

**May 30, 2007**

**DAISHOWA-MARUBENI INTERNATIONAL LTD.  
Peace River Pulp Division**

**2007 FINAL ANNUAL OPERATING PLAN  
(Buchanan Creek)**

**INTRODUCTION**

This plan is submitted under Deciduous Timber Allocation ( DTA ) P530001 and issued as Deciduous Timber License ( **DTL** ) **P530001**. This Final AOP is submitted for the 2007 Timber Year operating period from May 1st, 2007 to April 30th, 2008.

The proposed location of manufacture for deciduous volume harvested under the authority of this plan is the Daishowa-Marubeni International Ltd., Peace River Pulp Mill located near Peace River, Alberta.

Incidental coniferous timber harvested as a result of deciduous harvesting operations, will be offered to Boucher Brothers Lumber Ltd located in Nampa, Alberta.

Table 7 of Peace River Pulp Division's ( PRPD ) 2007 General Development Plan (GDP) summarizes incidental conifer volumes and destination.

Upon delivery to the respective mill sites all material will be weigh scaled.

**DECIDUOUS PRODUCTION : ( Quadrant )**      **CONIFEROUS PRODUCTION : ( Quota )**

Proposed production for this timber year:

Proposed production for this timber year:

Deciduous Dominated Stands:      **4,210 m<sup>3</sup>**  
Incidental Deciduous:                      **0 m<sup>3</sup>**

Coniferous Dominated Stands:      **0 m<sup>3</sup>**  
Incidental Coniferous:                      **1,850 m<sup>3</sup>**

The deciduous production record is summarized in **Table 1** of PRPD's 2007 GDP.

**WOOD OPERATIONS :**

Deciduous operating conditions and merchantability standards are subject to the **DMI Timber Harvest Planning and Operating Ground Rules, Operating Conditions listed in Section 5 of PRPD's General Development Plan** and any additional **Operating conditions listed in the Alberta Sustainable Resource Development (ASRD) Letter of Approval.**

The coniferous operations and merchantability standards will comply with the **Alberta Timber Harvest Planning and Operating Ground Rules** and any additional **Operating conditions listed in the ASRD Letter of Approval.**

**ACCESS DEVELOPMENT :**

Prior to company use of any existing road, pipeline, powerline, wellsite or other disposition held by a third party, the consent of the holder will be obtained.

Reclamation will be concurrent with completion of operations. The access development and reclamation will follow the company's weed control plan.

**LICENSES OF OCCUPATION :**

Number	Held By	Road Class	Season of operation
Nil			

**ROAD CONSTRUCTION :**

**Class V Roads**

In-block roads will be installed during the harvest of 2007. The block roads will be reclaimed the same season of harvest.

**ACCESS CONSTRUCTION :**

Road Number	Class	Season	Tenure	Development Required	Reclamation
113	V	Summer	1yr	Pre-log and stump block roads.	Rollback and Piling
115	V	Summer	1yr	Pre-log and stump block roads.	Rollback and Piling

### **STREAM CROSSINGS :**

No stream crossings will be required to access Blocks 113 and 115.

### **OPERATIONS :**

Harvesting will be mechanized and completed with a feller-buncher, grapple skidder to roadside. Coniferous volume will be delimbed with a stroke delimber and hauled tree-length to the sawmill. Deciduous volume will be processed by chipping roadside and hauled to the pulp mill.

### **TRAPPER NOTIFICATION :**

There is one registered trapper within DTLP530001. The Trapper will receive a copy of this Final 2007 AOP. There has been communication and field visits with the Trapper and DMI.

<b>Number</b>	<b>Holder</b>	<b>Contact Date</b>	<b>Method</b>
1357	Chris Karlson	May 28, 2003	Copy of Preliminary AOP
		June 6, 2003	Helicopter flight over area
		June 1, 2004	Copy of Preliminary AOP
		October 20, 2004	Copy of 2004 TY Final AOP
		June 1, 2005	Copy of 2005 TY Final AOP
		June 8 , 2006	Copy of the 2006 Final AOP
		June 2007	Copy of the 2007 Final AOP

### **DESIGN CONSIDERATIONS :**

This harvest design has the following objectives.

1. Design in-block roading that minimize road construction, reclamation requirements, and minimize access throughout the area after harvest.
2. Leave 15% of the merchantable volume on the landscape (the licence area) after harvest.

### **WILDLIFE HABITAT :**

Access restrictions will mitigate impacts to wildlife within this area by implementing DMI's Access Management Strategy contained in DMI's 2007 GDP. Temporary access closures will be implemented if the time period exceeds the period outlined in DMI's Access Management Strategy.

**CUTBLOCK SUMMARY :**

<b>Block Number</b>	<b>Total Area (ha)</b>	<b>DEC. VOL. (m<sup>3</sup>)</b>	<b>CON. VOL. (m<sup>3</sup>)</b>
113	10.7	1,820	800
115	14.1	2,390	1050
Totals:	24.8	<b>4,210</b>	<b>1,850</b>

**BLOCK SEQUENCING :**

There are no constraints for the blocks included in this Final AOP in regards to block sequencing.

**HISTORICAL RESOURCE CONSIDERATIONS :**

This plan's operations will comply with the Alberta Historical Resources Act.

**UNDERSTORY MANAGEMENT :**

Patches of low-density understory were encountered throughout the licence. Any understory encountered during operations, not identified during the layout stage, will be protected in accordance with the PRPD Understory Protection Guidelines.

### **REFORESTATION PROGRAM :**

The Reforestation Table below outlines the proposed harvest system, silviculture system (strategy) and reforestation tactic for the blocks to be harvested.

### **SILVICULTURE STRATEGIES :**

Timber Year: 2006

DISPOSITION	Block	(ha)	Pre-Harvest Assessment Completed	Summer Operable	PLANNED SEASON OF HARVEST	Proposed Harvest System	SILVICULTURE SYSTEM	REFORESTATION TACTIC
DTLP530001	113	10.7	Yes	Yes	Summer	Roadside Chipper	Clearcut	Leave For Natural Suckering
DTLP530001	115	14.1	Yes	Yes	Summer	Roadside Chipper	Clearcut	Leave For Natural Suckering

### **PRE-HARVEST LANDBASE :**

The Table below outlines pre harvest strata polygons by the four cover types based upon the current Forest Inventory data.

<u>Timber Year</u>	<u>DISPOSITION</u>	<u>Block</u>	<u>ha</u>	<u>Map Inventory Type ( pre-harvest )-ha</u>			
				<u>C</u>	<u>CD</u>	<u>DC</u>	<u>D</u>
2006	DTLP530001	113	10.7	-	-	-	10.7
2006	DTLP530001	115	14.1	-	-	-	14.1
	Total		24.8	-	-	-	24.8

ENDORSEMENT OF AOP: DTLP530001

AOP prepared by:

**Name:** Trina Tosh

**Name:** Phil Dube

**Position:** Forest Resources Supervisor,  
Planning

**Position:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

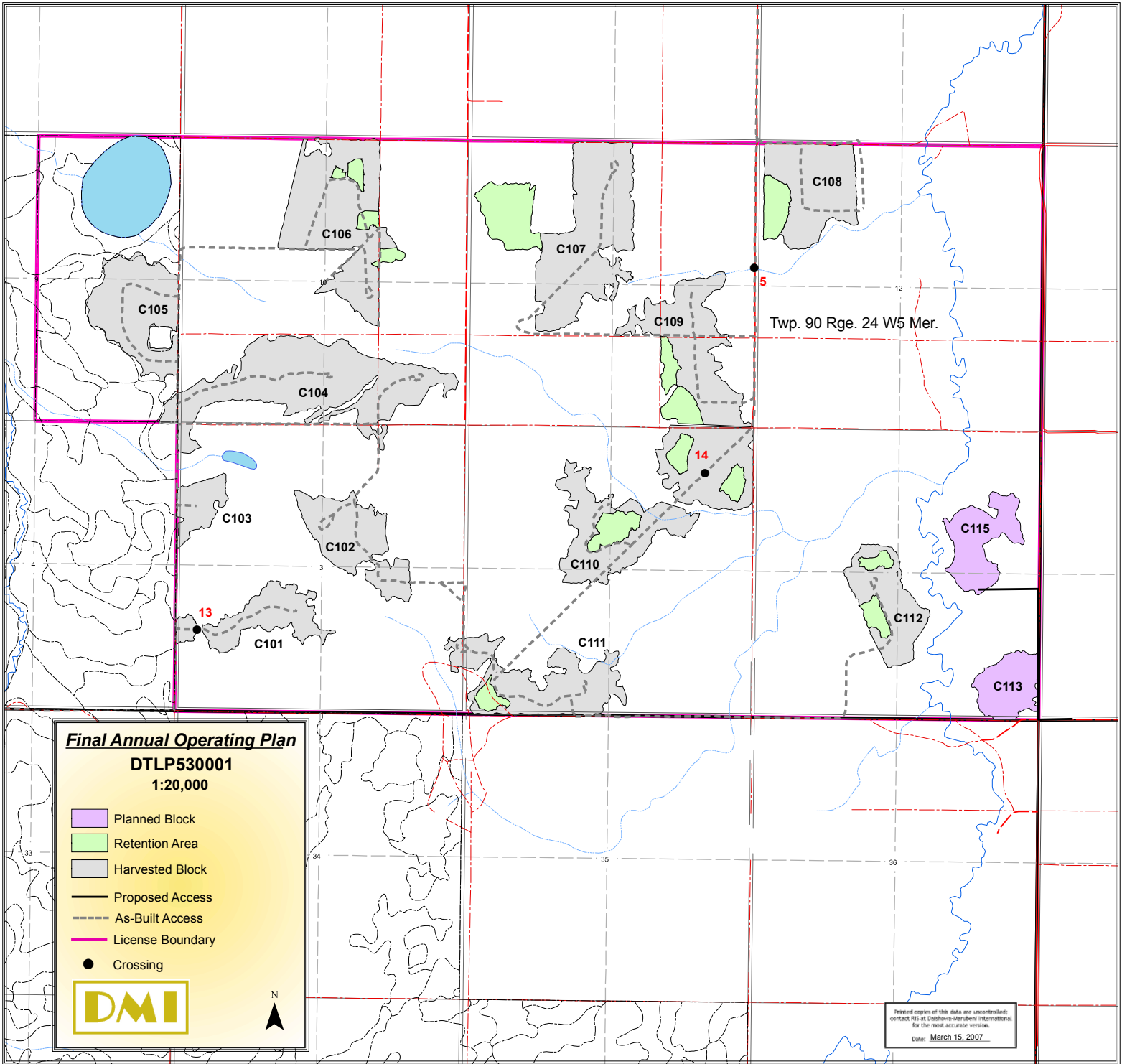
**Date:** \_\_\_\_\_

Daishowa-Marubeni International Ltd.  
Peace River Pulp Division  
Postal Bag 6500  
Peace River, AB T8S 1V5

Boucher Brothers Lumber  
box 488  
Nampa, AB  
T0H 2R0

Phone: (780) 624-7337  
Fax: (780) 624-7084

Phone: (780) 322-3945



**Final Annual Operating Plan**

**DTLP530001**

**1:20,000**

- Planned Block
- Retention Area
- Harvested Block
- Proposed Access
- As-Built Access
- License Boundary
- Crossing



Printed copies of this data are uncontrolled;  
 contact RRS at Dabrowski-Manubert International  
 for the most accurate version.  
 Date: March 15, 2007