



Marking	Ribbon	Paint
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The following standards apply to all field marking (boundaries, locations, plots, etc.) completed for BCTS – Stuart-Nechako Business Area.

General











Unless otherwise specified, the following procedures apply:

- all ribbon must be winter grade, unless otherwise specified
- paint and ribbons must be a minimum of 1.5 metres from ground level
- ribbons must be attached at a frequency such that the previous and next ribbons are visible (ie. intervisible)
- ribbons must be attached to the bole of trees if available – use ribbon ‘gates’ with ribbon hung in centre where trees aren’t close enough for proper marking
- one of the ribbon ‘tails’ must be a minimum of 18 inches in length (where applicable, ribbon tails must be facing ‘in’ or ‘townside’ for centrelines)
- where ribbons must be labelled (not pre-printed ribbon), must use permanent black marker
- altered paint marking must be **black-painted** to the extent necessary to remove visibility from new boundary

Access

Reconnaissance road or trail	Centreline marked with:		N/A
	Ribbon labelled with road identifier and station identification. Mark control points with metal tags detailing control point#, station, bearing and horizontal distance from proposed centreline. Can use summer weight ribbon.		
Access and on-block road	Centreline marked with:		N/A
	POC & POT marked with:		
	Road junction marked with:		
Alternately, at POC, POT and junctions, hang a ribbon ‘gate’ (consists of one ribbon tied to span two trees at least 1.5 m above and parallel to the ground). Metal Tags (or gate ribbon); Mark POC, POT and reference points with Road Identifier, station#, date, and crew (initials). At junctions, include details of direction on metal tag.			



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Access road R/W and R/W landing	Boundary marked with:		N/A
	POC & POT of R/W landings marked with: Mark POC and POT ribbon of R/W landing with Landing Identifier, road station#, date, and crew (initials).	(3) 	4-sided blaze 
On-block landing	Landing centre (adjacent to road) marked with: Ribbon labelled with landing identifier.	(3) 	N/A
Stream/drainage crossing, skid bridge	Centre of stream/drainage crossing marked with: Mark centre of stream/drainage with red ribbon at 2-metre intervals upto 10 metres from road/stream crossing (up and down stream). Where applicable, harvest boundary or machine free zone should also be marked accordingly to permit the crossing.	 & 	N/A
Harvest Area			
Harvest boundary	Boundary marked with:		
	Falling corner (GPS station/reference point) marked with: Avoid paint/ribbon on shrub species, immature trees and dead/danger trees, where possible. Ribbon can also be labelled Block Bdry or equivalent. Metal Tags: Mark tie-point (initial FC), falling corners and significant direction changes with TSL/block# or block identifier, FC#, date, and crew (initials).	 & 	4-sided blaze at tie-point (initial FC), falling corners and significant direction changes.
Machine free zone (MFZ)	Boundary marked with: Where MFZ ribbon joins with Harvest boundary (or other boundary ribbon), hang a ribbon 'gate' (consists of one ribbon tied to span two trees at least 1.5 m above and parallel to the ground).		N/A



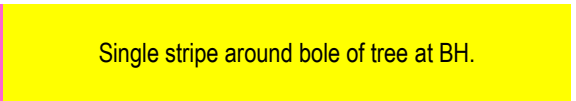
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Excavated/bladed skid trail Centreline marked with: Ribbon labelled with POC, POT as applicable.	SKID TRAIL	N/A
Harvest units Boundary marked with: Ribbon labelled with 'harvest type' where appropriate.	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #FF8C00; width: 40px; height: 20px; margin-right: 5px;"></div> & <div style="background-color: #4169E1; width: 40px; height: 20px; margin-left: 5px;"></div> </div>	N/A
Deflection lines Line marked with: Station markers marked with: Blue ribbon labelled at POC, POT and station markers with D-line identifier information, direction and horizontal distance.	<div style="background-color: #FFFF00; width: 100%; height: 20px; margin-bottom: 10px;">D-LINE</div> <div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #FFFF00; width: 40px; height: 20px; margin-right: 5px;"></div> & <div style="background-color: #4169E1; width: 40px; height: 20px; margin-left: 5px;"></div> </div>	N/A
Mark to cut (for selection system) Bole of trees to be cut marked with:	N/A	Single stripe at BH.
Mark to leave (for selection system) Bole and base of tree to be left marked with:	N/A	Single stripe at BH and spot at base of tree.
Forest Health		
Probe lines POC, POT & station markers marked with: Inter-station marked with:	<div style="background-color: #90EE90; width: 40px; height: 20px; margin-bottom: 5px; display: flex; align-items: center; justify-content: center;">(2)</div> <div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #FFFF00; width: 40px; height: 20px; margin-right: 5px;"></div> & <div style="background-color: #90EE90; width: 40px; height: 20px; margin-left: 5px;"></div> </div>	N/A
Yellow ribbon at POC, POT & station markers labelled with contract#, unit#, pixel/stripline#, crew (initials), date, distance, direction change and offset bearings. Can use summer weight ribbon.		



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Current attack/brood tree, pheromone bait tree, MSMA treated tree, trap tree, single tree disposal, etc.

Tree marked with:



Ribbon labelled with appropriate information to identify trees.

Single stripe around bole of tree at BH.

Cruising

Baseline*/striplines**

Baseline/stripline marked with:



N/A

Station markers with:



&



N/A

Station markers required at maximum 50-metre intervals – mark ribbon with bearing and distance.

***NOTE:** As per the Cruising Manual, a baseline is not required to be established and is left to the discretion of the cruising personnel.

****NOTE:** The 'head' of a stripline does not have to be tied into the harvest boundary.

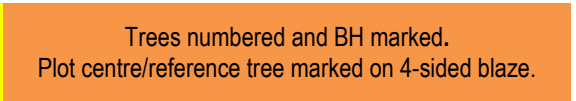
Can use summer weight ribbon.

Plots

Plot centre marked (tied to a stake, tree or equally effective marker):



&



Trees numbered and BH marked.
Plot centre/reference tree marked on 4-sided blaze.

Metal Tags; Plot centre or reference tree marked with TSL/block# or block identifier, plot#, date and crew (initials).

Site Plans

Plots

Plot marked with:



&



N/A

Ribbon labelled with "SP Plot#", date and crew initials.

Resource Features/Sensitive Areas


Stream

Centreline marked with:

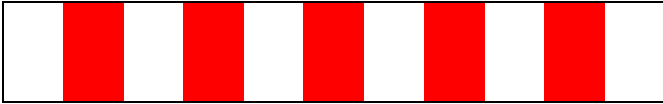






N/A



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Reach breaks marked with:	(2)	N/A
Riparian Management Zone (RMZ) Boundary marked with: NOTE: Only applicable if RMZ has a different management strategy than adjacent SU.	RIP MGMT ZONE	N/A
Culturally Modified Tree (CMT) Tree marked with: Ribbon can also be labelled with 'CMT'. Other markings as dictated by AIA and Site Plan, if applicable.	CULTURALLY MODIFIED TREE	Pre-1846 CMT sample trees will be painted in the field (by BCTS staff) with a single blue stripe around the bole of the tree at DBH and numbered accordingly.
Heritage trail Trees closest to the trail marked with: NOTE: If trail is located within harvest area, may also be marked with Machine Free Zone ribbon on either side. Other markings as dictated by AIA and Site Plan, if applicable.	HERITAGE TRAIL	N/A
Archaeological site Site marked with: Metal Tag; Site to be marked with identifying information. NOTE: If site is located within harvest area, No Work Zone ribbon <u>must be replaced</u> with Machine Free Zone ribbon. Other markings as dictated by AIA and Site Plan, if applicable.	NO WORK ZONE	N/A
Wildlife Debris Pile (WDP) Pile marked with: Piles must be clearly marked to ensure they are retained post-harvest and post-site preparation.	WILDLIFE DEBRIS PILE	N/A
Other resource features (eg. mineral) Trees, areas or sites marked with:		N/A



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licks, nests, etc.)	Ribbon marked with identifier to correspond to report, Site Plan, etc.	
External Wildlife Tree Patch (WTP)	Boundary marked with:  NOTE: Not required for all external boundaries – only in specific instances.	N/A
Silviculture		
Survey baseline/striplines	POC, baseline/stripline marked with:  NOTE: For silviculture surveys, POC, baseline and striplines are not required. After survey stratification has been completed, plot centres can be predetermined and entered as waypoints in an accurate handheld GPS unit. GPS is then used to navigate to plot centres provided they are established in an unbiased manner (ie. waypoint may have 5 to 10 metre variability). Can use summer weight ribbon.	N/A
Survey plots	Plot centre marked with:  &  Ribbon labelled with plot#, surveyor's initials, and date. Can use summer weight ribbon.	N/A
Treatment unit boundary	Boundary marked with: 	N/A