



November 18, 2003

All Subscribers, *Interior Appraisal Manual*

**Re: Amendment No. 8, *Interior Appraisal Manual*, Additional Pages**

Attached are the missing manual pages, and highlights document from the amendment No. 8 package sent recently.

Please add the manual pages after page 4-26, and the highlights document under the amendments tab of your manual.

Yours truly,

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Publications Co-ordinator  
Revenue Branch

Attachments





# Interior Appraisal Manual – Amendment No. 8 Highlights

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The Interior Appraisal Manual Amendment No. 8 includes the following changes:

- Section 2.2 (2)                      Appraisal Procedure. The change formalizes the requirement for a map as part of the appraisal data submission submitted with a cutting permit application.
- Section 2.3.1(1)                    Changed Circumstances. The change clarifies that a request for a reappraisal as a result of a changed circumstance includes the revised data and map.
- Section 2.4(1)                      Changed Circumstances Reappraisal Procedure. The change clarifies that a map is to be submitted with the appraisal data submission.
- Section 2.5                          Fixed Rate and Extention of Term. The change includes clarification on when woodlot stumpage rates are adjusted.
- Section 2.6                          Point of Appraisal. The change removes the specific references to a “sawmill”. In addition, there is a notification that a moratorium exists on any changes to the existing list of points of appraisal and a stipulation that measurements of cycle time to those points of appraisal in Table 2-1 as of October 1, 2003, can continue as valid.
- Section 4.2                          Appraisal Data Requirements. The section is updated with the new term “standard timber merchantability specifications”, and references to items that no longer exist are removed. It also indicates that a map is to be submitted with an appraisal data submission.

Section 4.3(2)(b)	Development. The change removes the reference to “obligatory utilization of deciduous timber”. It also defines the applicable volume as including the deciduous volume where the licence requires harvesting in deciduous stands.
Section 4.3.1.1.4	Existing Roads and Structures. The change clarifies that certain winter roads are not considered as "existing" roads for appraisals.
Section 4.3.1.1.5	Extended Road Amortization. The change implements clarification and new criteria regarding the revisiting of the apportioned costs. The reference to CVP and the woodlot specific provisions have been removed.
Section 4.3.2.6	Cattle Guards, Remedial Fences and Pipeline Crossings. The change adds a reference to pipeline crossings that was previously omitted.
Section 4.3.3(1)	Detailed Engineering Cost Estimates. The change removes the reference to the “Main Roads Access Policy” from the engineering cost estimate for new construction and upgrading. The reference to upgrading is removed and it also introduces and defines the term “long term primary access roads”.
Section 4.4.2	Tree-to-Truck Variables. The change removes the reference to mandatory deciduous utilization. It also stipulates that all applicable variables include the deciduous volume where the licence requires harvesting in deciduous stands.
Section 4.10	Manufacturing Cost Estimates. The change removes the references to a sawmill and clarifies that certain dewatering costs are part of the manufacturing cost estimate.
Section 6.5	BC Timber Sales. The changes clarify when stumpage rates for timber sale licences are fixed.
Section 7.2.1	MPS Appraisals. The change adds new text that stipulates all Section 20, timber sale licences advertised on or after November 1, 2003 will have fixed stumpage rates for the term of the licence and all extentions.

- Section 7.2.2                      MPS Stumpage Adjustments. The change indicates cutting authorities awarded or advertised prior to November 1, 2003 that have or elected to have adjustable stumpage rates, that those stumpage rates continue to be adjusted quarterly.
- Appendix III                      Lumber Recovery Factors. The change deletes the appendix as the information is included in the *Cruise Compilation Manual*.
- Appendix V                      Map Content Requirements. The change adds a new appendix to the manual containing the specific data requirements for maps submitted with an appraisal data submission.

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Where a partial cut is comprised of openings of less than 1 hectare in size, the PCUT percent is based on the cumulative volume of these openings divided by the volume of the block area surrounding them.

The percent partial cut is determined as:

$$PCUT = \frac{\text{Net cruise volume required to be removed using a partial cut system}}{\text{Total net cruise volume on the area where Partial Cutting is required}} * 100\%$$

(except if partial cut percent  $\geq 90\%$  then PCUT = 0).

b. Partial cut dummy variable (DPCUT)

DPCUT = 1 if partial cut percent is greater than 0 and less than 90, otherwise DPCUT = 0.

6. Distance to Support Centre (DS)

Accessible cutting authorities: (see section 4.8.2), the one-way distance to support centre is the distance over continuous road access from the geographic centre of the cutting authority to the main post office (or other location designated by the regional appraisal coordinator) in a community from the following list. The distance to support centre includes the distance covered by a daily barge or ferry service. Where there is more than one block in the cutting authority, the weighted average distance to support centre must be calculated using the individual distances and the individual block volumes. Where more than one alternative is possible, the least cost alternative is used. The distance is measured to the nearest kilometre. The following is a list of communities by forest region.

**Northern Interior Forest Region**

Burns Lake	Kitwanga	Smithers	Terrace
Houston	New Hazelton	Stewart	Prince George
Kitimat	Fort St. James	Fraser Lake	Fort St. John
Chetwynd	Fort Nelson	Mackenzie	Dawson Creek
			Vanderhoof

**Southern Interior Forest Region**

Boston Bar	Kamloops	Merritt	Salmon Arm
Clearwater	Kelowna	Pemberton	Vernon
Hope	Lillooet	Penticton	Nakusp
Canal Flats	Creston	Grand Forks	Nelson
Castlegar	Fernie	Greenwood	Revelstoke
Cranbrook	Golden	Invermere	100 Mile House
McBride	Valemount	Princeton	Quesnel
Williams Lake			

For isolated cutting authorities (see section 4.8.2), the distance to support centre is the one-way road distance from the geographic centre of the cutting authority to the isolated camp or where there is no isolated camp, to a community from the list above. Where more than one alternative is possible, the least cost alternative is used. The distance is measured to the nearest kilometre.

The following distance variables are included:

- NEWDIST200 = 0 IF DS ≤ 100 km  
 = (DS-100) if DS > 100 km and ≤ 200 km  
 = 100 if DS > 200 km
- NEWDIST250 = 0 if DS ≤ 100 km  
 = (DS-100) if DS > 100 km and ≤ 250 km  
 = 150 if DS > 250 km
- DIST200S150 = 0 if DS ≤ 150 km  
 = (DS-150) if DS > 150 km and ≤ 200 km  
 = 50 if DS > 200 km

#### 7. Volume per Tree (VOLTREE)

The average net cruise volume per tree ( $m^3$ ), rounded to two decimals. For partial cutting, it is based on the trees to be harvested.

#### 8. Gross Volume per Tree (GVOL)

Gross volume per tree ( $m^3$ ) is computed as:  $VOLTREE / (1 - \text{defect \%} / 100)$ .

Where:

Defect is the estimate of decay, waste and breakage (DWB) percent of the coniferous gross volume from the cruise summary for the trees to be harvested. Where utilization of deciduous volume is mandatory under the licence, defect percent is taken from the stand volume of the cruise summary. Defect percent is recorded to the nearest whole percentage point for appraisal calculation purposes.

#### 9. Small Tree Volume (SMALL TREEVOL)

SMALLTREEVOL = Average net merchantable volume ( $m^3$ ) per tree if  $< 0.34 m^3/\text{tree}$ . If  $\geq 0.34 m^3/\text{tree}$  SMALLTREEVOL = 0.