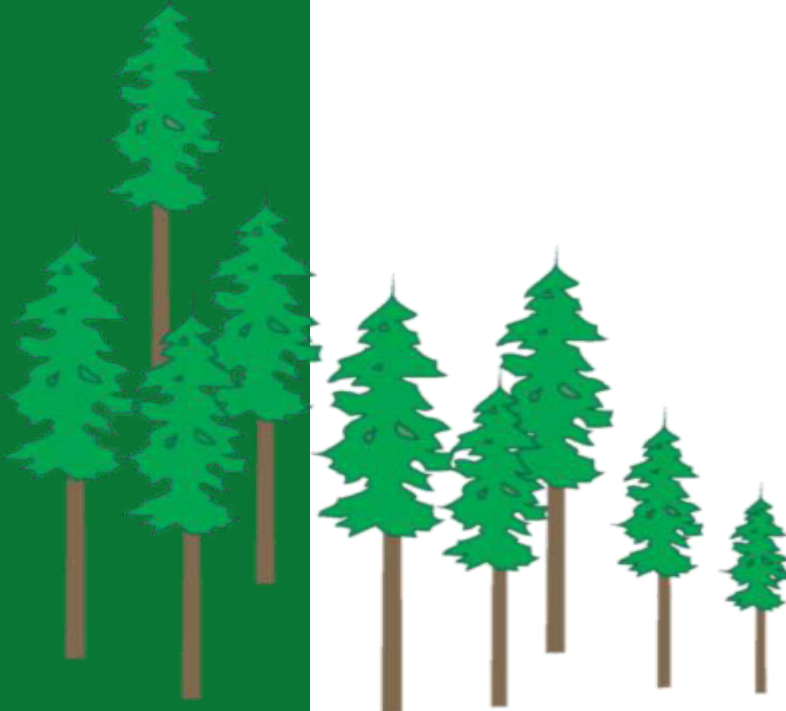




Coast Appraisal Training

Module 8
BC Timber Sales Appraisal Processes



Coast Area
January 2025



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 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 appraisal staff at the Coast Area office.

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Introduction

This Module is intended as a reference resource for BC Timber Sales (BCTS) staff. The information provided is for use during appraisal training activities and as a general reference guide of the work requirements for an auctioned timber cutting authority submission(s) that are not required by non-auctioned timber cutting authority submissions.

NOTE • A timber sale licence (TSL) is a cutting authority.

The accuracy of appraisal data elements in a BCTS cutting authority(s) is important as this information is what is analyzed during the development of the new Market Pricing System (MPS) equation.

The accuracy of the road section and drainage structure development cost estimate information entered into a timber sale licence appraisal data submission is important, as these cost estimates are used to develop the Market Logger Cost tenure obligation adjustment (TOA) for auctioned timber cutting authorities (major licensees). The road section and drainage structure costs inputted in the cutting authority appraisal data sections are those that the successful applicant will need to construct for timber extraction.

Target processing time for a BC Timber Sales appraisal data submission, as agreed to by BC Timber Sales HQ and Timber Pricing Branch, is 20 working days at the district level and 10 working days at region level.

Fully Appraised Cutting Authorities

The workflow for a fully appraised BCTS cutting authority in ECAS involves:

1. **First Pass** - is the appraisal data submission in ECAS from which an upset stumpage rate is determined for advertising of the cutting authority by BCTS.
2. **Second Pass** - occurs once the cutting authority has been awarded. BCTS staff update the initial appraisal data submission by including bonus information, expiry date and attaching the Application Tender Form for the BCTS cutting authority so that a stumpage rate determination can be done.

ECAS42 – BC Timber Sales

In addition to the submission of a complete and accurate appraisal data submission (ECAS Id) for the cutting authority, BCTS must input data into the ECAS42 – BC Timber Sale screen and attach additional information related to the auction of the cutting authority.

This screen is only applicable to BCTS cutting authorities and provides information for upset stumpage rates and once the cutting authority is awarded, for the determination of the stumpage rate based upon bonus information.

Development Levy

Is old policy from the Comparative Value Pricing (CVP) method of appraising timber. The levies (outlined in fuchsia Figure 8-1) are currently no longer applicable for BCTS under the Market Pricing System (MPS) method of appraising timber.

Silviculture Levy

Is old policy from the Comparative Value Pricing (CVP) method of appraising timber. The levies (outlined in orange Figure 8-1) are currently no longer applicable under for BCTS in the Market Pricing System (MPS) method of appraising timber.

Bonus Bid

Is dollar per cubic metre amount that the successful timber sale licence applicant has offered the Crown. This is either the bonus bid amount or the per cubic metre bonus offer. This field is entered on second pass.

Rate Adjustment Type

Is old policy from Comparative Volume Pricing (CVP) method of appraising timber, where some categories of BCTS cutting authorities stumpage rates would adjust quarterly.

Presently all BCTS cutting authorities have a FIXED stumpage rate for their term. Please ensure that the radio button is correct prior to changing status in ECAS to SUBMIT!

Figure 8-1 – ECAS42-BC Timber Sale screen

ECAS42 - BC Timber Sales

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

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

Override Levy (\$/m³)

Development Levy Applicable:

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 VCU or director IUSR for this cutting authority: (\$/m³)

Total Volume for the Licence: m³

Total Road Length: km(nearest 0.001 km)

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

Upset Stumpage Rate Under CAM:

Section 6.1.1(2)

When this radio button is YES (outlined in purple Figure 8-1) it indicates that the upset stumpage rate is a “TSO Manager Request”. This type of upset stumpage rate occurs when the cutting authority is being re-advertised after previous advertisement(s) resulted in no bids being received.

- NOTES
- The selection of this radio button can only be activated on second pass.
 - See the No Bid section for further details.

Section 6.1.1(1)(a)

When this radio button is YES (outlined in red Figure 8-1) it indicates the Director of BCTS does not anticipate bids on a cutting authority due to market conditions or timber profile, the Director may determine an upset stumpage rate.

- NOTES
- The selection of this radio button can only be activated on first pass.
 - Contact Coast Area Pricing appraisal section to have ECAS Id status changed should a Director rate be required after initial upset stumpage rate has been determined (status of ECAS is 'VERIFIED'), due to a no bid for example.
 - Director BCTS may consider upset stumpage rate below MPS70 & VCU under specific circumstances.

Section 6.1.1(5)

When this radio button is YES (outlined in blue Figure 8-1) it indicates a Lump Sum cruise-based cutting authority or stand as a whole pricing. This radio button can only be activated on first pass, contact Coast Area appraisal section to have ECAS Id status changed should a Lump Sum TSL be decided upon after initial upset stumpage rate has been determined (status of ECAS is 'VERIFIED').

CRITICAL

- When the ECAS Id status is ready to SUBMIT, the submitting forest professional must ensure that the Cruise indicator is selected **YES** in the FTA100 – Tenure screen in the Forest Tenure Administration application!
 - ⇒ Failure to do so will cause the incorrect MPS equation to be used in determining the upset stumpage rate.

Figure 8-2 – FTA100-Tenure screen

The screenshot shows the 'FTA100 - Tenure' screen with the following fields and values:

- File:** [Empty] [Go]
- Status:** R - Pending Issuance * As of: 2014-10-14 *
- Type:** B20 - SB TSL S20 single mark *
- Adm in Org:** RWC - West Coast Natural Resou * Note(s) Attached
- Permittee:** 00132191 00 TIMBER SALES MANAGER SEAWARDTLASTA
- District:** DNI - North Island - Central C * Sec. Licensee? N
- Mgmt Unit:** T 06 * TFL 06 Quatsino
- Zone:** THC *
- Effective Date:** [Empty] [Calendar]
- Term:** [Empty] yr [Empty] mo
- Initial Expiry Date:** [Empty] [Calendar]
- Ext. Count:** 0
- Current Expiry Date:** [Empty]
- Extension Reason:** [Empty]
- Location:** Jeune Landing
- Sched B (ha):** 33.7250
- BCTS Fund:** Y *
- BCTS Org:** TST - Seaward Timber Sales Off
- Mark:** 92723
- Quota Type:** [Empty]
- Catastrophic:** N
- Deciduous:** N
- Cruise Based:** Y
- Compliance Method:** S - Full, Standard Marking *
- Instrument:** H - Hammer *
- Land Region:** 1 - VAN ISLAND

Buttons at the bottom: Save, Delete, Retire

Total Licence Summary Information

Total Volume

Automatically populated by ECAS.

Total Road Length

Automatically populated by ECAS from information inputted into other ECAS screens.

Road Length Constructed by Licensee

Length of road constructed by the licensee who is awarded the cutting authority.

First Pass Process

The process for first pass for:

1. **Greater of MPS70 vs Variable Cost Upset (VCU) upset stumpage rate (USR) under section 6.1.1(1)(b) of CAM;**
 - a. ECAS42 – BC Timber Sales screen requires no action in first pass for these types of USR. All radio buttons must be NO (highlighted in yellow Figure 8-3).

Figure 8-3 – Upset Stumpage Rate under CAM in ECAS42 -BCTS screen

Upset stumpage rate under the CAM:		
a) Section 6.1.1(2):*	<input type="radio"/> Yes	<input checked="" type="radio"/> No
b) Section 6.1.1(1)(a):*	<input type="radio"/> Yes	<input checked="" type="radio"/> No
c) Section 6.1.1(5):*	<input type="radio"/> Yes	<input checked="" type="radio"/> No

- b. ECAS43 – Attachment screen
 - i. FS574 – Cost Estimator Page must be completed as per instruction in the section the “EXCEL FS574 - Cost Estimator Page”.

CRITICAL VCU is critical information (outlined in blue Figure 8-22) that must be inputted in the EXCEL FS574 – Cost Estimator Page as a USR cannot be determined for advertisement without VCU to compare to MPS70.

- ii. Attach only in the dedicated location in middle of screen (highlighted in yellow Figure 8-4).

NOTE Attaching it in other locations will result in Coast Area Pricing appraisal staff returning for clarification as this impacts ECAS validation rules

Figure 8-4 - FS574-Cost Estimator Page Attachment Location ECAS43 screen

Tenure Information	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>	View
BC Timber Sales (FS 574)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	TA####_FS574.xlsx	View

- c. A planned Advertisement Date must be provided in the ECAS96 - Comments screen (outlined in fuchsia Figure 8-5) at status change SUBMIT (first time ECAS Id submitted). This date is used by Coast Area Pricing (CAP) appraisal staff to determine which month’s selling price to use when calculating the MPS70 rate.

Figure 8-5 – Comments at SUBMIT Status

ECAS96 - Comments			
Client Number:	00132185 00	Client Name:	
Licence:		Cutting Permit:	
Timber Mark:		ECA S ID:	
Effective Date:	2017-07-01	Expiry Date:	
Comment:			
Submit Successful on 2017-06-07 - We plan to advertise the TSL on July. 4th, 2017			

2. **Lump Sum TSL** (or stand as a whole pricing cutting authority) USR is under section 6.1.1(5) of CAM.

a. ECAS42 – BC Timber Sales screen;

- i. Radio button must be YES (highlighted in yellow Figure 8-6) indicating that this is a Lump Sum TSL upset stumpage rate under section 6.1.1(5) of CAM (outlined in blue Figure 8-6).

Figure 8-6 – Upset Stumpage Rate Under CAM selection ECAS42 screen

Upset stumpage rate under the CAM:	
a) Section 6.1.1(2):*	<input type="radio"/> Yes <input checked="" type="radio"/> No
b) Section 6.1.1(1)(a):*	<input type="radio"/> Yes <input checked="" type="radio"/> No
c) Section 6.1.1(5):*	<input checked="" type="radio"/> Yes <input type="radio"/> No
If yes to either a, b, or c enter the dollar per cubic metre amount VCU or director IUSR for this cutting authority	
	<input type="text" value="48.99"/> (\$/m ³)

ii. **Per Cubic Metre Amount**, (outlined in red Figure 8-6) is recorded for a:

I. **VCU** (Variable Total Cost Upset) if the upset stumpage rate will be the greater of MPS70 or VCU.

- NOTE
- If the Lump Sum TSL is greater of VCU/TCU vs MPS70 record the VCU/TCU dollar per cubic metre amount.
 - CAP appraisal staff may update this information when upset stumpage rate is being determined by SDM.

II. **TCU** (Total Cost Upset) if the upset stumpage rate will be the greater of MPS70 or TCU.

III. **Director Rate** per cubic metre upset amount under 6.1.1(1)(a) of CAM (if Lump Sum TSL see the calculation example for ‘per cubic metre bonus amount in Second Pass section after Figure 8-17).

IV. **TSO Manager Requested Rate** most commonly occur when a TSL has been advertised and no bids have been received. See No Bid process.

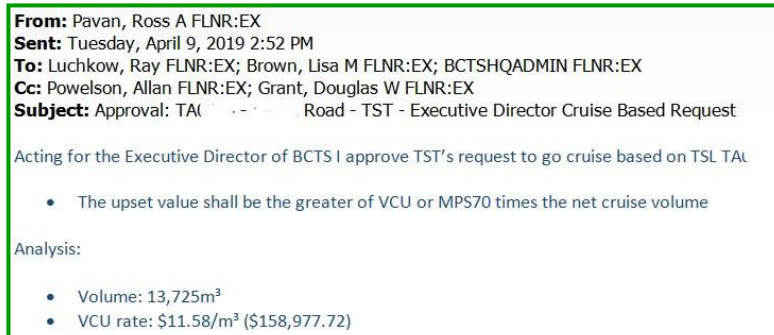
b. ECAS43 – Attachment screen attach (highlighted in yellow Figure 8-7) one of the following:

Figure 8-7 – Director BCTS Approval Attachment location in Miscellaneous section ECAS43 screen

Miscellaneous		<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		Brow
VCU - Cruise based		<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	MPS VCU CAM template 2	View
USR & Cruise Approval		<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Approval by ED BCTS	View

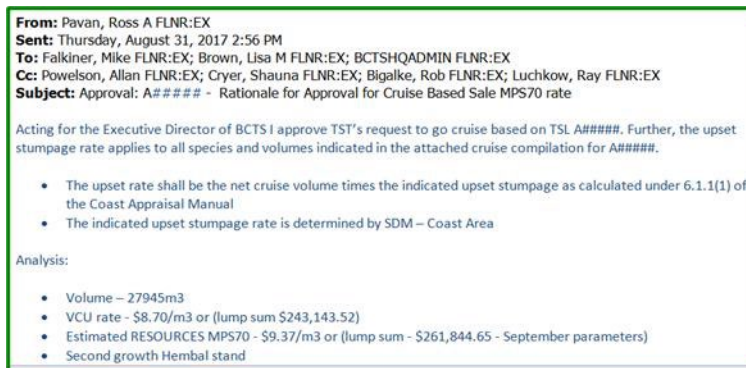
- i. Director BC Timber Sales determination approval of Lump Sum TSL and cruise-based billing (Figure 8-8a).

Figure 8-8a – Director BCTS Approval email #1



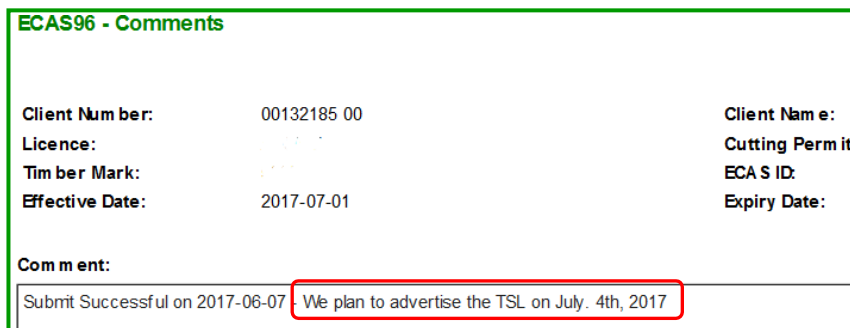
- ii. Director BC Timber Sales determination approval of Lump Sum TSL, cruise-based billing, cruise compilation (if it does not meet Cruise Manual statistics), and an USR determination under section 6.1.1(1)(a) (Figure 8-8b).

Figure 8-8b – Director BCTS Approval email #2



- c. Planned Advertisement Date must be provided in the ECAS96 - Comments screen (outlined in red Figure 8-9) at status change SUBMIT. This date is used by CAP appraisal staff to determine which month's selling price to use.

Figure 8-9 – Director BCTS Approval email #2



NOTE This date is used by Coast Area appraisal staff to determine which month's selling price to use.

3. **Disposition Agreement** (also referred to as single source Disposition Agreement) is when BCTS prepares and advertises a cutting authority using only allowable annual cut (AAC) allocation from a First Nation tenure typically.

A disposition agreement is generally a cruise-based Lump Sum TSL with the USR set by director of BC Timber Sales.

- a. ECAS42 – BC Timber Sales screen;
- i. Radio button must be YES (highlighted in yellow figure 8-10) indicating that this is a Lump Sum TSL upset stumpage rate under section 6.1.1(5) of CAM.
 - ii. Per Cubic Metre Amount, (outlined in blue Figure 8-10) is recorded as:
 - I. **VCU** (Variable Total Cost Upset) if the upset stumpage rate will be the greater of MPS70 or VCU.
 - II. **TCU** (Total Cost Upset) if the upset stumpage rate will be the greater of MPS70 or TCU.
 - III. **Director Rate** per cubic metre upset amount under 6.1.1(1)(a) of CAM (if Lump Sum TSL see the calculation example for 'per cubic metre bonus amount after Figure 8-16a).

Figure 8-10 – Per Cubic Metre Amount ECAS42 screen

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 VCU or director IUSR for this cutting authority: (\$/m³)

- b. ECAS43 – Attachment screen attach the director approval (if Lump Sum TSL) and the director USR determination if applicable (Figure 8-11),

Figure 8-11 – Director BCTS email approval

From: Tindale, Geoff FLNR:EX
Sent: Wednesday, September 28, 2016 1:23 PM
To: Falkiner, Mike FLNR:EX; Osborne, Michelle M FLNR:EX; Taggart, Duncan U FLNR:EX
Subject: TSL A###@# - Rational for Director Approval

The Executive Director of BCTS Has approved a lump sum upset rate of \$153,263.50 (\$8.50/m3) for TSL A###@#. Special business opportunity re: North Island Community Forest disposition agreement.

Notes:

- Volume 18,031 m3
- C 78%, Ground based
- MPS upset estimated Sept, 2016 \$74.89/m3
- VCU \$4.35/m3
- SE 24.6, 0.9 plots/ha, 4.0 trees/plot

- c. **Planned Advertisement Date** must be provided in the ECAS96 - Comments screen (outlined in red Figure 8-9) at status change SUBMIT in ECAS.

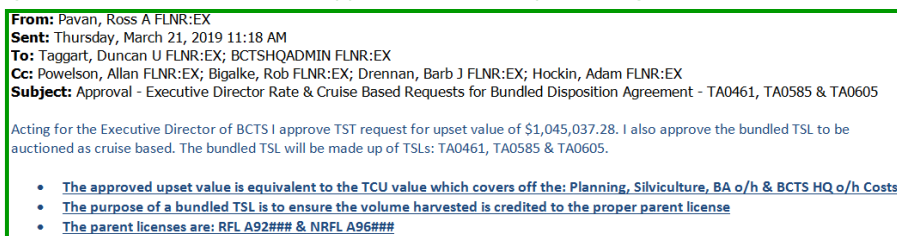
NOTE The planned advertisement date is used by CAP appraisal staff to determine which month to use for selling price information.

1. **'Bundled' Disposition Agreement** occurs when BCTS prepares and advertises a cutting authority using allowable annual cut (AAC) allocation from a First Nation tenure and at least one other source of AAC apportionment. These sources include First Nation tenure(s), potentially an Industry partner, and BCTS apportionment. Note there may be more than one source (license agreement) of First Nations apportionment.

The process for each screen is the same as with a single disposition agreement as well as the added requirement:

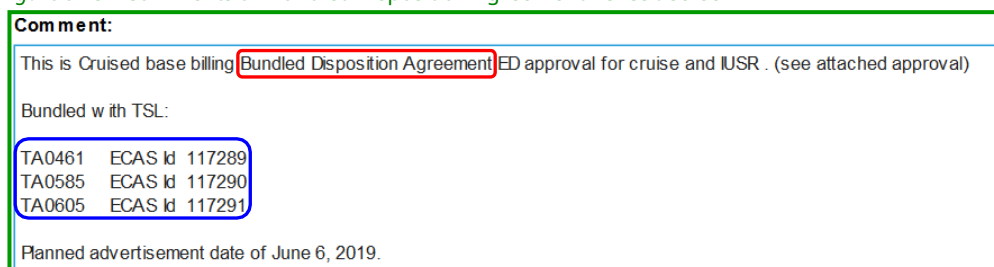
- a. that a separate ECAS Id must be created for each timber mark that will be advertised together in the Bundle Disposition Agreement,
- b. appraisal data elements specific to the timber mark must be inputted into each of their respective ECAS Id's using the mark specific;
 - i. cruise compilation,
 - ii. specified operation(s) applicable to the mark, and
 - iii. timber extraction infrastructure (development cost) that the successful applicant will have to build to access the mark's cutting authority area.
- c. the same VCU or TCU must be entered in each mark's ECAS Id in the ECAS42 - BC Timber Sale screen (outlined in blue Figure 8-10),
- d. in ECAS43 - Attachment screen for each ECAS Id attach (highlighted in yellow Figure 8-7) the ED BCTS determination (Figure 8-12).

Figure 8-12 – Director BCTS email approval Bundled Disposition Agreement



- e. in ECAS96-Comments screen in each ECAS Id, at SUBMIT status in ECAS provide the information that this is;
 - i. Bundled Disposition agreement TSL (outlined in red Figure 8-13), and
 - ii. other timber mark(s) and associated ECAS Id in this bundled disposition agreement (outlined in blue Figure 8-13).

Figure 8-13 – Comments on Bundled Disposition Agreement ECAS96 screen



2. **Director Rate** (under 6.1.1(a) of CAM) occurs when the executive director of BC Timber Sales determines an upset stumpage rate that is lower than MPS70 and VCU because the director does not anticipate applications for a timber sale licence. This decision can be made at a cutting authority new submission first pass, a refresh rate or at a no bid situation.

The process to follow will be dependent upon whether it is first pass, refresh rate or a no bid situation. The radio button for “Section 6.1.1(3) *Upset Stumpage Rate Under* the CAM in the ECAS42 – BC Timber Sales screen can only be activated on first pass. When a director rate occurs for a Lump Sum TSL ensure that Section 6.1.1(5) is checked off rather than Section 6.1.1(1)(a). Only one selection can be made for “yes” in the ECAS42 screen, so (c) Section 6.1.1(5) is the choice of higher importance.

The director decision must be attached in the ECAS43 – Attachment screen (highlighted in yellow Figure 8-7).

Second Pass Process

After a timber sale licence has been awarded the second pass must be completed. It is recommended that all of the required attachment information be ready before starting the second pass process. The process is;

1. BCTS Update button in the ECAS31 – Acknowledgement screen must be clicked (highlighted in yellow below Figure 8-14). ECAS should then automatically move to the ECAS42 – BC Timber Sales screen.

Figure 8-14 – BCTS Update Button ECAS32 screen

The screenshot shows a web interface with several buttons. At the top, there are 'Comments' and 'Submit' buttons, followed by the text 'Submitted for and on behalf of the licensee'. Below this, there are 'Save', 'BCTS Update', and 'Recall' buttons. The 'BCTS Update' button is highlighted in yellow.

2. Signed Tenure document must be attached. A best practice is to combine this documentation with the Bonus Information from the tender document in step 3.
3. Fixed rate radio button (highlighted in yellow Figure 8-15a) is selected
4. Bonus Bid information must be entered into the Bonus Bid appraisal data element in the ECAS42 – BC Timber Sales screen. Bonus information for a:
 - a. Bonus Bid for MPS70 or VCU USR is obtained from the “Signed Application and Tender form” (highlighted in yellow Figure 8-15a) and populated into Bonus Bid (outlined in fuchsia Figure 15b) in ECAS42 – BC Timber Sale screen,

Figure 8-15a – Bonus Bid Amount Application and Tender Form

The form is titled 'APPLICATION AND TENDER FOR TIMBER SALE LICENCE TA0597 UNDER SECTION 20 OF THE FOREST ACT'. It includes instructions and a series of questions to be answered by the applicant. The form is filled out with handwritten information.

Instructions: This form of application and tender must be completed in full (do not leave any blank spaces) by the applicant and submitted to the Timber Sales Manager.

Fields filled out:

- FULL LEGAL NAME (as per BCTS Certificate): PO Box
- TELEPHONE NO.:
- BCTS Reg.#:
- MAILING ADDRESS: LILLOET, BC
- POSTAL CODE:
- EMAIL ADDRESS (OPTIONAL): @telus.net

Questions and answers:

1. I make this Application and Tender and provide other information required in the Invitation for Applications (the Invitation) for the above stated timber sale Licence.
2. I have read and understand the Invitation, this Application and Tender for Timber Sale Licence TA0597 and the associated tender package contents.
3. I understand that:
 - a) the Timber Sale Licence area is Fully appraised with only one Timbermark, and
 - b) the Upset Stumpage Rate for this Licence is \$15.92 per cubic metre.
4. I agree to pay the Upset Stumpage Rate stated above for sawlogs, and the prescribed rates for all other grades, for all timber cut and removed or assessed as waste under this Licence.:
5. I offer to pay to the government, in addition to other amounts payable under the Forest Act and the Regulation,
 - a) stumpage under Part 7 of the Forest Act, and
 - b) a Bonus Bid in the amount of 44,42 per cubic metre
6. I will pay the deposits and charges upon request, and/or as specified in any applicable legislation, regulation or agreement.

Figure 8-15b – Bonus Bid Amount ECAS42 screen

Silviculture Levy Applicable:

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

- b. Bonus Amount for a Lump Sum TSL (stand as whole pricing) is obtained from the Signed Application and Tender form and must be converted (see calculation example below) from a whole number (\$1,168,095) bonus amount (highlighted in yellow outlined in red Figure 8-16a) to a per cubic metre bonus amount (\$42.83) for entry into the ECAS42 - BC Timber Sale screen (highlighted in yellow Figure 8-16b).

Figure 8-16a – Bonus Amount Application and Tender Form

**APPLICATION AND TENDER FOR
TIMBER SALE LICENCE A
UNDER SECTION 20 OF THE FOREST ACT**

This form of application and tender must be completed in full by the applicant and submitted to the Timber Sales Manager.

I, COMPANY LTD FULL LEGAL NAME (as per BCTS Certificate) INCORPORATION NO. 00 BCTS Reg #

PO BOX 1234 COLUTENARY B.C. MAILING ADDRESS V1N 6R8 POSTAL CODE

250-123-4567 E-MAIL ADDRESS 250-123-4567 TELEPHONE NO. 250-123-4567 FAX NO.

- I make this Application and tender and provide other information required in the Invitation for applications (the Invitation) for the above stated timber sale licence
- have read and understand the Invitation, this Application and Tender for Timber Sale Licence A91775 and the associated tender package contents.
- I understand that:
 - the Timber Sale Licence area is Fully appraised with only one Timbermark, and
 - the Total Stumpage Value for this licence is: \$1,103,616.90
- agree to pay the Total Stumpage Value stated above for all timber under this licence.
- I offer to pay to the government, in addition to other amounts payable under the *Forest Act* and the *Regulation*,
 - stumpage under Part 7 of the *Forest Act* in respect to all grades of sawlogs cut under this licence, and
 - a Bonus Offer in the amount of 1,168,095.00
- I will pay the deposits and charges upon request, and/or as specified in any applicable legislation, regulation or agreement.

EXAMPLE Calculation of per cubic metre bonus offer amount

Total Net Cruise Volume of TSL = 27,270 m³

Bonus Offer amount = \$1,168,095

$\$1,168,095 / 27,270 \text{ m}^3 = \42.83 per m^3

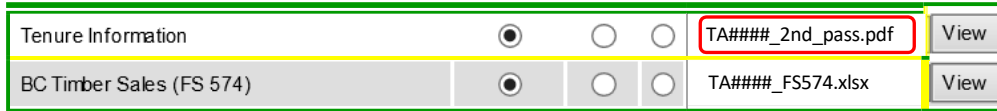
Figure 8-16b – Bonus Bid Amount ECAS42 screen for Lump Sum

Silviculture Levy Applicable:

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

5. Documentation Attachment (outlined in red Figure 8-17) in the 'Tenure Information' (outlined in yellow Figure 8-17) location in the ECAS43 – Attachment screen.

Figure 8-17 – Licence Agreement Attachment location ECAS43 screen

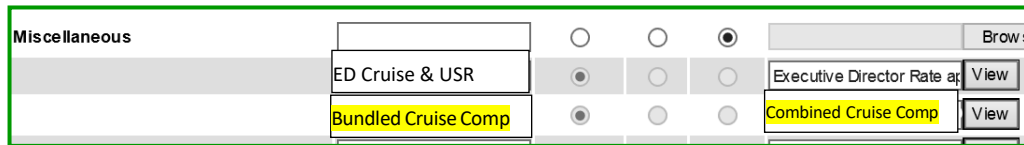


NOTE The only documents required for attachment are the signed *tenure document* and the “Signed Application Tender Form” with the bonus information (see Figure 8-16a).

6. **Bundled Disposition Agreement**, BCTS staff must in addition to previous steps, provide a cruise compilation:
 - a. specific to the timber mark of the ECAS Id, and
 - b. for all timber marks (highlighted in yellow Figure 8-18) in the bundled disposition agreement.

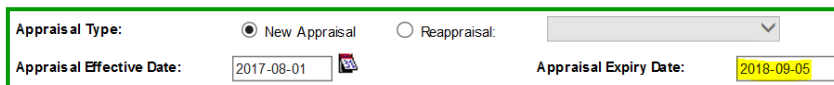
NOTE The reason for the combined cruise compilation for all timber marks in the bundled disposition agreement, is data analysis for MPS equation development by the Timber Pricing Branch.

Figure 8-18 – Bundled Disposition Agreement Cruise Compilation Attachment Location ECAS43 screen



7. **Expiry Date** in the ECAS30 – Reference Information screen must be entered (highlighted in yellow Figure 8-19). The expiry date must match the date in the signed timber sale licence document.

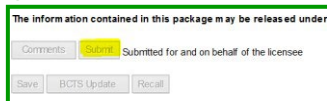
Figure 8-19 – Expiry Date ECAS30 screen



NOTE The Effective Date must not be changed. By changing the effective date, the market parameters change, which results in the wrong upset stumpage rate information in the General Appraisal System (GAS).

8. **Status** in the Forest Tenure Administration FTA100 – Tenure screen the 'Type' must be HI – Issued. Stumpage rates cannot be confirmed in GAS until the 'Type' in FTA is HI. Check to ensure this is correct before completing the Submit step below in ECAS.
9. **Submit button** must be clicked on the ECAS31 – Acknowledgement screen to complete BCTS work on the second pass. Once done the Coast Area appraisal staff will then complete the stumpage rate determination.

Figure 8-20 – Submit Button ECAS31 screen



EXCEL FS574 – Cost Estimator Page

The EXCEL FS574 – Cost Estimator Page is available on the Coast Area Pricing appraisal section web site.

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

The EXCEL FS574 – Cost Estimator Page spreadsheet is password protected and cannot be used if the password protection is broken. The reason for this is to ensure that the programming in the EXCEL spreadsheet is unchanged, as this program is one of the ‘systematic’ means of determining the greater of MPS70 or VCU upset stumpage rates.

- NOTES
- HemBal means Hemlock & Balsam coniferous species
 - Statutory grades mean
 - ⇒ Hemlock & Balsam U grade
 - ⇒ All conifer X & Y grades
 - ⇒ All deciduous Y grade

The process for completing an EXCEL FS574 – Cost Estimator Page is

1. Enter required information in top portion of the EXCEL FS574:
 - a Licence (Timber Sale Licence #) obtained from FTA,
 - b Second Growth Yes or NO obtained from cruise compilation based upon definition in CAM,
 - c Variable cost to prepare timber for sale (VCU) for advertisement is obtained from BCTS accounting system regarding the costs to prepare a TSL.

Figure 8-21 – Cutting Authority & VCU in EXCEL FS574-Cost Estimator Page

The screenshot shows a yellow background with the following elements:

- Logos for British Columbia and the Forest Sector.
- Section title: ESTIMATED TIMBER VOLUMES
- Input fields: Licence (TA####), Effective Date.
- Second Growth (Yes or No) dropdown menu set to No.
- Variable Cost to Prepare Timber for Sale input field with a value of \$15.29.

2. Total Coniferous Sawlog Volume section of the EXCEL FS574 is populated from the coniferous volume from the cutting authority cruise compilation ‘Appraisal Summary Report’ for each species. The calculation process is;

- NOTES
- Example calculations in this sub-section use volumes from IFS cruise compilation ‘Appraisal Summary Report’ in Appendix 8-2.
 - Rounding convention requirements for any appraisal calculations are set in section 2.2.1 of CAM.
 - Total net cruise volume rounding rule may impact these calculations.

- a. obtain each coniferous volume (outlined in blue Appendix 8-2) from cruise compilation,

Example

Balsam	6,937 m ³	Douglas Fir	4,569 m ³
Cedar	14,739 m ³	Hemlock	17,464 m ³
Y. Cedar (cypress)	190 m ³	Spruce	574 m ³

- b. calculate each species statutory grade percentage, by adding together each species HemBal U and all conifer X & Y grade percentages (outlined in red Appendix 8-2),

Balsam	15%	(U grade 11%, X grade 3% & Y grade 1%)
Cedar	7%	(X grade 1% & Y grade 6%)
Y. Cedar	15%	(X grade 13% & Y grade 2%)
Doug. Fir	8%	(Y grade 8%)
Hemlock	18%	(U grade 15%, X grade 2% & Y grade 1%)
Spruce	3%	(Y grade 3%)

- c. calculate each species non-statutory grade volume by removing the HemBal U and all conifer X & Y grade portion,

Balsam	6,937 m ³ * 0.15 = 1,040.5500 m ³	
	6,937 m ³ - 1,040.5500 m ³ =	<u>5,896 m³</u>
Cedar	14,739 m ³ * 0.07 = 1,031.7300 m ³	
	14,739 m ³ - 1,031.7300 m ³ =	<u>13,707 m³</u>
Y. Cedar	190 m ³ * 0.15 = 28.5000 m ³	
	190 m ³ - 28.5000 m ³ =	<u>162 m³</u>
Doug. Fir	4,569 m ³ * 0.08 = 365.5200 m ³	
	4,569 m ³ - 365.5200 m ³ =	<u>4,203 m³</u>
Hemlock	17,464 m ³ * 0.18 = 3,143.5200 m ³	
	17,464 m ³ - 3,143.5200 m ³ =	<u>14,320 m³</u>
Spruce	574 m ³ * 0.03 = 17.2200 m ³	
	574 m ³ - 17.2200 m ³ =	<u>557 m³</u>

- d. Enter resultant, for each species, from step 2(c) into EXCEL FS574 (outlined in red Figure 8-22).

Figure 8-22 – Conifer Non-Statutory Grade Species Volume EXCEL FS574

DESCRIPTION OF TIMBER		ESTIMATED VOLUME OF TIMBER (m3) (a)	ESTIMATED UPSET STUMPAGE RATES (\$/m3) * (b)	ESTIMATED VALUE AT UPSET STUMPAGE RATES (a X b =c)
<i>Species</i>	<i>Code</i>			
Balsam	BA	5,896		
Cedar	CE	13,707		
Cypress	CY	162		
Fir	FI	4,203		
Hemlock	HE	14,320		
Lodgepole Pine	LO			
Spruce	SP	557		
White Pine	WH			
Ponderosa Pine	YE			
White Bark Pine	WB			
TOTAL CONIFEROUS SAWLOG VOLUME			38,069	cubic metres

3. Total Other Volume section of the EXCEL FS574 populate the statutory grade volume for:

- NOTES
- Example calculations in this sub-section use volumes from IFS cruise compilation 'Appraisal Summary Report' in Appendix 8-2.
 - Rounding convention requirements for any appraisal calculations are set in section 2.2.1 of CAM.
 - Total net cruise volume rounding rule may impact these calculations.

a. HemBal U grade volume by obtaining the Hemlock & Balsam volumes from step 2(a) and the HemBal statutory grade percentage from step 2(b).

$$\begin{aligned}
 \text{Balsam} & 6,937 \text{ m}^3 * 0.11 = 763.0700 \\
 \text{Hemlock} & 17,464 \text{ m}^3 * 0.15 = 2,619.6000 \\
 \text{HemBal U} & 763 + 2,620 = \mathbf{3,383 \text{ m}^3}
 \end{aligned}$$

b. all conifer X & Y grade volume (outlined in blue Figure 8-24) by obtaining all conifer species volumes from step 2(a) and all conifer X & Y grade species percentage from step 2(c).

$$\begin{aligned}
 \text{Balsam} & 6,937 \text{ m}^3 * 0.04 = 277.4800 \\
 \text{Cedar} & 14,739 \text{ m}^3 * 0.07 = 1,031.7300 \\
 \text{Y. Cedar} & 190 \text{ m}^3 * 0.15 = 28.5000 \\
 \text{Doug. Fir} & 4,569 \text{ m}^3 * 0.08 = 365.5200 \\
 \text{Hemlock} & 17,464 \text{ m}^3 * 0.03 = 523.9200 \\
 \text{Spruce} & 574 \text{ m}^3 * 0.03 = 17.2200
 \end{aligned}$$

$$\text{All Conifer X \& Y} \quad 277 + 1,032 + 29 + 366 + 524 + 17 = \mathbf{2,245 \text{ m}^3}$$

c. each special forest products, if there is in cutting authority (location for population is outlined in orange Figure 8-23) cruise compilation.

Figure 8-23 - Statutory Grades Volume in EXCEL FS574-Cost Estimator Page

Product	Code	Estimated Volume of Timber (m3)	Miscellaneous Stumpage Rates	Estimated Value At Stumpage Rate	Upset
All Species Shakes	SK				
Fence Posts & Rails					
Cedar	PR				
All Other Species	PR				
Blanks/Bolts/Blocks	SB				
Stakes and Sticks	SS				
Cants	CA				
Firewood	FW				
Deciduous		254			
X & Y Grade		2,245			
Hemlock & Balsam U Grade		3,383			
TOTAL OTHER VOLUME			5,882	cubic metres	

- Ensure that the total net cruise volume of the cutting authority in the ECAS30 – Reference Information screen matches the 'Total Timber Sale Volume' at the bottom of the EXCEL FS574 (highlighted in fuchsia Figure 8-24).

Figure 8-24 - EXCEL FS574-Cost Estimator page

DESCRIPTION OF TIMBER		ESTIMATED VOLUME OF TIMBER (m3) (a)	UPSET STUMPAGE RATES (\$/m3) * (b)	AT UPSET STUMPAGE RATES (a X b = c)
<i>Species</i>	<i>Code</i>			
Balsam	BA	5,896		
Cedar	CE	13,707		
Cypress	CY	162		
Fir	FI	4,203		
Hemlock	HE	14,320		
Lodgepole Pine	LO			
Spruce	SP	557		
White Pine	WH			
Ponderosa Pine	YE			
White Bark Pine	WB			
TOTAL CONIFEROUS SAWLOG VOLUME			38,845	cubic metres
<i>Product</i>	<i>Code</i>	Estimated Volume of Timber (m3)	Miscellaneous Stumpage Rates	Estimated Value At Stumpage Rate Upret
All Species Shakes	SK			
Fence Posts & Rails				
Cedar	PR			
All Other Species	PR			
Blanks/Bolts/Blocks	SB			
Stakes and Sticks	SS			
Cants	CA			
Firewood	FW			
Deciduous		254		
X & Y Grade		2,245		
Hemlock & Balsam U Grade		3,383		
TOTAL OTHER VOLUME			5,882	cubic metres
Competitive Volume <small>(to be appraised at a future date)**</small>	<i>Code</i>	Estimated Volume of Timber (m3)	Miscellaneous Stumpage Rates	Estimated Value At Stumpage Rate Upret
TOTAL UNAPPRAISED VOLUME				cubic metres
TOTAL TIMBER SALE VOLUME			44,727	cubic metres

Refresh Rate

The types of refresh rates that may occur are due to:

1. selling price information is stale (older than two months).
2. variable cost upset has new amount.

Selling Price Information Refresh Rate

When an upset stumpage rate has been provided and advertisement did not occur on the planned advertisement date, a refresh rate needs to be requested. An upset stumpage rate that is three months after the effective date of that upset stumpage rate determination requires a refresh to ensure that the most current average lumber market values are used to set the MPS70 rate.

- i.e. planned advertisement date April 15th, effective date of the upset stumpage rate is April 1st if the new planned advertisement date is end of June or later a refresh rate is required).

The reason for a refresh rate is to ensure that the most current average lumber market values are used to ensure that the auction of the timber is done using the most current MPS70 available at the time of auction.

It may also be that BCTS staff need to update appraisal data elements due to a new CAM, better variable cost upset information, new development costs or cruise compilation must be recompiled as directed by the Cruise Compilation manual. When this occurs, it is more than just a simple Refresh Rate request and BCTS is responsible to ensure that any of the changes that occur over time are referenced. The cutting authority appraisal will have to be returned to BCTS through the district appraisal staff as a verification review must be conducted on the updated appraisal data submission.

To request, send an email to the Coast Area Pricing appraisal staff person who determined the last upset stumpage rate, requesting a refreshed upset stumpage rate. In the Subject line of email:

Refresh Rate Request – TA#### ECAS Id #####.

It is assumed that the refresh rate request is for immediate advertisement of the cutting authority. The planned advertisement date should always be provided. In body of email:

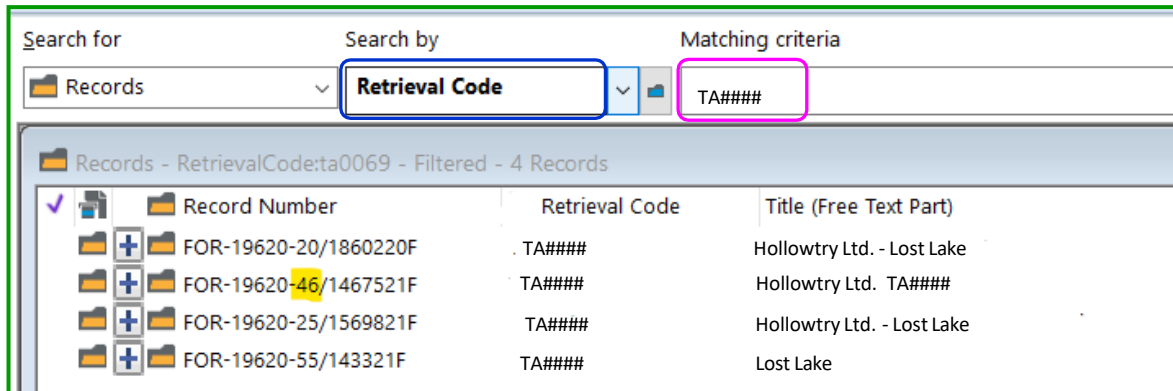
Planned advertisement date for TA#### TM: A##### is YYYY-MM-DD.

The person who determined the last upset stumpage rate is obtained from the email that provided the most recent upset stumpage in the cutting authority appraisal 46 file. To find the appraisal 46 file:

1. Open EDRMS,
2. Search by 'Retrieval Code' (outlined in blue Figure 8-26) as the search method,

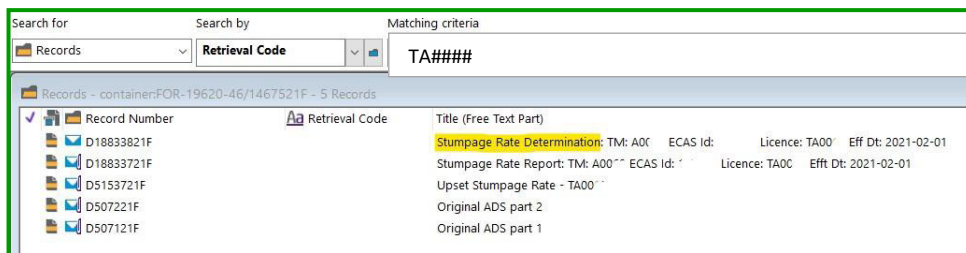
3. Populate the 'Matching Criteria' with the cutting authority (outlined in fuchsia Figure 8-25) i.e. TA##### ,

Figure 8-25 – EDRMS Container Search



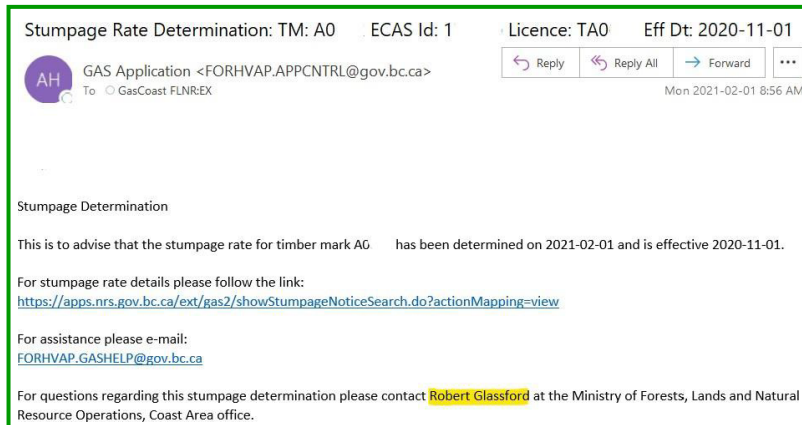
4. Open the electronic appraisal 46 (highlighted in yellow Figure 8-26) file,

Figure 8-26 – Stumpage Rate Determination email Record



5. Select and open the most recent upset stumpage rate determination,
6. Person who determined the upset stumpage rate (highlighted in yellow Figure 8-27).

Figure 8-27 – Statutory Decision Maker in Stumpage Rate Determination email Record



Variable Cost Upset Update Refresh Rate

When there is an update/change to the variable cost upset (VCU) since the last upset stumpage rate (USR) determination, an update may be required to either the;

1. EXCEL FS574 – Cost Estimator page requires update (outlined in blue Figure 8-25), or
2. ECAS42 – BC Timber Sale screen requires update (outlined in red Figure 8-6).
 - CRITICAL**
 - This cannot be done after the TSL has been advertised.
 - Action if there is a refresh rate required due to old selling price information.

If the VCU is greater than the current USR determination and advertisement has not occurred, then Update Rate Request should be made to CAP appraisal staff.

If the VCU information has changed at the time that a refresh rate is being requested, the EXCEL FS574 – Cost Estimator Page must be updated. The process is:

1. BCTS staff forest professional;
 - a. updates the EXCEL FS574 with new VCU.
 - b. creates a fresh email with:
 - i. Subject line
Refresh Rate Request for change to VCU – TA#### ECAS Id #####.
 - ii. Body of email
The variable cost upset (VCU) requires updating and the planned advertisement date for TA#### is YYYY-MM-DD.
 - c. sends email request to the SDM who did the most recent USR determination (highlighted in yellow Figure 8-28) in the body of the email.
2. SDM will action, dependent upon information provided in the body of the email, by changing the ECAS Id status to:
 - a. CLARIFY
(ECAS Id is available to TSO office submitter), or
 - b. DISTRICT CLARIFY
(ECAS Id goes to district appraisal staff who will then send it to the TSO office submitter. Reason for this approach is if there are changes to appraisal data elements other than the VCU).
3. BC Timber forest professional staff:
 - a. attaches the ‘updated’ EXCEL FS574 – Cost Estimator Page in the ECAS43 – Attachments screen (highlighted in yellow Figure 8-4), and
 - b. submits back to the:
 - i. District appraisal staff if status is DISTRICT CLARIFY, or
 - ii. SDM if status is CLARIFY.

Update Request due to Appraisal Data Element(s) Change

An *Update Rate Request* is a Refresh Rate request due to the appraisal data elements within the existing ECAS Id requiring an update because of:

1. new MPS equation.
2. new cruise compilation manual that requires recompilation to the newest version.
3. stale dated cruise plot measurement.

NOTE • remeasurement of cruise plots when last measurement of the cruise plot for:

- ⇒ second growth cutting authority was 5 years.
- ⇒ old growth cutting authority was 10 years.

4. update of the harvest volume or cutting authority area requiring a new cruise compilation.

NOTE • Recompilation impacts measurement of cruise plots when last measurement of the cruise plot for:

- ⇒ Estimated winning bid (EWB) variables.
- ⇒ Species.
- ⇒ Volumes.
- ⇒ grades.

5. update to development cost tenure obligation adjustment (TOA).

This type of update Refresh Rate request can mean a number of appraisal data elements are changing, beyond that of a simple refresh request. Ensure that the planned advertisement date is provided in the email request.

NOTE A ECAS Id is an appraisal data submission once it is electronically signed it is a professional document of the submitting forest professional listed in the ECAS31 – Acknowledgement screen.

New MPS Equations

A new MPS equation, as general rule, results when the Minister approves a new CAM. The new CAM may also require updates to existing specified operations or have a new specified operation. It may also have new EWB variables that require new appraisal data element to be populated. If a timber sale licence has not been advertised at the time of a new CAM being approved, a refresh rate must be requested, which may involve the ECAS Id being returned on a Clarify if appraisal data elements need to be updated or added.

Cruise Compilation Update

The Cruise Compilation Manual is updated periodically and for some of these updates there is a requirement that all cruise compilations be recompiled using the new cruise compilation version by a specified date. If the planned advertisement date for a

cutting authority is after the date specified, then a request must be made to CAP appraisal staff for an updated refresh rate, after the recompilation has been done.

Stale Dated Cruise Plot Measurement

The Cruise Manual provides that remeasurement of cruise plots is required if a cutting authority is:

1. second growth coniferous timber whose cruise plots were last measured more than five years ago.
2. old growth coniferous timber whose cruise plots were last measured more than ten years ago.

A new cruise compilation based upon the remeasure cruise plots must be generated and any EWB variable changes populated into the appraisal data submission (ECAS Id).

Harvest Method or Cutting Authority Area Change

When there is a harvest method change (usually a switch from helicopter to conventional harvest or vice versa) or a change to the cutting authority area, (ie. Goshawk nest found requiring removal of harvest area from the cutting authority area.) it will require an update to the EWB variables and/or other appraisal data elements in the appraisal data submission.

- NOTES
- EWB variables impact the MPS equation
 -

Development Cost Update

When the road development cost tenure obligation adjustment (TOA) requires updating, the development cost information must be updated in the appraisal data submission to reflect the cost that the successful timber sale licence applicant will incur to extract the timber. The reason this is critical is that while the development cost recorded in a BCTS cutting authority appraisal data submission does not impact the upset stumpage rate, the Development Cost TOA costs are the source for the Market Logger Cost TOA used in calculating the stumpage rate for fully appraised non-auctioned timber cutting authorities.

Process for Update Refresh Request

The process for an update refresh request is:

1. BCTS staff forest professional;
 - a. composes a fresh email with a:
 - i. Subject line.
Update Request – TA#### ECAS Id #####.
 - ii. Body of email.
Update of *one of five reasons updating* and the planned advertisement date for TA#### is YYYY-MM-DD.
 - b. sends email request to the SDM who did the most recent USR determination (highlighted in yellow Figure 8-28) in the body of the email.
2. SDM actions by changing the ECAS Id status to DISTRICT CLARIFY:
NOTE
 - Reason for this is the substantive changes especially to cruise compilation or cruise require district appraisal and/or district cruise staff to conduct verification review.
3. District appraisal staff changes status to CLARIFY.
4. BCTS staff:
 - a. complete update work and attach all required information.
 - b. change status in ECAS to Sent With Issue by clicking on the ‘Submit’ button (highlighted in yellow Figure 8-21) in the ECAS31 – Acknowledgement screen.
5. District staff:
 - a. complete verification review.
 - b. change status in ECAS by clicking on the ‘Send to Region’ or ‘Send with Issue’ button in the ECAS32 – Control screen.
6. CAP appraisal section SDM:
 - a. review appraisal data submission
 - b. determines a replacement refresh Upset Stumpage Rate.
 - c. email the determination to the appropriate TSO in-box.

No Bid Timber Sale Licence

No bid situations are important information in the analysis of a new data set for the MPS equation. There are currently eight No Bid codes. The two most common occurrences for a No Bid sale are when:

1. a timber sale licence (TSL) has been advertised and no bids have been received.
2. it is anticipated for a TSL, if advertised, due to market conditions or condition of the stand (i.e., burned, wind-throw, low grade timber).

The most common types of no bid upset stumpage rates for TSL are:

1. that has been advertised already:
 - a. 'No Bid Refresh Rate Request' under section 6.1.1.(1)(b) for greater of MPS70 or variable cost upset (VCU),
 - b. 'Director Rate' under section 6.1.1.(1)(a), or
 - c. 'TSO Manger Requested Rate' under section 6.1.1(2).
2. no bids are anticipated is;
 - a. 'Director Rate' under section 6.1.1.(1)(a), or
 - b. infrequently a 'TSO Manger Requested Rate' under section 6.1.1(2).

NOTE Only the Director of BC Timber Sales (BCTS) may determine an upset stumpage rate lower than VCU.

No Bids Codes

The 'No Bid' code numbers for what has caused the TSL to receive no bids are:

- | | |
|----------|--|
| 0 | Zero bids received |
| 1 | All bidders ineligible |
| 2 | All bidders withdrew prior to auction |
| 3 | One or more eligible bids received but all refused to enter contract |
| 4 | Outstanding accounts – sale not issued |
| 5 | Absurd bid – sale terminated |
| 6 | Auction terminated by Minister |
| 7 | Other |

No Bids Received Processes

No Bid Refresh Rate Request Process

For a TSL that has been advertised with no bids having been received and the TSO only wishes to refresh the stumpage rate using the most current selling price information under section 6.1.1.(1)(b) of the CAM (greater of MPS70 or VCU), the process is:

NOTE • This only applies if there will be no other changes to appraisal data elements!

1. timber sale office (TSO) staff member sends an email to the Coast Area Pricing (CAP) appraisal staff member who determined the last upset stumpage rate (c.c. other CAP appraisal staff as well), requesting a No Bid refresh upset stumpage rate.

Below provides required subject line (reason for this specific wording is that it is systematic and CAP appraisal staff workload will be prioritized according to this email) and recommend using body of email text example.

Subject line

No Bid Refresh Rate Request – TA#### ECAS Id #####

Example body of email text

A No Bid due to **code #** has occurred for TA#### timber mark ##### in ECAS Id ##### and I am requesting a USR refresh rate under section 6.1.1.(1)(b) of the CAM.

Details regarding code 7 only!

Planned advertisement date is YYYY/MM/DD.

Forest Tree

Planning Technician, TCH

2. CAP appraisal staff will redetermine USR and provide an USR determination email to the TSO in-box. The request email (step 1) and determination email (step 2) will be placed into the cutting authority appraisal 46 container in EDRMS by CAP appraisal staff.
3. BCTS advertises the TSL using the USR determined in step 2 of this section.
4. complete steps required in Second Pass section of this module; and
5. in the ECAS03-Comments screen that occurs during SUBMIT (step 7 of Second Pass section) provide that this is a No Bid sale due to a code (provide specific code).

Director USR Request Process

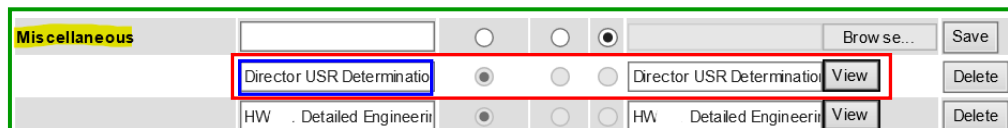
For a TSL that has been advertised with no bids having been received and the TSO requests the Director (or designate) of BCTS to redetermination an USR under section 6.1.1.(1)(a) of the CAM. It is important to be aware that in this type of request there must be no changes to appraisal data elements. The only change is to the upset stumpage rate per cubic metre amount that the Director of BCTS specifies in the determination.

The process for this type of USR redetermination is:

1. TSO staff requests from the Director BCTS (or the designate) an USR because No Bids were received. Provide the No Bid code in email and USR being requested.
2. Director BCTS (or the designate) determines USR under section 6.1.1.(1)(a) and sends email to TSO.
3. BCTS staff sends an email to CAP appraisal staff requesting change the status of the ECAS Id to CLARIFY.
4. CAP appraisal staff change the status to CLARIFY.
5. BCTS staff, once status is CLARIFY, in the;
 - a. ECAS43 – Attachment screen in the miscellaneous section (highlighted in yellow Figure 8-28) attach the Director BCTS USR determination email (outlined in red Figure 8-28).

NOTE Label the attachment as '**Director USR Determination**' (outlined in blue figure 8-29).

Figure 8-28 – Director USR Determination Attachment Location ECAS43 screen



- b. ECAS42 – BC Timber Sale screen:

- i. active the **YES** radio button (outlined in red Figure 8-29a)for Section 6.1.1.(1)(a).

NOTE If a Lump Sum TSL the 'Section 6.1.1.5' (outlined in blue Figure 8-30b) MUST be selected even though it is a Director Rate determination.

Figure 8-29a – Section 6.1.1(a) of CAM ECAS42 screen

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 VCU or director IUSR for this cutting authority: (\$/m³)

- ii. enter the per cubic metre amount determined by Director BCTS in step 2 (highlighted in yellow Figure 8-29a & 8-29b) of this section.

Figure 8-29b – Section 6.1.1(5) of CAM ECAS42 screen

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 VCU or director IUSR for this cutting authority: (\$/m³)

- c. ECAS31 – Acknowledgement screen click SUBMIT button.
- d. ECAS96 – Comments screen provide ‘No Bid Code’ and planned advertisement date.
6. CAP appraisal staff, when the ECAS Id is in status of VERIFY, will in the:
- ECAS32 – Control screen changes the status to VERIFY.
 - GAS Appraised Worksheet will complete necessary work.
 - Generate email determination.
 - Send the determination email to the TSO inbox.
7. BCTS advertises the TSL using the USR determined in step 2 of this section.
8. if another no bid situation occurs, then No Bid process will begin again.
9. once the TSL is successfully awarded, complete the Second Pass process.

TSO Manager No Bid TSL USR Request Process

For a TSL that has been advertised and no bids are received, and the TSO wishes to request an USR under section 6.1.1.(2) of the CAM. It is important to be aware with a TSO Manager requested upset stumpage rate (USR), that there will be no changes to appraisal data elements! The only change is to change the USR per cubic metre to the amount that the TSO Manager is requesting.

- NOTE
- The TSO Manager Requested USR is not an approval! It is a request to CAP appraisal staff.

It is important to note that the USR in this case cannot be lower than the variable cost upset (VCU) to prepare the sale. The TSO manager requested rate is generally only applicable when the MPS70 rate was the most recent USR. Thus, when the most recent USR determination was the VCU (MPS70 rate is below the VCU), section 6.1.1.(2) of the CAM generally is not a suitable choice.

- NOTE
- Only a **Director** rate under section 6.1.1(1)(a) can be below VCU and MPS70!

The TSO Manager request must come directly from either the TSO Manager or from someone who has written designation to perform the TSO Manager work under section 6.1.1(2) of CAM. This email should be a new email from the TSO Manager or designate. The process for a TSO Manager Requested USR under section 6.1.1(2) for a TSL that has been advertised and received no bids is:

1. Timber Sale Office (TSO) manager (or designate) sends a fresh email to the CAP appraisal staff member, who determined the last USR (Cc other CAP appraisal staff as well), requesting a specific USR under section 6.1.1(2) of CAM.

- NOTE The USR requested can be no lower than the variable cost upset (VCU) of the TSL.

Following provides required subject line (reason for this specific wording is that systematic and CAP workload will be prioritized to this email) and recommended body of email text example.

Subject line

No Bid TSO Manager Requested USR – TA#### ECAS Id #####

Example body of email text

A No Bid due to **code #** has occurred for TA#### mark ##### in ECAS Id ##### and I am requesting a USR of \$???.?? m³ under section 6.1.1(2) of the CAM.

Jane Doe
TSO Manager, TSG

2. CAP appraisal staff;
 - a. catalogue the TSO manager email that is requesting TSO manger rate into the cutting authority appraisal 46 container in EDRMS,
 - b. complete necessary work, and
 - c. send a USR email to the TSO in-box.
3. BCTS advertises the TSL using the USR determined in step 2 of this section.
4. after award of TSL the submitting forest professional in the second pass processing;
 - a. in the ECAS42 – BC Timber Sales screen;
 - i. **must** active the **YES** radio button for Section 6.1.1(2) (outlined in red Figure 8-30), and

Figure 8-30 – Section 6.1(2) of CAM ECAS42 screen

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 VCU or director IUSR for this cutting authority: (\$/m³)

- ii. enter the per cubic metre amount (highlighted in yellow Figure 8-30) provided by CAP appraisal staff in their determined in step 2 of this section.

CRITICAL If this step is not completed properly then the BCTS staff member will have to work with CAP appraisal staff to complete a double tap. This is extra work to populate this required information!
 - b. complete all other steps required (see Second Pass section).
5. in the ECAS43 – Acknowledgement screen click the SUBMIT button to change the status,
6. ECAS96 - Comments screen provide that No Bid sale and appropriate code (ensure the specific code is provided).
7. CAP appraisal staff will complete stumpage rate determination process.

Anticipated No Bids Process

When the TSO manager does not anticipate that a TSL (never advertised before) will receive bids, the process is:

1. request USR, dependent upon circumstances, from the:
 - a. Director BC Timber Sales (Director BCTS) USR determination under section 6.1.1(1)(a) of CAM, or
 - b. timber pricing coordinator approval of a TSO manager rate under section 6.1.1(2) of CAM.
2. USR determination is emailed to TSO Office inbox by SDM in step 1,
3. SFP in the first pass in ECAS:
 - a. attaches the determination email from step 2 in the Miscellaneous section of the ECAS43 - Attachment screen (outlined in red Figure 8-29);
 - b. in the ECAS42 - BC Timber Sale screen if the TSL will have;
 - i. scale based billing
 - A. active YES radio button for section 6.1.1(1)(a) of CAM (outlined in blue Figure 8-31a), and
 - B. enter the USR determined in step 2 (highlighted in yellow Figure 8-31a).

Figure 8-31a – Section 6.1.1(1)(a) of CAM ECAS42 screen

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 VCU or director IUSR for this cutting authority: (\$/m³)

- ii. cruise based billing Lump Sum TSL:
 - A. active YES radio button for Section 6.1.1(5) (outlined in red Figure 8-31b), and
 - B. enter the USR determined in step 2 (highlighted in yellow Figure 8-31b).

Figure 8-31b – Section 6.1.1(5) of CAM ECAS42 screen

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 VCU or director IUSR for this cutting authority: (\$/m³)

NOTE If a Lump Sum TSL the 'Section 6.1.1.5' (outlined in red Figure 8-31b) MUST be selected even though it is a Director Rate determination.

- c. completed processing as per First Pass section of this module.

Disposition Agreement

A disposition agreement is when BC Timber Sales prepares and advertises a cutting authority(s) allowable annual cut (AAC) allocation from a First Nation tenure agreement or another source. A disposition agreement is generally a cruise based billing Lump Sum TSL with the upset stumpage rate (USR) set by director of BC Timber Sales. There are two types of disposition agreements, the:

1. single source Disposition Agreement where the volume is from a single First Nation tenure agreement or other source.
2. Bundled Disposition Agreement where there are multiple timber marks, and each timber mark is associated with a tenure agreement that the First Nation holds. It may also be that there is BC Timber Sale's AAC volume allocation, or another licensee.

Single Source Disposition Agreement

The single source of this type of disposition agreement is from a First Nation AAC allocation from a tenure agreement it holds or another licensee holds.

The process will be the same as for a Lump Sum TSL.

Bundled Disposition Agreement

Bundled disposition agreement has multiple timber marks (each timber mark will have its own ECAS Id) and its volume is combined into one advertisement package that the applicant will bid upon. Each timber mark ECAS Id will contain appraisal data elements specific to its cutting authority area. The reason for multiple ECAS Id / timber marks is so that the volumes harvested can be assigned/associated with the licence agreement for cut-control purposes and for revenue sharing with the First Nation. The only information that is the same in each ECAS Id / timber mark is the 'per cubic metre';

1. upset stumpage rate, and
2. bonus amount.

Decked and/or Partially Harvested Timber Cutting Authorities

BC Timber Sales decked and/or partially harvested timber sale cutting authorities currently do not require a first pass (other than for a TSO Manager requested rate) .

A TSO Manager requested upset stumpage rate (USR) is required under section 6.1.1(4) of Coast Appraisal Manual (CAM) for decked and/or partially harvested timber.

Populating the Decked Timber Sale Form (Coast)

Submission to Coast Area Pricing (CAP) appraisal section is done using the EXCEL spreadsheet 'BCTS *Decked TSL Form*' (Decked TSL Form) using the following instructions.

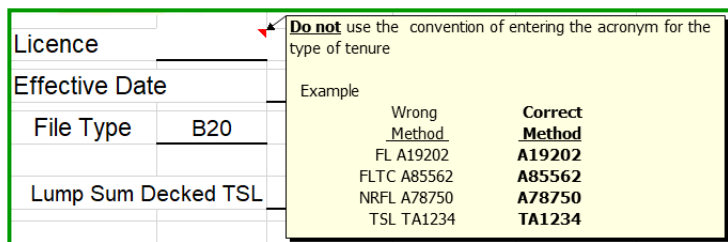
The EXCEL Decked TSL form can be obtained from the

<https://www2.gov.bc.ca/gov/content/industry/forestry/competitive-forest-industry/timber-pricing/coast-timber-pricing/coast-appraisal-data-submissions> Assistance is provided in this EXCEL spreadsheet for many cells that require data entry in the Decked TSL Form. Cells with 'Notes' are indicated by a red carrot in the top right-hand corner of the cell (outlined in blue in in Figure 8-32a). The 'Note' appear (Figure 8-32b) when you hover your mouse's cursor over the cell with a red carrot

Figure 8-32a – Cell Note Carrot



Figure 8-32b – Cell Note with Information for the cell



The process to populate the BC Timber Sale Decked Timber Sale Form is for:

1. **Cutting Authority Information** section contains the required appraisal data elements for ALL decked TSL (Figure 8-33) and includes:

Figure 8-33 – Cutting Authority Information of Decked TSL Form

BC TIMBER SALES - Coast
Decked & Partially Harvested Timber Sale

Licence **TA1234** Mark **A1234** Resource District **DSI**
 Effective Date 2022-01-28 TSA **38** TSB **38B**
 Reference Type **DPC** File Type B20 Total Net Volume 1,620.407 m3

3. **Auction Information** section of the awarded Decked TSL when it was tendered as:

Figure 8-35 – TSO Manager Request USR email

Cruise Based Billing	Yes	Total Lump Sum Upset Amount	\$101,747.20
Bonus Offer Collected	No	Lump Sum USR	\$62.79 per cubic metre
Bonus Amount	\$27,077.01	Bonus Amount	\$16.71 per cubic metre

a. lump sum TSL requires:

- i. Cruise based billing (highlighted in yellow Figure 8-35) is **YES**.
- ii. Total Lump Sum Upset Amount (outlined in red Figure 8-35) populate the USR from a whole amount (do not break down into per cubic metre) either from:
 - A. Director BC Timber Sales under section 6.1.1(a) of CAM, attach email containing approval, or
 - B. a request by the TSO manager under section 6.1.1(4) of CAM addressed to the SDM in CAP appraisal section. The email must be fresh email from the TSO Manager or someone who has written designation for section 6.1.1(4) of CAM.

NOTE The following email can be addressed to the individual preparing the email to CAP appraisal staff (see Figure 8-36).

Following is the recommended text and formatting of email

Subject line

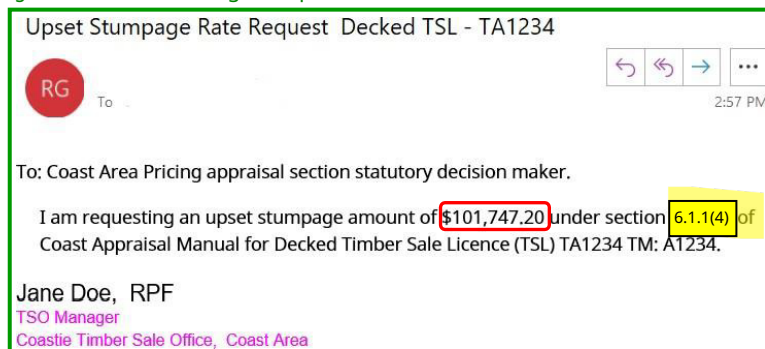
Upset Stumpage Rate Request Decked TSL- TA####

Example body of email text

To: Coast Area Pricing appraisal section statutory decision maker.

I am requesting an upset stumpage amount of \$###,###.## under section 6.1.1(4) of Coast Appraisal Manual for Decked Timber Sale Licence (TSL) TA### TM: A####.

Figure 8-36 – TSO Manager Request USR email



- iii. Lump Sum USR (outlined in purple Figure 8-37) is auto-populated using the 'Total Lump Sum Upset Amount' (outlined in red Figure 8-35) divided by the 'Total Net Volume' (outlined in light blue Figure 8-35).
- iv. Bonus offer collected (outlined in orange Figure 8-35) at issuance of cutting authority, this typically never occurs.
- NOTES
- Section 103(2) of the *Forest Act* requires a bonus offer to be collected at time of issuance.
 - This is why for a Lump Sum TSL it is a bonus amount that is collected, as the harvest is reported.
- v. Bonus Amount (outlined in blue Figure 8-35) is populated from the total dollar amount the successful applicant tendered. This is obtained from the "Application and Tender Form" (outlined in fuchsia Figure 8-37).

Figure 8-37 – Application and Tender Manager Request USR email

APPLICATION AND TENDER FOR TIMBER SALE LICENCE TA1234 UNDER SECTION 20 OF THE FOREST ACT		
This form of application and tender must be completed in full (do not leave any blank spaces) by the applicant and submitted to the Timber Sales Manager.		
I	Big Time Logging Outfit Ltd.	(250) 900-1234
	FULL LEGAL NAME (as per BCTS Certificate)	TELEPHONE NO.
	PO Box 12345, Sechelt, BC	V0N 2B2
	MAILING ADDRESS	POSTAL CODE
	Big_Time_Logging@gmail.com	
	EMAIL ADDRESS (OPTIONAL)	
1.	I make this Application and Tender and provide other information required in the Invitation for Applications (the Invitation) for the above stated timber sale Licence.	
2.	I have read and understand the Invitation, this Application and Tender for Timber Sale Licence TA1282 and the associated tender package contents.	
3.	I understand that:	
	a) the Timber Sale Licence area is Fully appraised with only one Timbermark, and	
	b) the Total Stumpage Value for this Licence is: \$101,747.20	
4.	I agree to pay the Total Stumpage Value stated above for all timber under this Licence.	
5.	I offer to pay to the government, in addition to other amounts payable under the <i>Forest Act</i> and the <i>Regulation</i> ,	
	a) stumpage under Part 7 of the <i>Forest Act</i> in respect to all grades of sawlogs cut under this Licence, and	
	b) a Bonus Offer in the amount of \$27,077.10	
6.	I will pay the deposits and charges upon request, and/or as specified in any applicable legislation, regulation or agreement.	

- vi. Per cubic metre Bonus Amount (outlined in fuchsia Figure 8-35) is auto-populated using the 'Bonus Amount' (outlined in blue Figure 8-35) divided by the 'Total Net Volume' (outlined in light blue Figure 8-33).
- vii. Proceed to step 4(a) for specific species, grade, volume, USR and bonus amount information process.

- b. Scale based billing, proceed to step 4(b) for species, grade, USR and bonus bid information process.

4. Species Grade and Volume Information section of the awarded Decked TSL form, when the cutting authority is a:

a. Cruise Based Billing (Lump Sum TSL), populate:

NOTE Species, volumes and grades must be provided by a coastal registered scaler!

Figure 8-38 – Species, Grade, Volume Coastal Registered Scaler Example

Location:	Fidler Gravel Pit, Gibsons, BC				
Timber Mark:	A1234				
Scaled by:	Johny Scaler				
Scaling Licence:	8884F				
Date:	2021-07-14				

Scaled				Total	
Species	Grade	Pieces	Volume	Pieces	Volume
AL	W	1	0.809	11	8.899
AL	X	1	0.514	7	3.598
CE	I	1	2.113	11	23.243
CE	J	5	4.952	56	55.462
CE	U	1	1.041	11	11.451
FI	C	1	3.292	12	39.504
FI	H	22	55.228	248	622.579
FI	I	11	22.232	124	250.616
FI	J	48	43.925	542	495.984
FI	U	5	3.371	56	37.755
HE	I	6	2.489	68	28.206
HE	J	4	3.894	34	33.099
HE	X	1	1.002	10	10.02
				1,190	1,620.407

i. each species, grade, volume combination (outlined in fuchsia Figure 8-39) in the scaler report (outlined in red Figure 8-38).

Figure 8-39 – Species, Grade, Volume Decked TSL Form

Species	Grade	Volume	USR	Bonus Amt
AL	W	8.899		
AL	X	3.598		
CE	I	23.243		
CE	J	55.462		
CE	U	11.451		
FI	C	39.504		
FI	H	622.579		
FI	I	250.616		
FI	J	495.984		
FI	U	37.755		
HE	I	28.206		
HE	J	33.099		
HE	X	10.020		

CRITICAL • DO NOT copy and past in EXCEL Decked TSL Form!

ii. **USR per cubic metre** (outlined in orange Figure 8- 40) from the Auction Information section (outlined in purple Figure 8-40 or 8-35) for each species & grade combination.

REMINDER The 'USR' per cubic metre amount is auto-calculated by the EXCEL Decked TSL form by dividing the 'Total Lump Sum Upset Amount' (outlined in red Figure 8-40 or 8-35) by the 'Total Net Volume' (outlined in light blue Figure 8-40 or 8-36).

iii. **Bonus Amt per cubic metre** (outlined in yellow Figure 8-40) from the Auction Information section (outlined in fuchsia Figure 8-40 or 8-35) for each species & grade combination.

REMINDER The 'Bonus Amt' per cubic metre amount (outlined in fuchsia Figure 8-40) is auto-calculated by the EXCEL Decked TSL form by dividing the 'Bonus Amount' (outlined in blue Figure 8-40) by the 'Total Net Volume' (outlined in light blue Figure 8-40 or 8-33).

Figure 8-40 – USR & Bonus Amount Decked TSL Form

Licence		TA1234	Mark		A1234	Resource District		DSC
Effective Date		2021/08/12	TSA		39	TSB		39B
File Type		B20	Total Net Volume		1,620,407	m3		
Cruise Based Billing		Yes	Total Lump Sum Upset Amount		\$101,747.20			
Bonus Offer Collected		No	Lump Sum USR		\$62.79	per cubic metre		
Bonus Amount		\$27,077.10	Bonus Amount		\$16.71	per cubic metre		
Species	Grade	Volume	USR (m3)	Bonus Amt				
AL	W	8.899	\$62.79	\$16.71				
AL	X	3.598	\$62.79	\$16.71				
CE	I	23.243	\$62.79	\$16.71				
CE	J	55.462	\$62.79	\$16.71				
CE	U	11.451	\$62.79	\$16.71				
FI	C	39.504	\$62.79	\$16.71				
FI	H	622.579	\$62.79	\$16.71				
FI	I	250.616	\$62.79	\$16.71				
FI	J	495.984	\$62.79	\$16.71				
FI	U	37.755	\$62.79	\$16.71				
HE	I	28.206	\$62.79	\$16.71				
HE	J	33.099	\$62.79	\$16.71				
HE	X	10.020	\$62.79	\$16.71				

- NOTES**
- deciduous species in a Lump Sum Decked TSL must have the same per cubic metre USR and Bonus Amt as coniferous.
 - Grade percentages are not acceptable!
 - Volumes by grade are required.
 - Species volumes and grades are only from the decked timber.
 - Partially harvested timber felled in setting or estimate of non-decked (stand timber as an example) is not acceptable!

b. Scale based for:

- i. cruise based billing (outlined in orange Figure 8-34b) is **NO**.
- ii. species of timber that are in the deck(s) populate:
 - NOTES • Decked cutting authorities that will be invoiced from scale information only, requires a qualified forest professional’s “estimate” of species and volumes.
 - The qualified forest professional or coastal licensed scaler must ensure that all species in the deck(s) are accounted for!

Figure 8-41 – Qualified Forest Professional Estimate of Species and Volume

Timber Mark: A1234
 Estimated by: Robert Glassford, RPF
 ABCFP #: 2734
 Date: 2021-07-14

After review the decks located in the Fidler Gravel Pit at Gibsons, BC I estimate the following species and rough volumes as being

Species	Volume	Species	Volume	Species	Volume
AL	22 m ³	BI	36 m ³	BA	386 m ³
CE	278 m ³	FI	74 m ³	HE	327 m ³
SP	18 m ³				
				Total	1,141 m ³

Robert Glassford, RPF

- A. grade enter “Ungraded ” (outlined in purple Figure 8-42a) from the drop down menu (outlined in orange Figure 8-42a) for each species (outlined in fuchsia Figure 8-41) in the professional estimate,

Figure 8-42a– Species Grade section of Decked TSL Form

Species	Grade	Volume	USR (m3)	Bonus Bid
AL	Ungraded	22.000		
BI	Ungraded	36.000		
BA				

- NOTES • Decked cutting authorities that will be invoiced from scale return information
- A qualified forest professional must ensure that all species in the deck(s) are accounted for!
 ⇒ Estimated volumes are not used for billing.

B. volume from a forest professional’s estimate (outlined in blue for AL and red for BI Figure 8-41) for each species in the deck,

Figure 8-42b– Species Grade section of Decked TSL Form

Species	Grade	Volume	USR (m3)	Bonus Bid
AL	Ungraded	22.000	\$1.00	
BI	Ungraded	36.000	\$1.00	
BA	Ungraded	386.000	\$22.37	
CE	Ungraded	278.000		
FL	Ungraded	74.000		

NOTE • deciduous USR (upset stumpage rate) must be \$1.00 per cubic meter (highlighted in yellow figure 8-43b) as these are statutory stumpage rates.

C. USR (outlined in fuchsia Figure 8-42b) that the BCTS TSO Manager has requested (outlined in blue Figure 8-43) and that it was advertised at (outlined in red Figure 8-44).

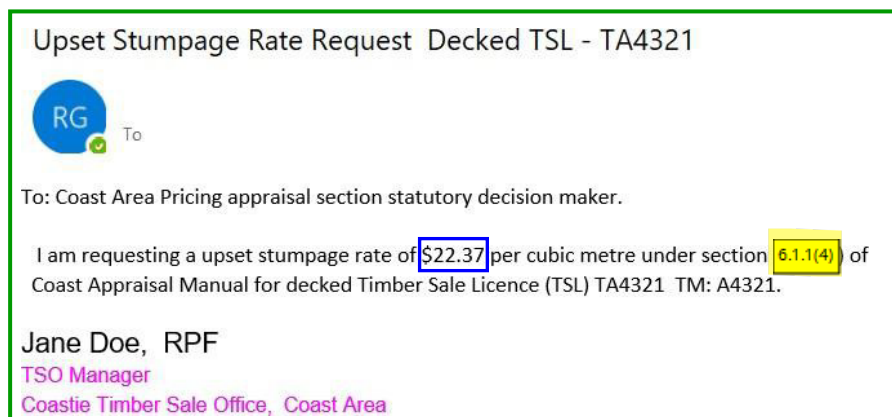
D. Bonus Bid (outlined in blue Figure 8-42c) from the ‘Application and Tender form’ (highlighted in yellow Figure 8-44) of successful applicant.

Figure 8-42c– Species Grade section of Decked TSL Form

Species	Grade	Volume	USR (m3)	Bonus Bid
AL	Ungraded	22.000	\$1.00	
BI	Ungraded	36.000	\$1.00	
BA	Ungraded	386.000	\$22.37	\$56.33
CE	Ungraded	278.000	\$22.37	
FL	Ungraded	74.000	\$22.37	

NOTE • Leave bonus bid blank for deciduous (outlined in purple Figure 8-42c) as bonus bid for scale based billing Decked TSL usually does not apply unless deciduous specifically advertised for a bonus bid!

Figure 8-43 – TSO Manager Requested USR email



NOTE • The TSO Manager requested USR (outlined in blue Figure 8-43) and the USR in the ‘Application and Tender Form’ (outlined in red Figure 8-44) must match!

Figure 8-44 – Species Grade section of Decked TSL Form

**APPLICATION AND TENDER FORM
TIMBER SALE LICENCE A
UNDER SECTION 20 OF THE FOREST ACT**

This form of application and tender must be completed in full by the applicant and submitted to the Timber Sales Manager.

I

FULL LEGAL NAME (as per BCTS Certificate) Box Port McNeill, BC INCORPORATION NO. 00 BCTS Reg.# VI N 2 0
 MAILING ADDRESS Box Port McNeill, BC POSTAL CODE VI N 2 0
 E-MAIL ADDRESS _____ TELEPHONE NO. 250- FAX NO. 250-

- I make this Application and Tender and provide other information required in the Invitation for Applications (the Invitation) for the above stated timber sale licence.
- I have read and understand the Invitation, this Application and Tender for Timber Sale Licence A95369 and the associated tender package contents.
- I understand that:
 - the Timber Sale Licence area is Fully appraised with only one Timbermark, and
 - the Upset Stumpage Rate for this licence is \$22.37 per cubic metre.
- I agree to pay the Upset Stumpage Rate stated above for sawlogs, and the prescribed rates for all other grades, for all timber cut and removed or assessed as waste under this licence.
- I offer to pay to the government, in addition to other amounts payable under the Forest Act and the Regulation,
 - stumpage under Part 7 of the Forest Act, and
 - a Bonus Bid in the amount of \$ 56.33 per cubic metre
- I will pay the deposits and charges upon request, and/or as specified in any applicable legislation, regulation or

E. Final Product of scale based billing Decked TSL see Figure 8-45

Figure 8-45 Final or Populated Decked TSL Form

**BC TIMBER SALES - Coast
Decked Timber Sale**

Licence TA4321 Mark A4321 Resource District DSI
 Effective Date 2022-03-28 TSA 38 TSB 38B
 Reference Type DKC File Type B20 Total Net Volume 1,141,000 m³
 Cruise Based Billing No

Species	Grade	Volume	USR (m ³)	Bonus Bid
AL	Ungraded	22.000	\$1.00	
BI	Ungraded	36.000	\$1.00	
BA	Ungraded	386.000	\$22.37	\$56.33
CE	Ungraded	278.000	\$22.37	\$56.33
FI	Ungraded	74.000	\$22.37	\$56.33
HE	Ungraded	327.000	\$22.37	\$56.33
SP	Ungraded	18.000	\$22.37	\$56.33

5. Validation of Accuracy for Lump Sum Decked TSL

Lump Sum Decked TSL information each species volume/grade information is critical for billing purposes, as the information from the licensed coastal scaler is used to generate invoices. To assist with validation of the volume input for each species volume/grade a quick check for the submitting forest professional has been provided.

For a Lump Sum Decked TSL:

Figure 8-46 – Validation Section of EXCEL Decked TSL Form

Volume inputed	1620.4
Volume Difference	0.0
Inputted Lump Sum USR	101745.92
USR Difference	-1.28
Inputted Bonus Offer Total	27,077.15
Bonus Offer Difference	0.00

- 'Volume Difference' (outlined in orange Figure 8-46) and the 'Bonus Offer Difference' (outlined in fuchsia Figure 8-46) all **MUST BE ZERO** for a Lump Sum Decked TSL!
- 'USR Difference' (outlined in red Figure 8-46) can vary because of rounding.

Decked and/or Partially Harvested TSL Form Process

First pass process

For BCTS decked and/or partially harvested timber sale the process for first pass is:

1. BCTS staff must ensure in the Forest Tenure Administration (FTA) application FTA100 – Tenure screen that the cutting authority 'Cruise Based' indicator (highlighted in yellow Figure 8-47) for:
 - a. scale based billing, is **NO**.
 - b. cruise based billing, is **YES**.

Note: it is likely scale based billing will be needed for partially harvested TSL's because of a lack of accurate cruise information available on felled and standing timber.

Figure 8-47 Cruise Based Billing Indicator FTA100 – Tenure screen

The screenshot shows the FTA100 – Tenure screen with the following fields and values:

- Location: [Empty]
- Sched B (ha): 86.1271
- BCTS Fund: [Y]*
- BCTS Org: TST - Seaward Timber Sales Off
- Mark: [Empty]
- Within Fibre Recovery Zone: [N]
- Quota Type: [Empty]
- Catastrophic: [N]
- Deciduous: [N]
- Cruise Based: [Y] (highlighted in yellow)
- Compliance Method: [0 - 100% Marking]*
- Instrument: [H - Hammer]*
- Land Region: [1 - VAN ISLAND]

2. request region records staff create the 46 appraisal container for the cutting authority (decked TSL, partially harvested TSL, or decked & partially harvested TSL) prior to TSO Manager sending email Requesting Upset Stumpage Rate to CAP appraisal staff member. This is done by:
 - a. compose email request providing all required records information (example in blue lettering).

FOR - **19620** - **46** **TSO Manager** **TA1234**

- NOTES
- Corporate Data Base (outlined in yellow).
 - primary number for licence agreement type (outlined in orange).
 - Secondary number for the appraisal container (outlined in purple).
 - Retrieval code information.
 - ⇒ Successful applicant or licensee (outlined in red)
 - ⇒ Cutting authority outlined in fuchsia

- b. Send email request to records staff
3. TSO Manager sends email to CAP appraisal staff make request.

NOTE

 - MUST be the TSO Manager making the IUSR requested!
4. BCTS TSO advertises after receipt of USR determination by CAP SDM.

Second Pass Process

The BCTS decked and/or partially harvested timber sale process for second pass is:

1. BCTS staff ensure that FTA application FTA100 – Tenure screen for cruise based billing has the cutting authority ‘Cruise Based’ indicator (highlighted in yellow Figure 8-47) for:
 - a. scale based billing, is **NO**.
 - b. cruise based billing, is **YES**.
2. compose email to CAP appraisal section, with contents for the decked timber TSL that is a:
 - a. cruise based billing (Lump Sum TSL):
 - i. a completed EXCEL BC Timber Sales Decked TSL form.
 - ii. the successful applicant’s Application and Tender sheet (as a pdf) that contains the:
 - A. upset stumpage amount total dollar.
 - B. bonus amount.

NOTE • Both upset stumpage and bonus amount are total dollar amount.
 - iii. Email of SDM approval response to Timber Sale Manager email requesting upset stumpage rate.

NOTE • The TSO Manager requests a upset stumpage amount!
• The TSO Manger has no authority to “approve” and upset stumpage rate/amount under section 6.1.14) of CAM.
 - iv. coastal licensed scaler’s report of the species & volume for each grade.
 - b. scale based billing:
 - i. a completed EXCEL BC Timber Sales Decked TSL form.
 - ii. the successful applicant’s Application and Tender sheet (as a pdf) that contains the:
 - A. upset stumpage rate (per cubic metre).
 - B. Bonus bid (per cubic metre).
 - iii. Attach either the;
 - A. upset stumpage rate determination email from the SDM, or
 - B. Timber Sale Manager email to SDM requesting upset stumpage rate if the upset stumpage rate is being requested under section 6.1.1(4) of CAM.

NOTE • The TSO Manager requests a upset stumpage amount!
 - iv. Qualified forest professional estimate of species and volume in the deck.

3. Email sent to the RCOAppStaff@gov.bc.ca
with a subject line predicated upon type
Decked TSL - TA#####
Partially Harvested TSL - TA#####
Decked & Partially Harvested TSL - TA#####
-

APPENDIX 8-1



Ministry of
Forests

Operations Division and
BC Timber Sales

MEMORANDUM

File: 21740-01

APR 11 2003

To: Regional Managers
BC Timber Sales Managers

From: Doug Konkin
Assistant Deputy Minister
Operations Division and BC Timber Sales

Re: Cruising, Appraisals and Waste Surveys on BC Timber Sales

The purpose of this memo is to clarify the roles of BC Timber Sales and Field Services in cruising, appraisals and waste surveys.

To that end, attached is a short paper outlining the responsibilities and roles.

Please ensure that this is communicated to all pertinent staff.

A handwritten signature in black ink, appearing to read "D. Konkin".

Doug Konkin
Assistant Deputy Minister
Operations Division and BC Timber Sales

Attachment



ROLES OF FIELD SERVICES AND BC TIMBER SALES

IN

CRUISING, APPRAISALS AND WASTE/RESIDUE

1. Cruising/Check Cruising

- BC Timber Sales (BCTS) will have an area cruised to the standards of the Provincial *Cruising Manual* as part of timber sale licence development (using staff or contractors). BCTS will provide Field Services with cruise plans so Field Services can arrange appropriate check cruises.
- BCTS will check the work for contract payment and, particularly, sample statistics and other key components of the sample to ensure that the BCTS mandate of credible benchmark for pricing is achievable and supported (i.e., meeting or exceeding all specified standards for sampling). BCTS checking will be based on a risk analysis.
- BCTS will forward completed cruise output summaries to Field Services staff at appropriate district office as part of appraisal data submission package.
- Field Services staff will check cruise BCTS cruising work based on *Timber Cruising Policy 11.7* and project service plan IPM.
- Regional timber pricing staff will not hold up rates because a check cruise has not been completed unless a significant concern has come to light such as unacceptable fieldwork or compilation or catastrophic damage to the stand of timber.
- Once a sale has been advertised and is open for bids, the upset rate will not be reappraised because of check cruising results.
- BCTS will adhere to the *Provincial Cruising Manual* in effect during the time of timber cruising and will correct cruising practices in response to check cruising advice from Field Services.

2. Appraisals

- BCTS staff will develop the appraisal information and submit it to the ministry district office specified in the appraisal manual via ECAS.
- Field services district staff will process the submission within an expected timeline.
- Data checking in the district will have a turnaround expectation of 20 working days maximum and rate generation, once the corrected/accurate package/ECAS submission reached the regional office, within 10 working days, if at all possible.
- To expand auction sales quickly to facilitate a resolution of the softwood lumber dispute, BCTS rate generation is a priority.

3. Waste/Residue Surveys

- BCTS will do waste and residue surveys to the standards established by ministry procedures. BCTS will provide Field Services with waste/residue survey plans so Field services can arrange appropriate field checks.

ROLES OF FIELD SERVICES AND BC TIMBER SALES

IN

CRUISING, APPRAISALS AND WASTE/RESIDUE

- BCTS will complete and waste and residue assessments through the use of staff or certified contractor.
- BCTS will inspect contract work for payment and adherence to standards established by ministry procedures.
- BCTS will submit the survey outputs or summaries, completed FS 72 forms to Field Services district offices specified by procedure.
- Field Services may review BCTS work on a risk basis.
- Field Services and Revenue Branch will establish waste and residue invoices, and send out.
- Timber Sale managers will address disputes on survey issues with timber sale licence holders.

APPENDIX 8-2

*** FOR APPRAISAL PURPOSES ***

Average Line Method
 BC TIMBER SALES
 Licence Number: BUNDLE CP:
 Project: THD
 Location : Village Island

Grades: MOF Computerized
 Computerized Decay
 Computerized Waste
 Computerized Breakage
 No Of Blocks : 6

Appraisal Summary Report
 FIZ: A
 PSYU: Kingcome
 Region: 2 - West Coast
 District: 06 - N. Island/C. Coast

12-Jan-2021 03:15:34PM
 Filename: combinednew.ccp
 Compiled by:
 Cruised by: STRATEGIC
 Version: 2020.00 IFS build 6318

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Utilization Levels:	Minimum DBH	Top Diameter	Stump Height
Mature Blocks: (cm)	17.5	15.0	30
Immature Blocks: (cm)	12.0	10.0	30
Standard Log Length: (m)	10.00		

Net Area: [All Treatment Units : 85.2]

All Method Summary

Algorithm Grades % Species Code Description	H	I	J	M	U	X	Y	Net Volume (m3)			Net Volume / ha		
								All	Live	DP	All	Live	DP
BA Balsam	20	5	50		16	9		3796	3234	562	44.552	37.957	6.595
CE Cedar	15	10	36	3	33	3		3575	3441	135	41.965	40.384	1.581
FI Doug-Fir	34	2	47		15	2		2079	1888	191	24.399	22.158	2.240
HE Hemlock	17	7	53		18	5		66951	65079	1872	785.808	763.832	21.976
SP Spruce	47	20	20		12	1		2665	2665	0	31.284	31.284	0.000
AL Alder					29		71	1050	759	290	12.320	8.913	3.406
Conifer	19	8	50		18	5		79066	76306	2760	928.008	895.615	32.392
Deciduous					29		71	1050	759	290	12.320	8.913	3.406
Total								80116	77066	3050	940.328	904.529	35.799

Harvesting Method Summaries

Harvest Method	Net Volume	Net Vol /Log	Net Vol /Hectare	Hem+ Bal%	Partial Cut%	Slope%	Down Tree%	Heavy Fire%
CC	13189	0.45	976.930	90		47	2	0
SC	66927	0.45	933.435	88		28	2	0
Conventional Methods	80116	0.45	940.328	88		31	2	0
All Methods	80116	0.45	940.328	88			2	0

Cutting Authority

95% Confidence Interval	6.4
Plots/Ha	2.0
Cruised Trees/Plot	4.4
Net 2nd Growth-Conifer %	89.5
Net 2nd Growth-Conifer (m3)	70753
Net Immature by Block %	700: 91%
Non Heli Select Conifer (m3/ha)	928.01
Heli Select Total (decimal)	0.00
Heli+Skyline Total (decimal)	0.00
Piece Size - Conifer (m3/log)	0.45
Cruise Date (yy-mm):	19-07

