

File: 280-20/195-30/CAPP

OCT 25 2001

To: Regional Managers - Coast

From: The Honourable Michael de Jong
Minister of Forests

Re: Amendment No. 3 to the *Coast Appraisal Manual*

I hereby approve Amendment No. 3 to the *Coast Appraisal Manual* and attach a copy for your use.

Section 2.2 has been revised to require the coast appraisal data submission to be signed and sealed by a registered professional forester.

The data submission has been amended to include a signature block for a registered professional forester.



This amendment will come into force on November 1, 2001. Further amendments or revisions to this manual require my approval.

A handwritten signature in black ink, appearing to read "M. de Jong".

Michael de Jong
Minister of Forests

Attachment

pc: Bill Howard, Director, Revenue Branch

All Subscribers, *Coast Appraisal Manual*



FOR FURTHER INFORMATION CONTACT:

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MANUAL TITLE

Coast Appraisal Manual

REVISION No.

3

ISSUE DATE

November 1, 2001

PUBLICATIONS CO-ORDINATOR

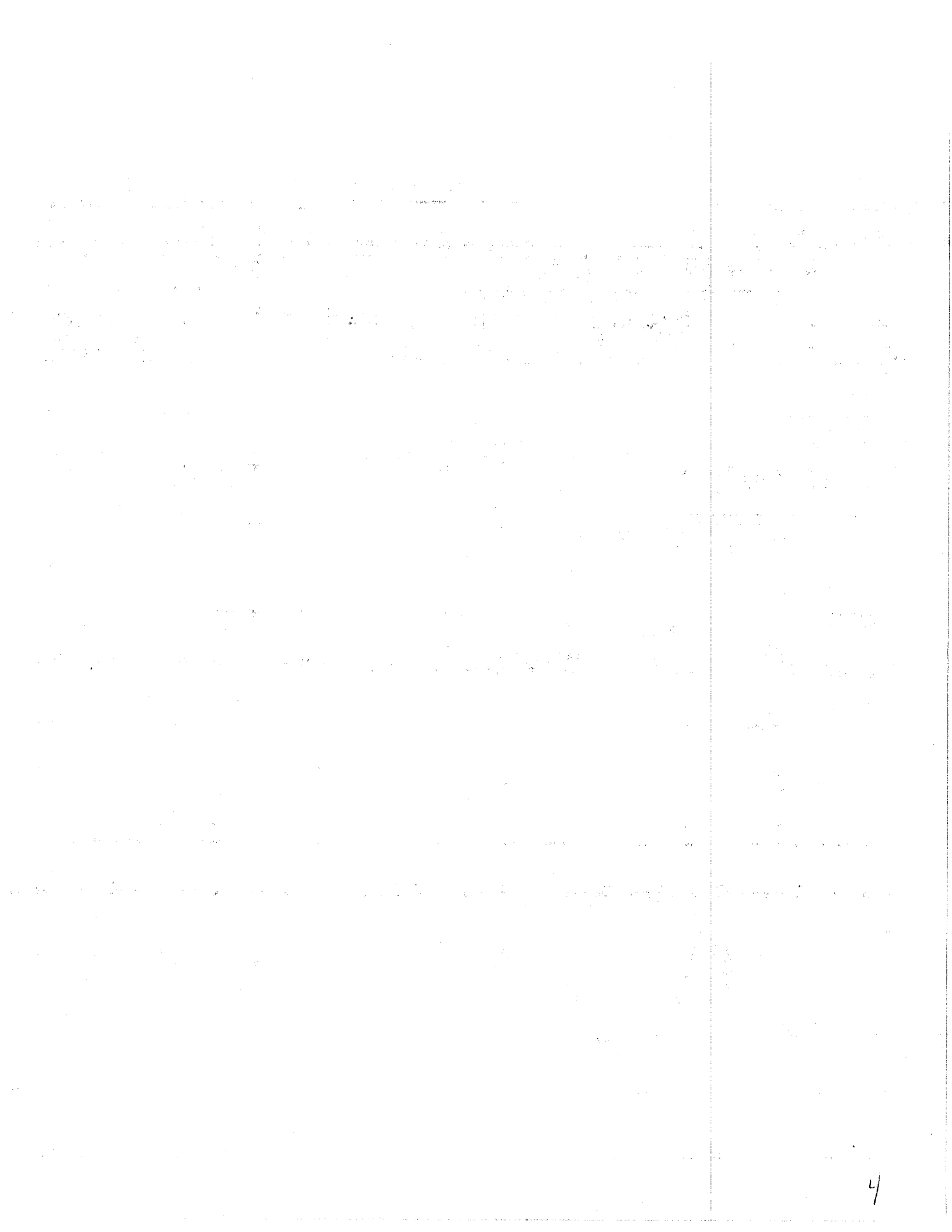
Judy Laton
Revenue Branch

AUTHORIZATION (Name, Title)

W. Howard
Director, Revenue Branch

Please make the following changes to your copy of the above Ministry manual. Please insert the following specified pages and **file this notice** immediately after the Amendments Tab.

ACTION (Remove/Insert)	(VOL.) CHAPTER-SECTION-SUBJECT	PAGE(S)	COMMENTS
Remove	Chapter 2 – Appraisal Principles and Procedures	2-3, 2-4, 2-7, 2-8	
Insert	Chapter 2 – Appraisal Principles and Procedures	2-3, 2-4, 2-7, 2-8	
Remove	Chapter 4 – Operating Cost Estimation	4-3, 4-4, 4-29, 4-30	
Insert	Chapter 4 – Operating Cost Estimation	4-3, 4-4, 4-29, 4-30	
Remove	Chapter 6 – Miscellaneous Timber Pricing Policies	6-3, 6-4	
Insert	Chapter 6 – Miscellaneous Timber Pricing Policies	6-3, 6-4	
Remove	Index	All	
Insert	Index	All	
Remove	Coast Appraisal Data Sheet	All	
Insert	Coast Appraisal Data Submission	All	
Insert	Control Sheet	1	New sheet to accompany the Coast Appraisal Data Submission form.



2.2 Time Schedule and Procedure - Appraisals and Reappraisals

Timeliness is an important factor in the stumpage appraisals and reappraisals. The procedures are as follows.

1. For each appraisal:

- a. The licensee shall submit a Coast Appraisal Data Submission to the District Manager, and relevant supporting information requested by the District Manager. The Submission must be signed and sealed by a Professional Forester registered in the Province of British Columbia (the "professional forester").

If the submission indicates that an aerial system will be used to harvest some of the timber, the District Manager may require the licensee to complete and submit the appraisal least cost assessment page of the Coast Appraisal Data Submission for both aerial and ground cable harvesting systems. A least cost assessment will not be required if the District Manager determines that an aerial harvesting system is the only harvest system that manages and conserves the forest resource.

- b. The District Manager may review the Submission and notify the professional forester, in writing, of any omissions, or provisions of the *Coast Appraisal Manual* that the professional forester may not have considered. The professional forester will consider the District Manager's notification, and can revise the Submission.
- c. The District Manager, if in agreement with the Submission, signs the Submission control sheet and forwards the Coast Appraisal Data Submission to the revenue section of the regional office.

2. For each reappraisal:

- a. The licensee shall submit a Coast Appraisal Data Submission to the District Manager, and relevant supporting information requested by the District Manager. The Submission must be signed and sealed by a professional forester registered in the Province of British Columbia. The Submission must be received by the District Manager at least 45 calendar days prior to the anniversary date of the cutting authority.

- b. The District Manager may review the Submission and notify the professional forester, in writing, of any omissions, or provisions of the *Coast Appraisal Manual* that the professional forester may not have considered. The professional forester will consider the District Manager's notification, and can revise the Submission.
 - c. The District Manager, if in agreement with the Submission, signs the Submission control sheet and forwards the Coast Appraisal Data Submission to the revenue section of the regional office.
3. For each appraisal and reappraisal:
- a. Regional revenue staff may review the Submission and notify the professional forester and District Manager, in writing, of any omissions, or provisions of the *Coast Appraisal Manual* that may not have been considered. The professional forester will consider the notification, and may revise the Submission. The appraisal officer will then determine or redetermine the stumpage rate.

If an aerial harvesting system is proposed and the licensee did not complete and submit the appraisal least cost assessment pages as requested, the appraisal officer will appraise or reappraise the cutting authority area using data and procedures in this manual for the harvesting and transport system that has the least total cost, and other appraisal information available at the time the appraisal or reappraisal is done.

- b. Regional revenue staff will notify the licensee, in writing in the form of a stumpage advisory notice, of the stumpage rate and provide a summary of the information used to determine or redetermine the stumpage rate.
- c. Within three (3) weeks of the date of the stumpage advisory notice, the licensee may notify regional revenue staff, in writing, of any objection to the information contained in the stumpage advisory notice that could be resolved without a review or appeal. The written objection must state the grounds for objection as well as a statement describing the relief requested. At this point, the objection is not considered a review or appeal under the *Forest Act* (Section 143 to 150).
- d. Regional revenue staff will notify the licensee, in writing, if the objection referred to in Section 3 above, cannot be resolved. In this notification, the regional revenue staff will indicate that the 3 week time requirement for notice for review specified in Section 144 (3) of the *Forest Act*, will commence upon receipt of this notification.

A reappraisal directed by the Minister of Forests, may be a re-estimation of Operating Cost, Log Grade Percentages, or Selling Price, or any combination of them, as may be directed by the Minister of Forests.

The Minister of Forests may direct that a reappraisal be made using the Market Pricing System.

5. Mathematical Error

- a. If a government employee or contractor in the Ministry of Forests or a licensee (or employee or contractor of a licensee) becomes aware of what is or probably is a mathematical error in a stumpage determination, that person shall give written notice of the error ("the Notice") as follows:
 - i. in the case of appraisals and reappraisals, to the appropriate Regional Manager, and
 - ii. in the case of quarterly adjustments, to the Director, Revenue Branch,
- b. the Notice shall describe the stumpage determination or determinations involved and shall describe the nature and cause of the error to the extent reasonably possible,
- c. upon receipt of the Notice, the Regional Manager or the Director, Revenue Branch, shall make the appropriate investigation to decide whether or not an error has, in fact, been made,
- d. if the Regional Manager or the Director, Revenue Branch decides that an error has not been made, then they shall notify the person who sent the Notice of the decision and the reasons for it,
- e. if the Regional Manager or Director, Revenue Branch decides that an error has been made, then the following shall occur:
 - i. the Regional Manager or the Director, Revenue Branch shall notify the person who sent the Notice of the decision and the reasons for it,
 - ii. the Regional Manager or the Director, Revenue Branch shall take reasonable steps to ensure that all licensees who have been affected by the error are informed of the Notice and of the nature and cause of the error,
 - iii. the cutting authority or authorities under which the error was made shall be reappraised or the quarterly stumpage adjustment recalculated to correct the error unless the cutting authority, the appraisal manual or the application and tender for a timber sale licence, specified that the stumpage rate is fixed, and

- iv. the effective date of the redetermined rate shall be the first day of the month following the date on which the Notice was received by the Regional Manager or the Director, Revenue Branch,
- f. if an error has occurred and no Notice has been given with respect to it, the Notice shall be deemed to have been given on the date on which the Regional Manager or the Director, Revenue Branch became aware of the error or probable error,
- g. no person who discovers or otherwise becomes aware of a mathematical error in a stumpage determination shall be obliged to send the Notice as required herein if that person, on reasonable grounds, believes that someone else has sent the Notice with respect to the same error,
- h. the redetermined rate does not apply to timber scaled before the first of the month following the date upon which the Notice was given. No remedy will be available with respect to timber scaled before the first of the month,
- i. in this section, a mathematical error is any of the following:
 - i. an error in transcribing or compiling approved cruise field data, or in the application of approved loss factors and taper equations,
 - ii. an error in log grade source or in transcribing the log grade data from an approved Appraisal Data Submission,
 - iii. an error in performing the calculations specified in the manual,
 - iv. an error in the application of published quarterly appraisal parameters,

A difference between cruise estimates and actual timber quality or quantity does not constitute an error.

A difference between appraisal estimates of selling price or operating cost and the licensee's experience does not constitute an error.

Omissions of data by the licensee on an approved Appraisal Data Submission do not constitute an error.

4.1.1 Specified Operations

In addition to the logging phases and systems that are covered by this manual, there are specified operations which require special cost estimates.

The following is a complete list of specified operations for which certain cost phase estimates are based on the information on hand rather than on the tables and formulas in this manual. Specified operation cost estimates are combined with associated *Coast Appraisal Manual* phase cost estimates to determine the total operating cost for the cutting authority being appraised.

SPECIFIED OPERATIONS	AFFECTED PHASE
A-frame Logging	Tree-to-Truck (Section 4.4)
Balloon Logging	Tree-to-Truck (Section 4.4)
Blowdown Timber	Tree-to-Truck (Section 4.4)
Partial Harvesting	Tree-to-Truck (Section 4.4)
Salvage Logging	Tree-to Truck (Section 4.4)
Skyline Logging	Tree-to Truck (Section 4.4)
Tree Crown Modification	Tree-to-Truck (Section 4.4)
Lake Transportation	Log Transportation (Section 4.5)
Skidder Swinging	Log Transportation (Section 4.5)
Towing to Tie-up Grounds (over 10 km Distance)	Log Transportation (Section 4.5)
Camp Moves (of greater than 10 km)	Administration and Other Costs (Section 4.6) except Helicopter Logging
Destumping for Root Disease Control	Administration and Other Costs (Section 4.6)

The specified operations phase costs are monitored and updated by the regional manager and may not be part of the annual cost collection and analysis process.

4.2 Appraisal Data Requirements

The cruise and all other pertinent information required for the appraisal must be submitted with the appropriate *COAST APPRAISAL DATA SUBMISSION*.

Unless otherwise specified by the Director, Revenue Branch, cruise data must be gathered and compiled according to the approved utilization specifications and in accordance with the following Ministry of Forests publications:

- Ministry of Forests Provincial Cruising Manual,
- Cruise Compilation Design Manual,
- Forest Service Policies (e.g., Timber Utilization Policy & Procedures for the Coast of the Province), and
- Regional Publications (e.g., Operational Cruising Requirements in the Vancouver and Prince Rupert Forest Regions).

In order to verify the accuracy of the cruise compilation program, the licensee must provide, on request, photocopies of the tally sheets and a magnetic copy of the compilation in a format prescribed by the regional manager.

The appraisal uses the net cruise volume of timber. The net cruise volume (m^3) is the gross volume (m^3) less decay, waste and breakage for all the species listed in Section 3.3. The cutting authority total net cruise volume is determined by multiplying the net cruise volume per hectare (m^3/ha) by the total merchantable timbered area (ha) to be harvested under the cutting authority. The total merchantable timbered area is determined from the cruise summary if available.

If the application for a cutting authority is subsequently modified, the cruise submission must be recompiled by the applicant when more than five percent of the total number of compiled plots used in the cruise submission lie outside the boundaries established for the initial appraisal of the cutting authority.

Each reappraisal uses the net cruise volume by species determined by adjusting the original cruise volume on the basis of approved amendments since the last appraisal.

Plots located in areas requiring helicopter logging or specified operations are included in the cruise compilation calculation of conventional logging.

Table 4-8: Barging Cost Estimates

Code	Point of Origin	P/A	\$/m3	Code	Point of Origin	P/A	\$/m3
BACK	BARR CREEK	A	5.11	BOIN	BOSWELL INLET /SECURITY BAY	G	6.30
BLBY	BLOWHOLE BAY	A	4.85	CAIS	CAMPBELL ISLAND	G	7.00
CLCK	CLEAGH CREEK	A	5.82	DIBY	DINAN BAY	G	10.47
COHA	COAL HARBOUR	A	5.99	ELHA	ELCHO HARBOUR	G	7.12
CYRV	CYPRE RIVER	A	4.32	FEBY	FERGUSON BAY	G	10.37
EAIN	EASY INLET	A	5.32	RIIH	HEAD OF RIVERS INLET	G	6.58
ESIN	ESPINOSA INLET	A	5.13	SBEH	HEAD OF SOUTH BENTINCK ARM	G	7.54
GORV	GOLD RIVER	A	4.90	HNRV	HONNA RIVER	G	9.58
HEBY	HEAD BAY	A	4.83	KMBY	KEMANO BAY	G	8.78
BESH	HEAD OF BEDWELL SOUND	A	4.40	KHIN	KHUTZEMATEEN INLET	G	9.77
HENO	HECATE CHANNEL - NOOTKA	A	4.86				
HOLB	HOLBERG	A	6.20	KIMS	KIMSQUIT	G	7.63
HORV	HOUSTON RIVER	A	4.79	KLEM	KLEMTU	G	7.36
HUCK	HUSHAMU	A	6.07	KUIN	KUMEALON INLET	G	8.85
INGE	INGERSOLL	A	5.84	KWBY	KWATNA BAY/MINERVA CREEK	G	7.03
JELA	JEUNE LANDING	A	5.97	KWRV	KWINAMASS RIVER	G	9.73
KEIN	KENDRICK INLET	A	4.75	MCBY	McCLINTON BAY	G	10.52
KOHA	KOPRINO HARBOUR	A	5.73	MOIN	MOSES INLET/INRIG BAY	G	6.58
KUCV	KULTUS COVE	A	5.88	NAHA	NADEN HARBOUR	G	10.24
MCCK	McCURDY CREEK	A	4.87	NABY	NASS BAY	G	9.94
MORV	MOOYAH RIVER	A	4.75	NORV	NOOTUM RIVER	G	6.71
OUIV	OUOUKINSH INLET	A	5.39	OCFA	OCEAN FALLS	G	7.03
PLHA	PLUMPER HARBOUR	A	4.70	POIS	PORCHER ISLAND	G	9.08
PTL	PORT ELIZA	A	5.00	PRRU	PRINCE RUPERT	G	9.19
RACV	RANKIN COVE	A	4.51	RESO	RENNELL SOUND	G	9.62
STCV	STEAMER COVE	A	4.42	REPA	RENNERS PASSAGE	G	9.60
TLRV	TLUPANA RIVER	A	4.81	SCRV	SCOTIA RIVER	G	10.22
TSRV	TSOWWIN	A	4.79	SWIN	SEWELL INLET	G	9.17
WIHA	WINTER HARBOUR	A	5.73	SKIN	SKIDEGATE INLET	G	9.55
ZEBA	ZEBALLOS	A	5.20	SOBY	SOUTH BAY	G	9.62
ALAR	ALICE ARM	G	10.35	STEW	STEWART	G	10.62
ALBY	ALLIFORD BAY	G	9.55	TASU	TASU SOUND	G	9.14
BEAN	BEATTIE ANCHORAGE	G	9.13	TUIN	TUCK INLET	G	9.28
BECO	BELLA COOLA	G	7.35	WECK	WEEWANIE CREEK	G	8.46
BIBY	BISHOP BAY	G	8.16	WOCH	WORK CHANNEL	G	9.77

Note: P/A = Point of Appraisal as defined on the previous page.

* Includes river towing.

4.5.3 Routine Maintenance and Deactivation

Routine maintenance includes grading, brush control, minor surfacing repairs, sanding, snowplowing, ditch maintenance and repair, replacement of culverts ≤ 0.9 m on active roads, slough removal and all deactivation costs.

Routine maintenance also includes minor repairs to roads due to slides, erosion and flood damage. All road use charges except those recognized in Section 4.5.4 are also included.

The cost estimate for all routine maintenance carried out on logging operations, including roads required for basic silviculture and protection, depends on the geographic location of the cutting authority area. Cost estimates do not apply where there are no roads to be maintained.

The routine maintenance and deactivation cost estimates (\$/m³) by Forest District are:

Zone 1 (North)

Queen Charlotte Mid Coast	North Coast Port McNeill
<hr/>	
Total Cost Estimate =	\$2.33/m ³

Zone 2 (South)

Sunshine Coast Campbell River South Island	Squamish Chilliwack
<hr/>	
Total Cost Estimate =	\$2.42/m ³

4.5.4 Road and Land Use Charges

Prior to a stumpage appraisal cost estimate being used in any appraisal, the licensee must:

- submit a completed "Request for Approval of a Road Use Charge" form with the Coast Appraisal Data Submission,
- submit a complete copy of the fully executed road use agreement document,
- ensure the term of the road use agreement is fully within the appraisal period,

6.2 Cutting Authorities With 5 000 m³ or Less Volume

1. Total Volume of less than 2 000 m³

a. Average Value Indexes by District and Species (DVI)

An indicated stumpage rate may be determined by estimating the species volumes, prorating the appropriate Average Value Indexes by District and Species according to those volumes, and then using the resulting stand value index in the stumpage rate formula as described under Section 5.6. For cutting authorities where the licensee is not required to establish a free growing crop of trees, the Value Indexes must be adjusted by adding a basic silviculture cost estimate (District Average Value Indexes are based on full appraisals of areas requiring basic silviculture). The total stumpage rate is fixed for the term of the cutting authority (for extensions see Section 2.4.4).

The upset stumpage rate for cutting authorities with 500 m³ or less volume, awarded under the small scale salvage program, will be one-half the DVI calculated stumpage rate.

b. Full Appraisal

Alternatively, an indicated stumpage rate may be determined through a full appraisal. The stand data may be site-specific or obtained from one or more comparable cutting authority areas (e.g., similar stand and terrain characteristics, etc.) and is recorded on a Coast Appraisal Data Submission. The total stumpage rate is adjustable for the term of the cutting authority, except as provided in Section 6.4.

Each full appraisal is made as described in Chapters 3, 4 and 5.

2. Total Volume of 2 000 to 5 000 m³

An indicated stumpage rate is determined on the basis of full appraisal data. The data may be site-specific or the data may be obtained from comparable cutting authority areas, as determined by the Regional Manager.

Each appraisal is made as described in Chapters 3, 4 and 5.

These sales are cruised if specified by the Regional Manager in accordance with Section 4.2 of this manual.

The total stumpage rate is adjustable for the term of the cutting authority, except as provided in Section 6.4.

6.3 Partially Harvested Timber

In the case of decked timber, or timber which has been felled and bucked, such as on rights-of-way, and the volume exceeds 300 m³, a full cost estimate appraisal is completed on an "as is, where is" basis.

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COAST APPRAISAL DATA SUBMISSION

Licence _____ Permit _____ Mark _____

ACKNOWLEDGEMENTS

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

Registered Professional Forester:

Name:	R.P.F.	RPF's Signature and Seal:
R.P.F. #:		
Phone: ()		
Fax: ()		
E-mail Address:		
Date (ccyy/mm/dd):		

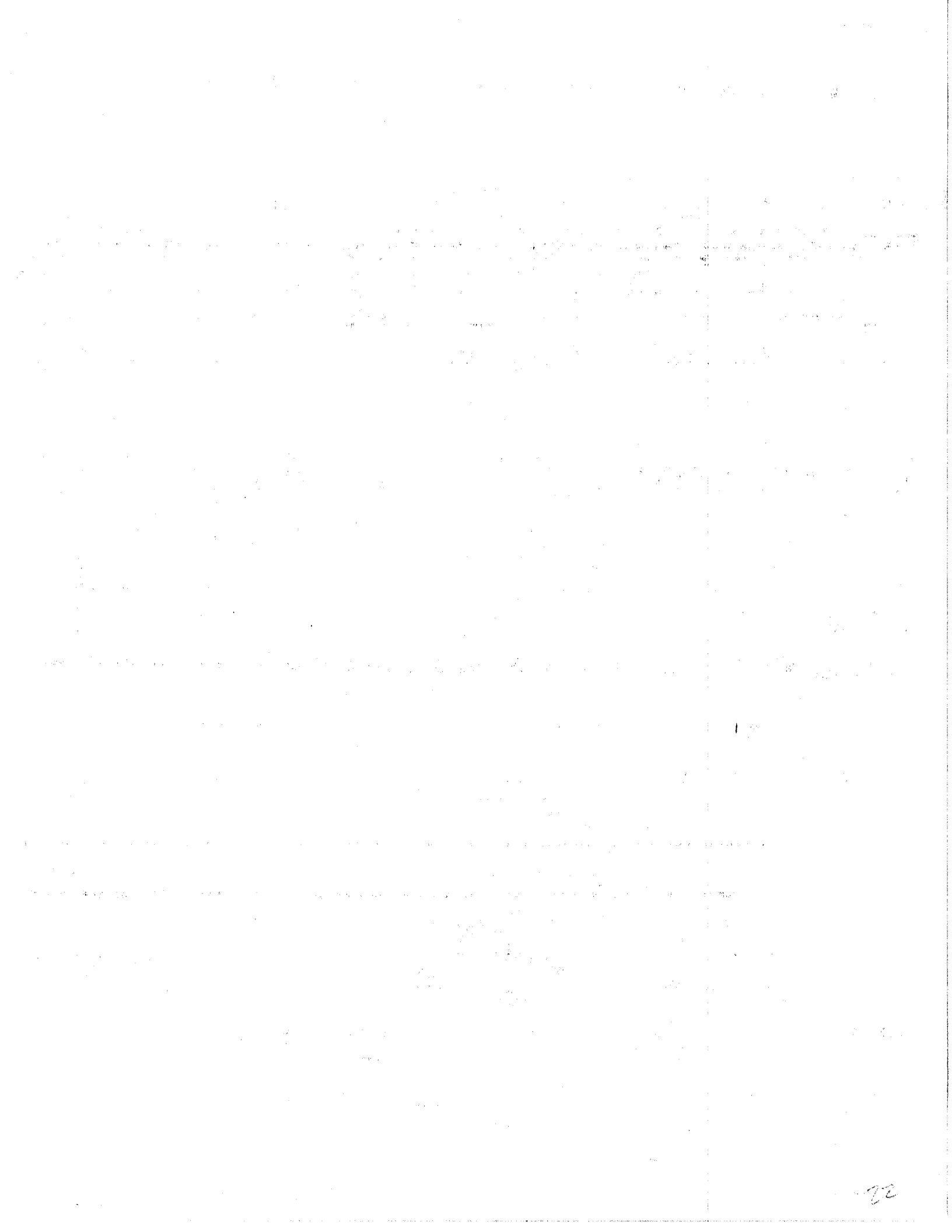
The information contained in this package may be released under the *Freedom of Information and Protection of Privacy Act*.

COAST APPRAISAL DATA SUBMISSION

Reference Information

(must be completed for all appraisal submissions)

Administrative Forest District									
Geographic Forest District					Management Unit Type (TSA, TFL, WL, TL, WSL)				
TSA Name (Mandatory)					TSB Name (Mandatory)				
Location					Licensee				
Effective Date CCYY/MM/DD					(1) Initial Merchantable Area (record to nearest 0.1 ha)				ha
Check One	☐	New Appraisal			Amendments Since First Appraisal				
	☐	Reappraisal			Block	Approval Date	Additions	Deletions	
	☐	Extension							
Appraisal Expiry Date (CCYY/MM/DD)									ha
				m ³					ha
Total Net Cruise Volume									ha
				m ³					ha
Net Cruise Mark Volume									ha
Mark	Mark Cruise Volume		Mark	Mark Cruise Volume		Mark	Mark Cruise Volume		
	m ³			m ³			m ³		
	m ³			m ³			m ³		
Point of Appraisal (Use one of the below)					Totals				ha
ALBE = Alberni GAMB = Gambier Isl		PIRV = Pitt River Bridge CHEM = Chemainus			(2) Net Amendments				ha
Is There Specified Operation(s)					(3) Total Merchantable Area (0.1) (1) +/- (2):				
☐ Yes		☐ No							ha
See Section 4.11, Coast Appraisal Manual									
REMOTE (Isolated) MPS only					(4) Area Logged *				
☐ Yes		☐ No							ha
Rate Calculation Method					Area Unlogged (3 minus 4)				
☐ CVP		☐ MPS							ha
Attach Additional Data Requested on Specified Operations Data Sheet									
*Projected estimate as of Reappraisal Date									



COAST APPRAISAL DATA SUBMISSION

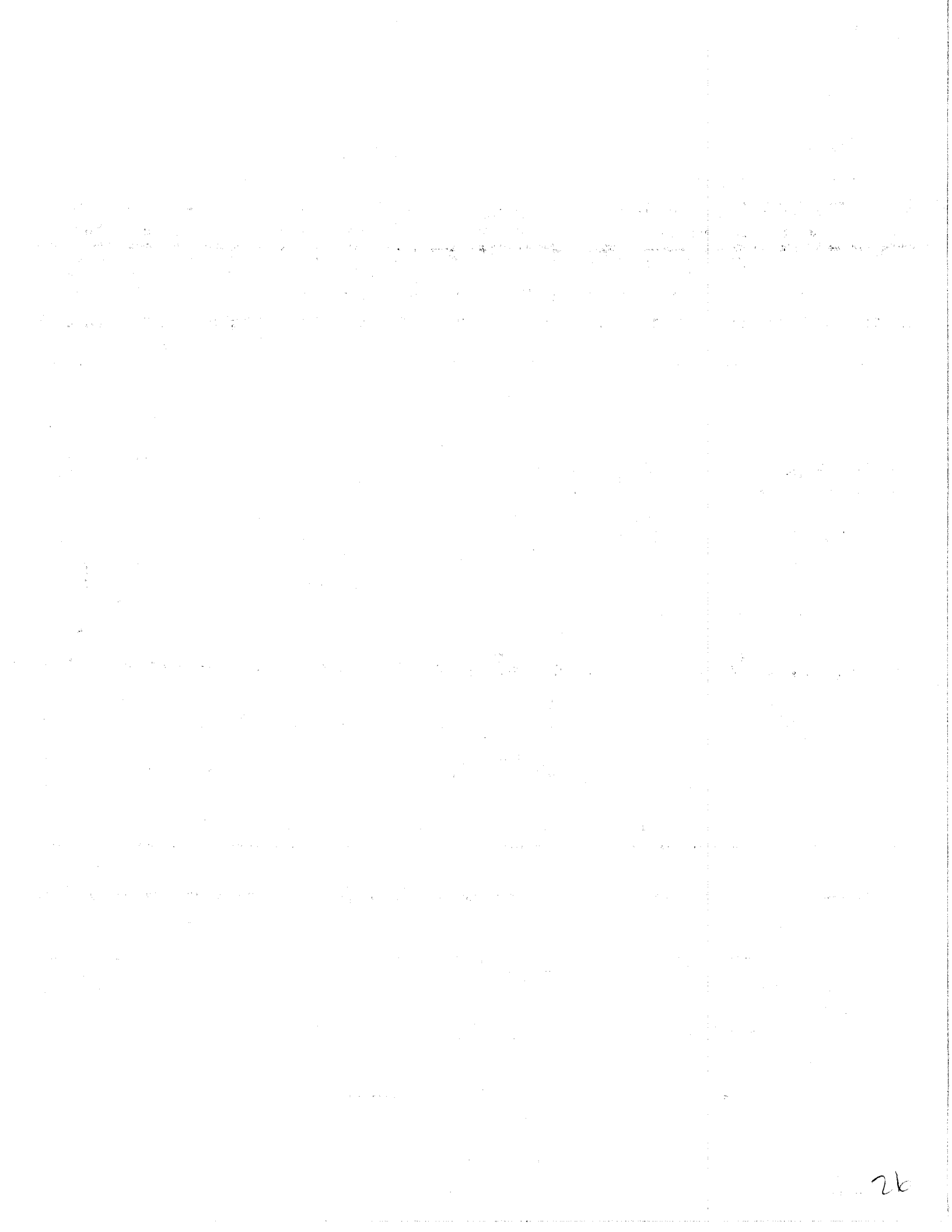
LOG GRADE SHEET

LICENCE:	PARTIAL HARVEST CRUISE GRADES		NET VOLUME SECOND GROWTH CONIFEROUS m ³
PERMIT:	☐ YES ☐ NO		
MARKS:	PARTIAL HARVEST BLOCK VOLUME(S) (Sum where block retention level >30%) m ³	BILLING PERIOD	
GRADE SOURCE	☐ CRUISE ☐ HISTORIC	IS SECOND GROWTH CONIFEROUS VOLUME ≥ 80% OF TOTAL ☐ YES ☐ NO	

GRADE (%) (Region to complete)

Species	Peeler		Lumber				Sawlog				Shingle			Util.		Chip	Total Net Cruise Volume By Species (nearest 1.0 m ³) (Licensee)	Grade Source Level (Region)	Competitive Indicator (Y/N) (Region)
	B	C	D	E	F	G	H	I	J	K	L	M		U	X	Y			
Alder *														100					
Balsam																			
Cedar																			
Cottonwood														100					
Cypress																			
Fir																			
Hemlock																			
Lodgepole																			
Spruce																			
White Pine																			
TOTAL NET VOLUME																			

SELLING PRICE ZONE	VOLUME Maple _____ m ³	Birch _____ m ³	_____ m ³	TOTAL NET VOLUME	* ADD MAPLE AND BIRCH VOLUME TO ALDER ** NO DECIDUOUS IN MPS
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COAST APPRAISAL DATA SUBMISSION		
CREW TRANSPORTATION ONE WAY DISTANCE (nearest 0.1 KM) (C.A.M. SECTION 4.6.2) km		AIRFARE ALLOWANCE? ☐ YES ☐ NO
LOCATION DESCRIPTION (Designated marshalling area, community, camp, vehicle storage area or wharf). (C.A.M. SECTION 4.6.3) ☐ ACCESSIBLE ☐ ISOLATED		Where logging crews must be flown in/out of camp for crew changes. FREIGHT BY AIR/WATER? ☐ YES ☐ NO Where all freight in/out of the camp must be shipped via air or Water (not by road).
SPECIFIED OPERATION (Description)	COST \$/m ³	BUNKHOUSE/COOKHOUSE ☐ YES ☐ NO Facilities must either exist or be under construction and over 80% of the logging crew must reside in the camp.
NEW CONSTRUCTION – TABULAR ROADS (C.A.M. SECTION 4.3)		
IS THERE TABULAR ROAD CONSTRUCTION? ☐ YES ☐ NO If yes, complete details on Page 8. Attach extra pages if required.		TOTAL ROAD LENGTH (sum of all tabular road section lengths, to nearest 0.001 km) km
H – LENGTH AS A PERCENT OF TOTAL ROCK LENGTH GREATER THAN 90% ☐ 90% OR LESS ☐		

Development – New Construction – Drainage Structures

* Bridge Types: L = Log P = Permanent or Portable
 ** Appraisal Year – First year the cost was put in an appraisal/reappraisal.

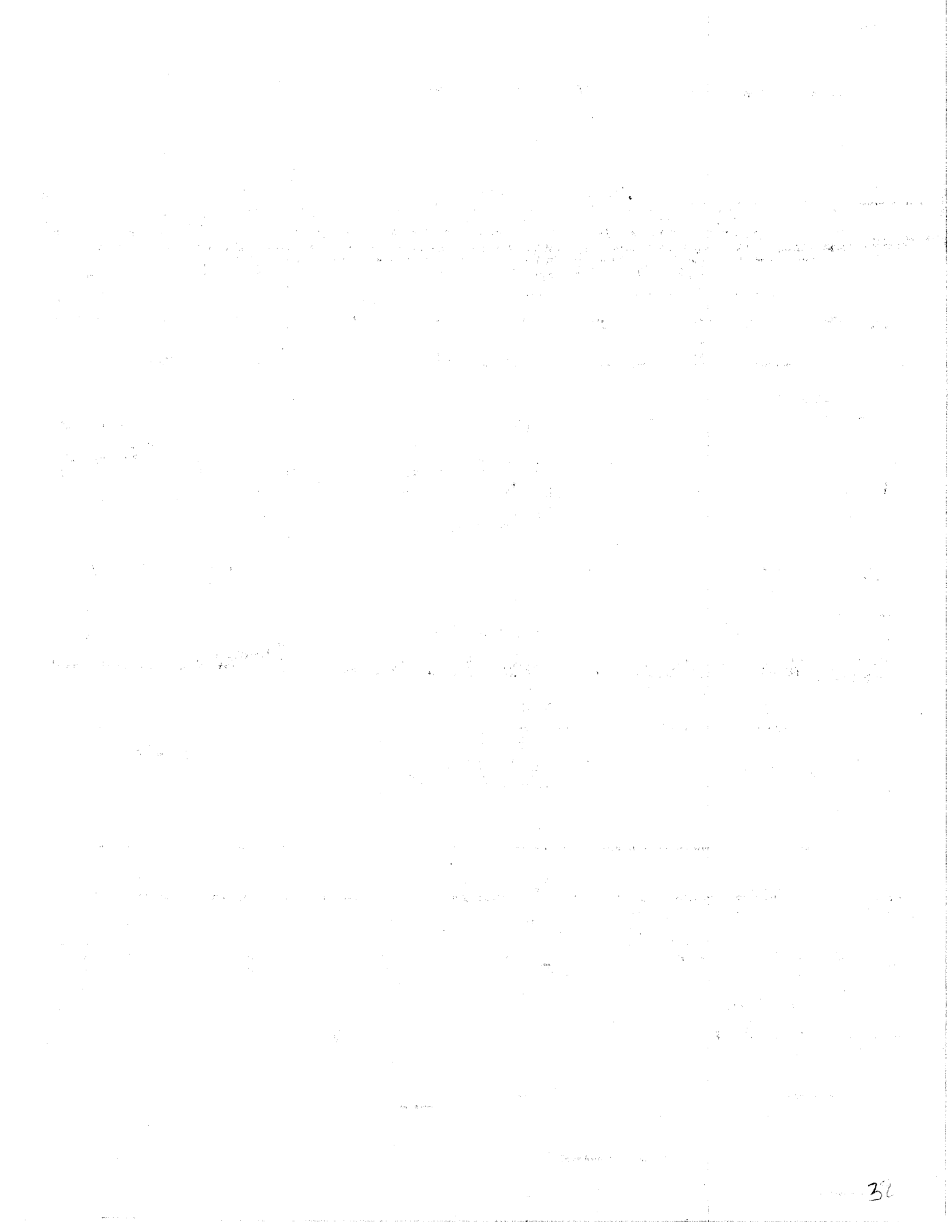
Road I.D.	Stn #	Bridge Type *L/P	Crib Height (m)	Span Length (m)	Total Cost (\$)	Crown Portion		Applicable Volume m ³ (Region)	Appraisal Year **	Comments	Section Built Y/N
						%	\$				
Barging (if applicable)											
				Total \$							

COAST APPRAISAL DATA SUBMISSION OPERATING COST INFORMATION

* Appraisal Year – First year the cost was put in an appraisal/reappraisal.

Development – Drainage Structures (Culverts)

CIRCULAR TYPE		CROWN PORTION		Applicable Volume (m ³) (REGION)	Appraisal Year *	Unit Cost Lineal Metre (\$/m)	Total Cost (\$)	Comments
Diameter (m)	Total Length For Diameter	Percent (%)	Cost (\$)					
0.3								
0.4								
0.5								
0.6								
0.7								
0.8								
0.9								
1.0								
1.2								
1.4								
1.6								
1.8								
Wooden								
0.3								
0.4								
0.5								
0.6								
0.7								
0.8								
0.9								
1.0								
1.2								
1.4								
1.6								
1.8								
Wooden								



Development – Tabular Roads

C.P.

- Uphill slide slope = Average for the section length
- If RMC = 5 or more than 60 % of the section, then section = H (hard)
- Trucking Distance if less than 100 m = zero
- If stabilizing material trucked in, then RMC is for the Source material

COAST APPRAISAL DATA SUBMISSION

Development (attach Cost Estimate Form)

* Appraisal Year – First year the cost was put in an appraisal / reappraisal

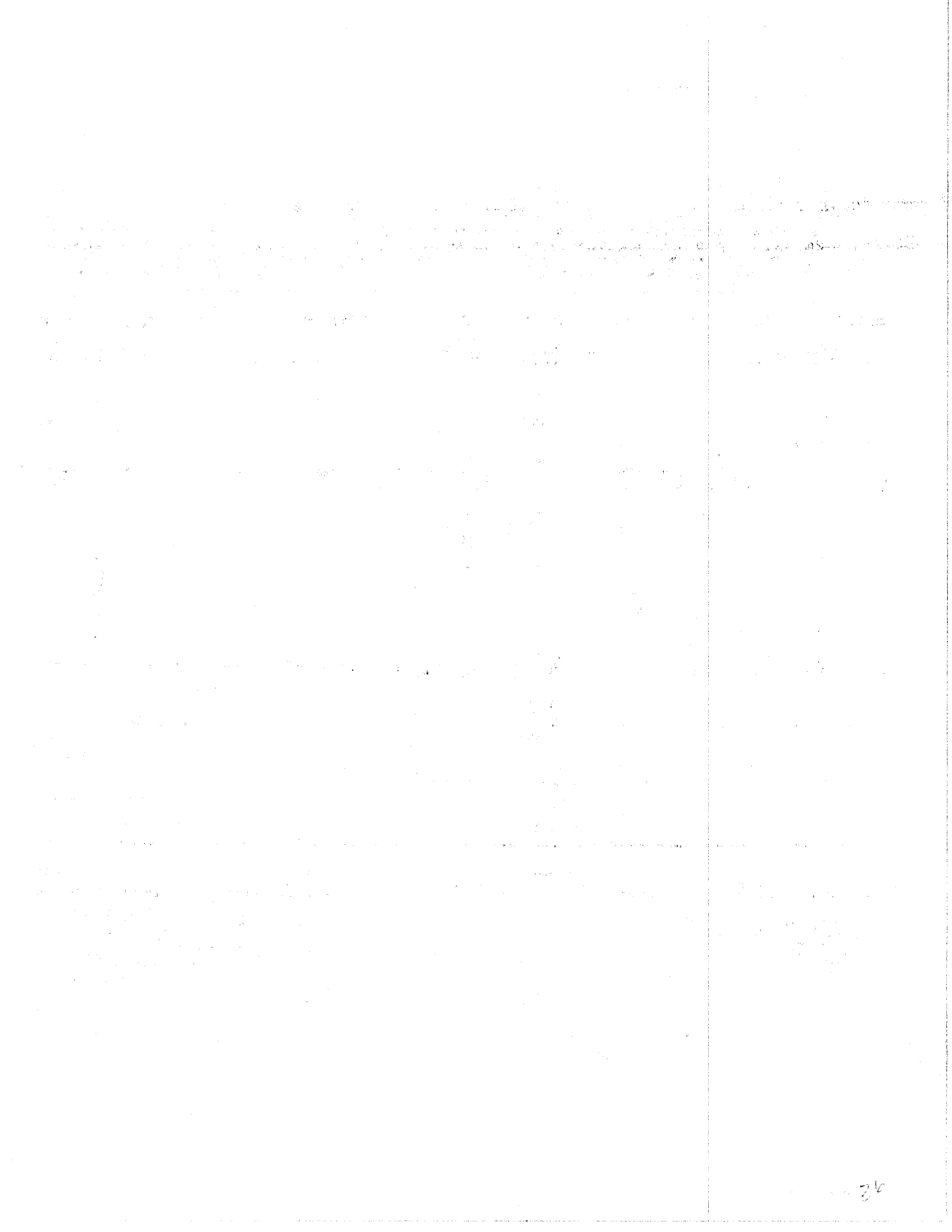
New Construction

Identity Road Name and Road Stn	Length (km)	Total Cost \$	Crown		Applicable Volume (m ³) (Region)	Appraisal Year *	Comments	Section Built Y/N	Cost Estimate Applicable Attachment #
			% Portion	\$					
Total		\$		\$					

Development – Reconstruction and Replacement Roads and Bridges (Tabular and Engineered) (attach Construction Estimate Form)

Identity Road Name And Road Stn	Reconstruction Project Description	Bridges		Total Cost (\$)	Crown Portion		Applicable Volume (m ³) (Region)	Appraisal Year *	Comments	Section Built Y/N	Cost Estimate Applicable Attachment #
		Crib Height (m)	Span Length (m)		%	\$					
			Total	\$		\$					

Note: For bridge structural repair, complete crib height and span length.
List in project description (bridge structural repair, road construction, etc.).



COAST APPRAISAL DATA SUBMISSION

Total Road Length to be Constructed by Licensee (S.B.F.E.P. only)

(Nearest .001 km)

**COMPLETE THE FOLLOWING TO ESTIMATE DEVELOPMENT PROJECT COSTS
PROVIDE DATA FROM ROAD PROJECT SUBMISSION SUBMISSION FORM IN DISTRICT RECORDS**

Year 1 = Fiscal Year	Road Name
Road Project No.	Length <div style="text-align: right;">km</div>
Total Timber Volume Developed m³ Volume Allocation $\frac{(\text{TSL Vol})}{(\text{Total Vol})} \times 100$ %	Total Appraisal Road Cost Estimate (July 1/99) \$ Allocated Road Cost for Cutting Authority (transfer to Allocated Development Table below) \$

S.B.F.E.P. DEVELOPMENT PROJECT

Project Identity	Length km	Total Cost July 1/99 \$	Volume Allocation %	Allocated Development Cost \$	Comments

Development Levy Applicable

☐ Yes

☐ No

District Manager

If no, require approval by District Manager or designate to set Levy for Section 20 sales to equal zero.
Note: Levies are not applicable under the Market Pricing System.

(C.A.M. SECTION 4.8)

Is Basic Silviculture Required?

☐ Yes

☐ No

District Manager

Silviculture Levy Applicable

☐ Yes

☐ No

If no, require approval by District Manager or designate to set Levy for Section 20 sales to equal zero.
Note: Levies are not applicable under the Market Pricing System.

COAST APPRAISAL DATA SUBMISSION

Licensee	District
Location	

Licence		Cutting Permit		Total Volume	m ³
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Fill in the licence, cutting permit and total volume of the cutting permit that is being submitted.

Total Cost for current Cutting Permit	\$	Cost per cubic metre	\$/m ³
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Fill in the total cost and amount per cubic metre for the cutting permit that is being submitted.

One Time Cost	\$	Cost per km per m ³	\$/m3/km	Total Cost ⁽¹⁾	\$
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Cost per Year	\$/yr	Cost per m ³	\$/m ³	Length of Agreement	yrs
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Fill in the appropriate cost methods from the Road Use Agreement as well as the total value and the length of the signed Road Use Charges agreement.

- Fill in each cutting permit that already has a portion of the Road Use Charge.
- Fill in this cutting permit's portion of the Road Use Charge.
- Fill in any known future cutting permits that will have a portion of this Road Use Charge.
- If the future cutting permits are not known then place the remaining cost in as an "Unknown" cutting permit.
- The 'Total (2)' of the table below must match Total Cost (1)' of the Summary of Agreement Information.
- Enter Yes or No as to whether the cutting authority has been appraised or not.

[illegible]

COAST APPRAISAL DATA SUBMISSION

Provide details of how the per cubic metre charge that will be entered onto page 4 of the Coast Appraisal Data Submission (CADS) was determined. This calculation must show the steps from the costs in the agreement (or on Page 11) get to the per cubic metre charge that is to entered onto page 4 of CADS.

Attachments	It is mandatory to attach a copy of maps showing the agreement and a copy of the signed agreement.	☐	Map	☐	Agreement for Charges
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Approved by (Regional Manager or designated official)		Date	
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Comments

Pages 11, 12 and a copy of the Road Use Agreement must be submitted in advance of the cutting permit/ appraisal package submission!

Cutblock Blending

[illegible]Page 13

COAST APPRAISAL DATA SUBMISSION				
LEAST COST ASSESSMENT				
Description of Options (Note differences by phase)				
OPTION 1:				
OPTION 2:				
Phases (do not complete for phases that are the same for both options)	Option 1		Option 2	
	Applicable Volume(m ³)	(\$/m ³)	Applicable Volume(m ³)	(\$/m ³)
Development Costs:				
New Construction				- as per Section 4.3
Reconstruction/Replacement				- as per Section 4.3
Tree-to-Truck:				
Conventional Logging				- as per Section 4.4.1
Helicopter Logging				- as per Section 4.1.1
Specified Operation				- as per Section 4.1.1
Log Transportation:				
Truck Hauling				- as per Section 4.5.1
Water Transportation:				
Dump, Sort, Boom and Scale				- as per Section 4.5.2.1
Towing/Barging				- as per Section 4.5.2.2
Road Use Charges				- as per Section 4.5.4
Administration and Other Costs:				
Crew Transportation				- as per Section 4.6.2
Camp Overhead				- as per Section 4.6.3
TOTAL (\$/m³)				
Comments Regarding Physical/Economic Feasibility:				
Comments Regarding Legislative Requirements:				
Option Selected: ☐ Option 1 ☐ Option 2				
BY SIGNING I VERIFY THIS ASSESSMENT IS CONSISTENT WITH SECTION 4.1 OF THE COAST APPRAISAL MANUAL				
Name: (Please Print)		Licensee: (Please Print)		
Licensee's Representative: (Signature)		Date:	Phone:	
Approved by (District Manager)		Date:		
Comments				

COAST APPRAISAL DATA SUBMISSION**Control Sheet**

Licence _____ Permit _____ Mark _____

Forest District				
Receipt of Submission in District Office		CCYY	Date MM	DD
Data Submission Reviewed By: (Print Name)	Signature:	CCYY	Date MM	DD
Comments:				
Forest Region Appraisal Staff				
Reviewed by (Name):	CCYY	Date MM	DD	

