked on by FOR staff. The ECAS Id cannot be used to load appraisal data elements into GAS for stumpage rate determination or confirmation in GAS.
- SEC** (Second Record of Submission): multiple ECAS Id have been created for the same cutting authority. The most recent (or highest number) ECAS Id must have their status changed to SEC.

The licensee SFP must request ECASHelp change the ECAS Id status to SEC. In the email notification to ECASHelp CAP appraisal staff must be cc so that the mark(s) associated with the ECAS Id can be unconfirmed if required. The first ECAS Id must be retained so that all history of the cutting authority is in the ECAS History.

The ECAS Id with status SEC is retained in ECAS but not used for stumpage rate determination in GAS.

NOTE that there must be a separate ECAS Id in Coastal PHARM for an Initial ADS and a Post-harvest ADS.

SLD (Sold): is only applicable to BC Timber Sales cutting authority ADS. The status code SLD occurs when the SFP presses Submit button in the ECAS31 - Acknowledgement screen when the ECAS Id is in status of BUP. The ECAS Id must be in SLD for the CAP appraisal staff to determine and confirm a stumpage rate in GAS for auctioned timber cutting authority.

STR (Sent to Region): status occurs when district appraisal staff send the ECAS Id to CAP appraisal staff. This status code was replaced by RGN.

SWI (Sent to Region with Issue): status occurs when district appraisal staff cannot resolve an issue with the SFP. The ECAS Id is then sent to the CAP appraisal staff identifying there are outstanding issue(s). CAP appraisal staff in the status can work in the ECAS Id.

SUB (Submitted): status code occurs when the SFP makes the ECAS Id available for district appraisal staff. While in status of SUB the SFP can pull back the ECAS Id and make changes. Any changes made will not be kept in the ECAS history as the status code after being pulled back is DFT.

The district appraisal staff can make no changes to appraisal data elements in a status code of SUB.

UNC (Unconfirmed): a stumpage rate that has been confirmed in GAS is unconfirmed by CAP appraisal staff in GAS by clicking on the 'Unconfirm' button. Status of UNC in ECAS means that CAP appraisal staff can work in the ECAS Id.

VER (Verify): CAP appraisal staff have loaded the appraisal data elements from ECAS Id into GAS. Status code of VER for a:

- a) non-auctioned timber cutting authority means that the ECAS Id is ready for CAP appraisal staff to determine (DET) and confirm (CNF) a stumpage rate in GAS.
- b) auctioned timber cutting authority (BCTS) means that the ECAS Id is ready in:
 - 1) first pass for CAP appraisal staff to determine an indicated upset stumpage rate in GAS so that BCTS can auction the cutting authority.
 - 2) second pass for BCTS SFP, once the cutting authority (TSL) has been awarded, to initiate the second pass (see status code BUP) process of populating into the ECAS Id the sales information (bonus amount, expiry date, etc.). Once SFP has populated sales information they change the status to SLD.;

Actions in ECAS

The following diagrams are actions that are available to an individual who has the level of authority in ECAS for a:

1. submitting forest professional (Figure 9-50a) of non-auctioned timber cutting authorities in the ECAS31 – Acknowledgement screen.

Figure 9-50a – ECAS31 - Acknowledgement screen

The information contained in this package may be released under the *Freedom of Information and Protection of Privacy Act*.

Comments **Submit** Submitted for and on behalf of the licensee

Save BCTS Update **Recall**

2. submitting forest professional (Figure 9-50b) of auctioned timber cutting authorities in the ECAS31 – Acknowledgement screen.

Figure 9-50b – ECAS31 - Acknowledgement screen

The information contained in this package may be released under the *Freedom of Information and Protection of Privacy Act*.

Comments **Submit** Submitted for and on behalf of the licensee

Save **BCTS Update** **Recall**

3. District appraisal staff (Figure 9-51a) section of the ECAS32 – Control screen.

Figure 9-51a – ECAS32 - Control screen #1

Appraisal Data Submission has been validated against FTA:

Data Submission Reviewed By	Email	Date Submitted	Date Received
	@gov.bc.ca	2019-03-22	2019-05-15

Clarify **Send to Region** **Send with Issue** **District Recall**

4. Coast Area Pricing appraisal staff (Figure 9-51b) section of the ECAS32 – Control screen.

Figure 9-51b – ECAS32 - Control screen #2

Reviewed by	Email	Date Sent to Region	Date Verified	ECAS Status
	@GOV.BC.CA	2019-05-15	2019-10-30	SLD

Clarify **Return to District** **Region Recall** **Verify**

Action in ECAS	<u>Brief Explanation of Action</u>	Resulting Status in ECAS
SUBMIT	Submitting Forest Professional (SFP) submits the ECAS Id to district by clicking on the SUBMIT button (outlined in blue Figure 9-50a & 9-50b) in ECAS31 - Acknowledgement screen.	SUB
RECALL	SFP recalls the ECAS Id by clicking recall button (outlined in red Figure 9-50a & 9-50b) in ECAS31 - Acknowledgement screen. This status is only functional as long as the district appraisal staff have not changed the status by clicking on the RECALL button.	DFT
RECEIVED	District appraisal staff click on RECEIVED button in ECAS32 – Control screen.	RCD
DISTRICT CLARIFY	District appraisal staff are sending a clarification request to the SFP by clicking on CLARIFY button (outlined in red Figure 9-51a) in ECAS32 – Control screen.	CLR
	District appraisal staff are recalling the ECAS Id from the SFP (this mostly occurs when there is no response by SFP and ECAS Id must be actioned) by clicking on CLARIFY button (outlined in red Figure 9-51a) in ECAS32 – Control screen.	RCD
SEND to REGION	District appraisal staff are sending the ECAS Id to Coast Area Pricing (CAP) appraisal staff by clicking on the SEND to REGION button (outlined in fuchsia Figure 9-51a) in ECAS32 – Control screen.	RGN
SENT TO REGION WITH ISSUE	District appraisal staff are sending the ECAS Id to CAP appraisal staff by clicking on the SEND to REION WITH ISSUES button (outlined in blue Figure 9-51a) in ECAS32 – Control screen. This action occurs when the district appraisal staff have attempted to resolve and issue within the ECAS Id with the SFP but have not been able to.	SWI
RETURN TO DISTRICT	CAP appraisal staff are sending the ECAS Id back to district appraisal staff by clicking on the RETURN to DISTRICT button (outlined in blue Figure 9-51b) in ECAS32 – Control screen.	RTN
REGION CLARIFY	CAP appraisal staff are sending the ECAS Id back to SFP staff by clicking on the CLARIFY button (outlined in fuchsia Figure 9-51b) in ECAS32 – Control screen.	CLR
VERIFY	CAP appraisal staff are sending the ECAS Id to the General Appraisal System (GAS) staff by clicking on VERIFY button (outlined in fuchsia Figure 9-51b) in ECAS32 – Control screen.	VER

Actions in GAS

<u>Action in ECAS</u>	<u>Brief Explanation of Action</u>	<u>Resulting Status in GAS</u>
BCTS UPDATE	BC Timber Sale staff recall from GAS the ECAS Id so as to populate sales information into ECAS (called “second pass”) by clicking on BCTS UPDATE button (outlined in fuchsia Figure 9-50b) in ECAS31 – Acknowledgement screen. NOTE that this action can only occur if the ECAS Id status is VERIFIED.	BUP
BCTS SUBMIT	BC Timber Sale staff submit the ECAS Id back into GAS for CAP appraisal staff to determine the stumpage rate once the sales information has been populated into ECAS (this completes “second pass”) by clicking on SUBMIT button (outlined in blue Figure 9-50b) in ECAS31 – Acknowledgement screen.	SLD
<u>Action in GAS</u>	<u>Brief Explanation of Action</u>	<u>Resulting Status in GAS</u>
DETERMINE	CAP appraisal staff click on the DETERMINE button in GAS making calculating the stumpage rate. The stumpage rate is not available to the Harvest Billing System (HBS) to produce invoices (billing).	DET
CONFIRM	CAP appraisal staff click on the CONFIRM button in GAS confirming the stumpage rate. The stumpage rate is available to the HBS to produce invoices (billing). This action will also generate the two emails	CON
RETURN TO REGION	CAP appraisal staff click on the RETURN TO REGION button in GAS moves functionality back into ECAS. In this status CAP appraisal staff are able to update in ECAS and action status changes in ECAS.	
UNCONFIRM	CAP appraisal staff click on the UNCONFIRM button in GAS moves to limited functionality in ECAS. Best to return VERIFY back to GAS and then change status again in GAS and change status to RETURN TO REGION. NOTE if do not do this, you can get trapped in ECAS and have to request TPB do status change to REGION.	

GAS Stumpage Rate Emails

If the licensee has provided email(s) address to ECASHelp, when ‘confirmation” of a stumpage rate in GAS occurs (as a result of CAP appraisal staff clicking on CONFIRM button in GAS) two emails are sent by GAS.

To contact ECASHelp administrators regarding email address in CLIENT application, email address is:

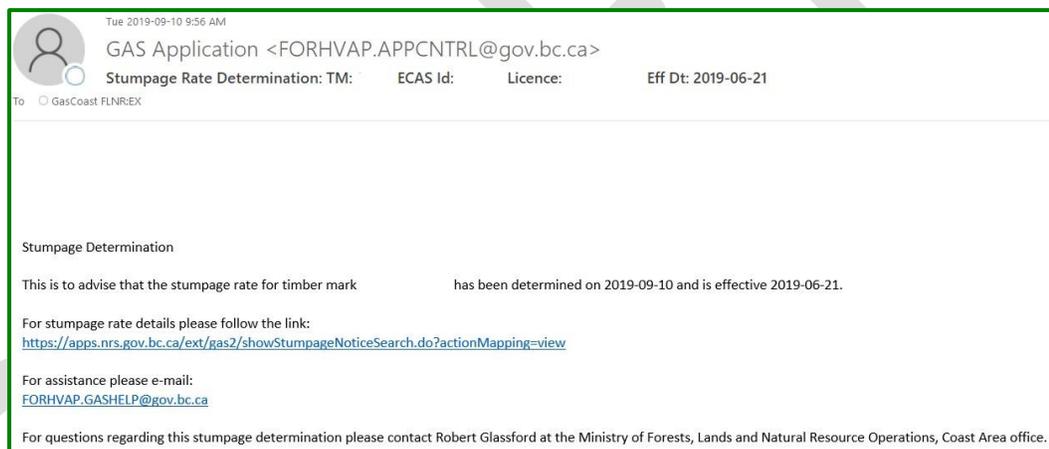
FORHVAP.ECASHELP@gov.bc.ca

If there is no email available, then no emails are sent to the licence holder by GAS! Client application can have more than one email for sending stumpage rate determination emails from GAS but it must be set-up by the licence holder.

For each stumpage rate determination for a cutting authority, the emails sent are the:

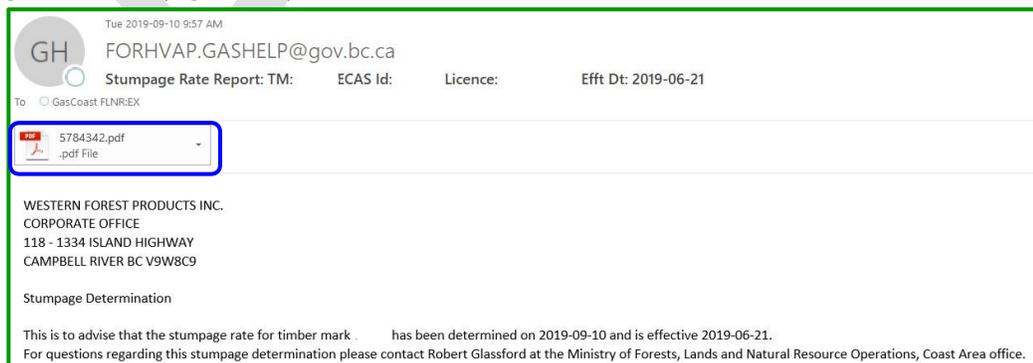
1. Stumpage Rate Determination body of email

Figure 9-52 – Stumpage Rate Determination email



2. Stumpage Rate Report (“Stumpage Rate Details” report outlined in blue Figure 9-53) which provides details of the stumpage rate calculation used in determining the stumpage rate.

Figure 9-53 – Stumpage Rate Report email



Stumpage Rate Details report

The attachment in the Stumpage Rate Report email (outlined in blue Figure 9-53) first page provided in Figure 9-54.

Figure 9-54 – Stumpage Rate Report

		Ministry of Forests, Lands, and Natural Resource Operations	
Timber Mark: Secondary Timber Mark(s): null		Rate Effective Date: 2020-02-12 Appraisal Status: Confirmed Date: 2020-03-13	
Coast Market Pricing System Stumpage Rate Details			
General Information			
Licensee:		Appraisal Effective Date:	2020-02-12
Client Number:		Appraisal Expiry Date:	2024-02-11
License:		Appraisal Type:	New
Cutting Permit:		Rate Adjustment Type:	Adjustable
Ecas Id:	128038	TOA:	Y
Annual Allowable Cut:	315233	Discount Factor:	0
Forest District:	South Island Natural Resource District	Selling Price Zone:	51
Tenure Type:	A02 - Tree Farm Licence	Rate Override:	N
TSA/TFL:		Cruise Type:	CF
TSB:			
Rate Summary			
	Appraised Rate		Amount (\$/m3)
	Estimated Winning Bid		56.73

APPENDIX 9-1

