



## TIMBER SALE PRESCRIPTION

**GENERAL**

Date 04/04/2008	Forest, Mineral and Fire Management Unit Sault Ste Marie
Timber Sale Number (if applicable)	Sale Name (or prescription name) Compartments 106, 107, and 108 RPP

**LOCAL CONTACT**

Name Joe Durbin	Telephone (906) 293 - 5131 ext 4040
Email Address durbinj@michigan.gov	FAX (906) 293 - 8728

**Map of Project Area Attached**

**LEGAL DESCRIPTION**

T43N R06W Section(s) 1, 2, 11, 12, 13 and 14 Description multiple

Year of Entry: 2003-5    Compartment(s): 106, 107, 108    Stand Number(s): various

**THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE**

Estimated Acres: 202    Source:  OI     GPS     Other \_\_\_\_\_

**Payment will be made on the basis of these estimated acres.**

**TREATMENT & OBJECTIVE**

STAND #	COVER TYPE	ACRES	BA	TREATMENT	MANAGEMENT OBJECTIVE
106004	R9	21	100	Final Harvest	plant red pine
106005	R6	3	150	Final Harvest	plant red pine
106020	R9	33	140	Final Harvest	plant red pine
106025	R9	37	140	Final Harvest	plant red pine
106028	R9	28	130	Final Harvest	plant red pine
107016	R5	6	60	Final Harvest	plant red pine
107028	R6	30	140	Final Harvest	plant red pine
108076	R6	44	100	Final Harvest	plant red pine

**PRESCRIPTION**

1. For blue lines, paint sub-merchantable or non-red pine trees when possible.
2. See attached Marking Prescription document for specific instructions for each unit.
3. Some of the above listed stands may be combined and/or split to form the Payment Units.
4. See attached maps and contract narrative document for payment unit boundary locations.
- 5.
- 6.
- 7.

**Access** Use Carp River Truck Trail and Huckleberry Lake Road.

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE

**CONTRACT WORK CAN BEGIN**

Immediately     Date:

**CONTRACT WORK MUST BE COMPLETED BY**    Date **August 15, 2008**

**PAINT LINE WORK**

This is included in the bid     This is not included in the bid

**Paint line work to be performed: (See attached map for locations)**

TYPE OF LINE	WORK TO BE DONE	NOT APPLICABLE	PAINT COLOR	
Private boundary	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Blue	<input type="checkbox"/> Other:
Sale boundary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Blue	<input type="checkbox"/> Other:
Sale cutting unit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Green	<input type="checkbox"/> Other:
Stand type line	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Other:

**Exclusions to mark and why**

In compartment 106 stand 22 must have a 50' buffer around this bog stand painted with blue paint within stand 20. See the stand prescription for more details.

**Standards for marking lines against private land**

**AREA CALCULATION**

This is included in the bid     This is not included in the bid

UNIT	METHOD	STANDARD
Sale	<input checked="" type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	Provide SSF or SHP file
Payment Unit	<input checked="" type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	Provide SSF or SHP file
Stand	<input type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	

**Special Instructions:**

**TIMBER CRUISING SPECIFICATIONS**

This is included in the bid     This is not included in the bid

**Required Basal Area Factor:**     10     20     Other:

**Cruise Line Directions**    random

CRUISING UNITS	NUMBER OF PLOTS PER ACRE	SPACING (CHAINS)
1-8	1 plot/acre	3 chains X 3 chains
		X
		X
		X
<b>TOTAL NUMBER OF CRUISE POINTS</b>		

**Cruise Special Instructions:**

**USE 20 BAF PRISM.** Cruise by species. Tally total trees and total sticks at each plot. For sawlogs, tally total sawlog trees and total sawlog sticks at each plot. In the field, leave a stick with ribbon marking the plot center and a ribbon at/above eye level with plot number. Mark each plot location on map.

**Unless otherwise specified, the tally sheets used must be those supplied by the Forest, Mineral and Fire Management Unit.**

**TIMBER MARKING SPECIFICATIONS**

This is included in the bid     This is not included in the bid

Precise specifications to be delineated at pre-work meeting with DNR staff

Total Merchantable Residual BA (Basal Area): \_\_\_\_\_ (Minimum \_\_\_\_\_ to Maximum \_\_\_\_\_)

TREATMENT	NUMBER	SIZE
Regeneration Gaps Per Acre		
Girdled Trees Per Acre		

PRODUCT	MARKING SYMBOL	MINIMUM DBH	TOP DIB
Sawlogs			
Sawbolts			
Pulpwood			

TYPE OF WORK	WORK TO BE DONE	NOT APPLICABLE	PAINT COLOR
Trees marked to leave	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Green <input type="checkbox"/> Other
Trees marked to cut	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Orange <input type="checkbox"/> Other

**TALLY INTENSITIES**

SPECIES / PRODUCT	RATIO
	1 :
	1 :
	1 :
	1 :

**SPECIAL MARKING INSTRUCTIONS**

Unless otherwise specified, the tally sheets used must be those provided by the Forest, Mineral and Fire Management Unit.

**RESTRICTIONS**

1. Forest, Mineral and Fire Management Division must be able to identify who did what on the timber sale.
2. The contractor may not have more than two markers in one payment unit without prior approval.
3. Each marker should have an assigned area to mark (not strips).

**PAINT**

1. Call Joe Durbin at (906) 293 - 5131 ext 4040, to make arrangements for paint.
2. Paint will be supplied from either Newberry or Naubinway.
3. Contractor's work schedule must coincide with the DNR work schedule for paint supply.
4. The DNR will not be available on weekends or evenings.

**DELIVERABLES**

1. A list of names that marked or cruised each payment unit.
2. A summary of paint used (in quarts).
3. Tally summaries for each payment unit (one summary, regardless of the number of markers) and all of the original tally sheets.
4. GPS files for any GPS work.

**CRUISING PRESCRIPTION**

**Site Name: RPP Compartments 106, 107 and 108 Marking Contract Red Pine Final Harvest**

**Description: T43N R06W Sections 1, 2, 11, 12, 13, and 14**

<b>Comp: 108</b>	<b>Stand: 76</b>	<b>Units 1 &amp; 2</b>
<b>Comp: 107</b>	<b>Stand: 16 and</b>	<b>Unit 3</b>
<b>106</b>	<b>Stands: 4 and 5</b>	
<b>Comp: 107</b>	<b>Stand: 28</b>	<b>Unit 4</b>
<b>Comp: 106</b>	<b>Stands: 20 and 25</b>	<b>Units 5, 6 &amp; 7</b>
<b>Comp: 106</b>	<b>Stand: 28</b>	<b>Unit 8</b>

**Tasks:** **Cruise: Yes Estimated Acres: 202**  
**Cutting Boundary Lines: Yes Estimated Chains:**  
**Payment Boundary Lines: Yes Estimated Chains:**  
**Property Boundary Lines: No Estimated Chains:**  
**Area Determination: Yes, GPS Estimated Acres: 202**

**Stand Description: Red pine pulp and sawlogs.**

**Management Objective: plant to red pine.**

**Cruising Prescription:**

**# Cruising Units 1 - 8**

**BA Factor 20**

**Estimated Total # of Points 202**

<b>Points per Payment Unit</b>	<b>18 plots - Unit 1</b>	<b>26 plots - Unit 2</b>
	<b>30 plots - Unit 3</b>	<b>30 plots - Unit 4</b>
	<b>27 plots - Unit 5</b>	<b>25 plots - Unit 6</b>
	<b>18 plots - Unit 7</b>	<b>22 plots - Unit 8</b>

**Point Spacing (chains) 3 X 3**

**Cruise Direction random**

**Cruise by Payment Unit Yes**

**Computer Stand # Entry N/A**

**Cruise Following Species for Sawlogs and Pulp (sawlogs are cruised to an 11" DOB Scribner):  
Red Pine and White Pine.**

**Cruise All Other Species for Pulpwood Only: Yes**

**Other Factors:**

- 1. The sale boundary line will be painted in blue as shown on map and provide a gps file for the locations and acreage.**

2. For the west boundary of units 1 and 2, maintain a 200 foot buffer from the edge of the Carp River. The south line of unit 2 should follow the base of the steep ridge.
3. Unit lines will be painted using green paint on both sides of the line and gps file must be provided for the line location.
4. East boundary of unit 3 should follow old red paint line from previous sale.
5. Within unit 5, maintain a 50 foot buffer around stand 22 V0.
6. For the south boundary of unit 8, maintain 100 foot buffer from edge of drop-off and creek.