

**Daishowa Marubeni International Ltd  
Peace River Pulp Division**

**ANNUAL OPERATING PLAN  
DTLP160001-Area 4**

## Table of Contents

<b>1.0 INTRODUCTION.....</b>	<b>3</b>
<b>2.0 PRODUCTION (Quadrant) .....</b>	<b>3</b>
<b>3.0 ACCESS DEVELOPMENT .....</b>	<b>4</b>
3.1 Existing Access requiring consent .....	4
3.2 Road Construction .....	5
3.3 Stream Crossings .....	5
<b>4.0 STAKEHOLDER CONSIDERATIONS .....</b>	<b>5</b>
<b>5.0 SLASH DISPOSAL.....</b>	<b>5</b>
<b>6.0 REFORESTATION PROGRAM.....</b>	<b>6</b>
<b>7.0 ENDORSEMENT OF AOP .....</b>	<b>7</b>
<b>APPENDIX A (Block Information Table).....</b>	<b>8</b>

## 1.0 INTRODUCTION

This plan for Compartment **DTLP160001-Area 4** issued under **Deciduous Timber allocation DTAP160001** covers the operating period from May 1, 2009 to April 30, 2010.

This AOP addresses all conditions from related FHP's. It follows the 2009 GDP and MDFP Operating Ground Rules. An overview map showing blocks and access is included with this AOP.

The proposed location of manufacture for deciduous volume 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 directed to Manning Diversified Forest Products located in Manning, AB.

Table 7 of Peace River Pulp Division's (PRPD) 2009 General Development Plan (GDP) summarizes incidental conifer volumes and destination.

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

## 2.0 PRODUCTION (Quadrant)

Proposed Production for this timber year:

Deciduous Dominated Stands: 168,158m<sup>3</sup>  
Incidental Conifer: 32,701 m<sup>3</sup>

The deciduous production record is summarized in **Table 1** of PRPD's 2009 GDP.

Table 1, Appendix A includes lists all planned blocks for this AOP. The table includes all Block considerations as well.

### 3.0 ACCESS DEVELOPMENT

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

#### 3.1 Existing Access requiring consent:

Number	Held By	Road Class	Season of Operation
LOC901294	Corinthian Energy Corp.	III	Dry/Frozen
LOC910148	Corinthian Energy Corp.	III	Dry/Frozen
LOC910877	Corinthian Energy Corp.	III	Dry/Frozen
LOC920086	Corinthian Energy Corp.	III	Dry/Frozen
LOC972163	Corinthian Energy Corp.	III	Dry/Frozen
LOC971085	Corinthian Energy Corp.	III	Dry/Frozen
LOC891004	Corinthian Energy Corp.	III	Dry/Frozen
LOC910869	Corinthian Energy Corp.	III	Dry/Frozen
LOC910870	Corinthian Energy Corp.	III	Dry/Frozen
LOC930100	Corinthian Energy Corp.	III	Dry/Frozen
LOC930882	MDFP	V	Frozen
LOC961074	Corinthian Energy Corp.	III	Dry/Frozen
LOC931144	Corinthian Energy Corp.	III	Dry/Frozen
LOC901292	Corinthian Energy Corp.	III	Dry/Frozen
LOC900033	Corinthian Energy Corp.	III	Dry/Frozen
LOC942504	Corinthian Energy Corp.	III	Dry/Frozen
LOC971227	Corinthian Energy Corp.	III	Dry/Frozen
LOC000552	Corinthian Energy Corp.	III	Dry/Frozen
LOC972164	Corinthian Energy Corp.	III	Dry/Frozen
EZE9900145	Corinthian Energy Corp.		
MSL971826	Corinthian Energy Corp.		
MSL901608	Corinthian Energy Corp.		
MSL910996	Corinthian Energy Corp.		
MSL910995	Corinthian Energy Corp.		
MSL943477	Corinthian Energy Corp.		
MSL961388	Corinthian Energy Corp.		
MSL973217	Corinthian Energy Corp.		
MSL962105	Corinthian Energy Corp.		
MSL900047	Corinthian Energy Corp.		
PLA971570	Corinthian Energy Corp.		
PLA941898	Corinthian Energy Corp.		
PLA940128	Corinthian Energy Corp.		
PLA931224	Corinthian Energy Corp.		
PLA001156	Corinthian Energy Corp.		
PLA961110	Corinthian Energy Corp.		
MSL971590	Corinthian Energy Corp.		
MSL973215	Corinthian Energy Corp.		

### **3.2 Road Construction**

#### Class V Roads

Inter block roads are given the same number of the block being accessed by it. In-block roads will be installed during the harvest of 2009/2010. The block roads will be reclaimed upon completion of hauling. **Table 1, Appendix A** lists these roads and outlines the development that is required.

### **3.3 Stream Crossings**

The table below lists the crossings to be utilized during this timber year. This table does not list crossings that are located on routes held under LOC by DMI or other companies. The crossings listed in this table do not require any approval from Department of Fisheries and Ocean Canada or the Water Management Division of Alberta.

<b>Crossing No.</b>	<b>Structure</b>	<b>Stream Class</b>	<b>Company</b>
400	Bridge	Small Permanent	DMI
401	Culverted log fill	Intermittent	DMI

## **4.0 STAKEHOLDER CONSIDERATIONS**

All stakeholders affected by operations will receive a copy of this Final AOP.

<b>Name</b>	<b>Value</b>	<b>CONTACT DATE</b>	<b>METHOD</b>	<b>ISSUES</b>
1258	Doug Stone	May 2009 (Final Harvest Plan) June 2009 (AOP)	Registered Mail Registered Mail	
2478	Derwin Doll	May 2009 (Final Harvest Plan) June 2009 (AOP)	Registered Mail Registered Mail	
1397	Glen Stone	May 2009 (Final Harvest Plan) June 2009 (AOP)	Registered Mail Registered Mail	

## **5.0 SLASH DISPOSAL**

Slash disposal guidelines set out in section five of the 2009 GDP will be followed.

## **6.0 REFORESTATION PROGRAM**

**Table 1, Appendix A** outlines the proposed harvest system, silviculture system (strategy) and reforestation tactic for the blocks to be harvested.

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

Blocks 4001 through 4016, 4019, 4020 and 4021 are all DUA blocks and will be brought back to a 'DC' standard. The deciduous will be left to regenerate naturally and if needed spruce will be planted to reach a 'DC' landbase.

## 7.0 ENDORSEMENT OF AOP

AOP prepared by:

<b>Name: Trina Tosh</b>	<b>Name: Clarence Budal</b>
<b>Position: Forest Resources Supervisor, Planning</b>	<b>Position:</b> _____
<b>Signature:</b> _____	<b>Signature:</b> _____
<b>Date:</b> _____	<b>Date:</b> _____
<b>Daishowa Marubeni International Ltd</b> Peace River Division Postal Bag 6500 Peace River, AB T8S 1V5 (780) 624-7337	<b>Contact Information:</b> Manning Diversified Forest Products Ltd. Box 370 Manning, AB T0H 2M0

## **APPENDIX A (Block Information Table)**

## AOP Checklist

Area:	DTLP160001-Area 4	Disposition Number	DTLP160001
Company:	DMI	QAAC	1,023,457m3
Season of Harvest	Non-frozen/ frozen	Quadrant Production to Date	635,627m3
DTA number	DTAP160001	Quadrant Volume Remaining	387,830m3
Date Disposition Issued	01-May-04	Proposed Production (this year)	200,201m3
Date Disposition Expires	30-Apr-24	Submission Date	June 2, 2009
<b>Approval Item</b>	<b>Yes/No</b>	<b>Initial/Date</b>	
Validated by RPF	yes		
Plan signed by imbedded tenure holders	Under review		
AOP has approved FHP(s)	Under review		

### Administration

#### Digital copies of AOP to:

Area Planning Forester

Forest Officer

Other

Conditions from FHP have been addressed

Outstanding operations identified (Outstanding debris disposal, hauling, clean-up, reclamation, ect)

Delegation of signing authority included where required

Company requesting dues relief, explanation and justification provided

Opening date verification submitted-all blocks logged in previous year cross referenced against ARIS report

### Operating Schedule (as per section 3.5.4c)

Block table submitted for all blocks scheduled for harvest including area & volume by species with totals

List of roads proposed for construction, maintenance & reclamation for non-LOC roads including watercourse crossings to be built or installed or removed/maintained

**Company SRD**

yes

yes

yes

Under review

n/a

n/a

n/a

n/a

Yes

Yes

Declaration of outstanding operational items, or an agreement with Alberta on reporting of outstanding operational items	n/a
Debris disposal	yes

**Applicable Final Harvest Plans (as per section 3.4)**

SHS was followed or variances identified as per section 3.4.1	yes
All affected operators have agreed to the design as per section 3.4.4	Under review
Maps accurate as per section 3.4.5	
-approved inventory	yes
-approved SHS & variances	yes
-All laid out Class 1-3 roads & harvest boundaries	yes
-Current dispositions & reserves	yes
-Watercourses, their classification & buffers	yes
- Springs, watersource & seepage areas	yes
-Road corridors, LOC numbers & classes for existing & proposed roads;	
Access Control	yes
-Watercourse crossing locations & types	yes
-Current information on previously harvested area, existing trails, seismic trails, powerline, pipelines	yes
-sensitive wildlife sites	None found
Additional information as per section 3.4.6	yes
Comments for each harvest area as per section 3.4.8	yes
Detailed harvest plans as per section 3.4.10	Upon request

**Compartment Assessments ( as per section 3.2) – Where Applicable**

Is approved and including any maps, analyses, & reports deemed necessary to address the issues	n/a
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**Reforestation Program (as per section 8.2)**

Silviculture prescription is acceptable as per the Silviculture table	yes
Proposed silviculture treatment schedule	yes
Summaries of stratum declarations, stratum changes, final stratum, QAC adjustments	yes
Proposed blocks are listed for declaration in lieu of survey & re-treatment	n/a
Seed amounts are sufficient as per STIA manual section 11.2	n/a



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Reviewing RFO Validation

Date



**Table 1 - Block Information Report**  
Timber Year: '2009'

Op Area: DTLP160001    Work Area: Area-4

Block Id	Contingency Block	Merch Area	Plan Con Vol M3	Plan Dec Vol M3	Plan Retention Patch Area	Retention Large Area (>2Ha)	Retention Small Area (<=2Ha)	Op Retention Percent	Road Number	Road Class	Road Development	PHA Complete	Op Ground Conditions	Harvest Method	Silv System	Silv Strategy	Understory	Wildlife	Historic Concern	C Area	CD Area	DC Area	D Area
4001		43.4	1,393.8	8,460.4	1.4			3	4001	V	Blade line, log and stump block road	N/A	Frozen	In Block Chipping	Clearcut	LFN, DUA Plant as required	Avoidance		No	0.0	0.0	43.4	0.0
4002		75.2	2,572.2	15,286.2	1.2			5	4002	V	Blade line, log and stump block road	N/A	Frozen	In Block Chipping	Clearcut	LFN, DUA Plant as required	No		No	0.0	0.0	75.2	0.0
4003		19.2	168.4	4,795.3	0.4			5	4003	V	Blade line, log and stump block road	N/A	Frozen	In Block Chipping	Clearcut	LFN, DUA Plant as required	Avoidance		No	0.0	0.0	19.2	0.0
4004		6.0	209.9	1,172.3				0	4004	V	Blade line, log and stump block road	No	Non Frozen	In Block Chipping	Clearcut	LFN, DUA Plant as required	Avoidance		No	0.0	0.0	6.0	0.0
4005		2.5	65.3	397.9				0	4005	V	Blade line, log and stump block road	No	Non Frozen	In Block Chipping	Clearcut	LFN, DUA Plant as required	No		No	0.0	0.0	2.5	0.0
4006		41.4	1,794.1	8,607.5	0.8			3	4006	V	Blade line, log and stump block road	No	Non Frozen	In Block Chipping	Clearcut	LFN, DUA Plant as required	Skid Trails, Avoidance		No	0.8	0.0	40.5	0.0
4007		142.0	5,332.8	28,962.9	6.6			5	4007	V	Blade line, log and stump block road	No	Non Frozen	In Block Chipping	Clearcut	LFN, DUA Plant as required	Skid Trails, Avoidance		No	0.6	0.0	141.4	0.0
4008		3.0	219.5	566.0				0	4008	V	Blade line, log and stump block road	No	Non Frozen	In Block Chipping	Clearcut	LFN, DUA Plant as required	Avoidance		No	0.6	0.0	2.4	0.0
4009		11.4	457.8	2,225.3				5	4009	V	Blade line, log and stump block road	No	Non Frozen	In Block Chipping	Clearcut	LFN, DUA Plant as required	Skid Trails		No	0.0	0.0	11.4	0.0
4010		11.5	400.0	2,404.9	0.3			3	4010	V	Blade line, log and stump block road	N/A	Frozen	In Block Chipping	Clearcut	LFN, DUA Plant as required	No		No	0.0	0.0	11.5	0.0
4011		60.8	2,515.6	14,854.5	2.3			3	4011	V	Blade line, log and stump block road	N/A	Frozen	In Block Chipping	Clearcut	LFN, DUA Plant as required	No		No	8.9	0.0	51.9	0.0
4012		54.7	2,460.3	13,300.9				5	4012	V	Blade line, log and stump block road	N/A	Frozen	In Block Chipping	Clearcut	LFN, DUA Plant as required	No		No	8.1	0.0	46.6	0.0
4013		22.1	961.9	4,423.4	1.0			4	4013	V	Blade line, log and stump block road	N/A	Frozen	In Block Chipping	Clearcut	LFN, DUA Plant as required	No		No	0.0	0.0	22.1	0.0
4014		185.8	8,005.4	37,333.5	8.5			5	4014	V	Blade line, log and stump block road	No	Non Frozen	In Block Chipping	Clearcut	LFN, DUA Plant as required	Avoidance		No	7.9	0.8	177.2	0.0
4015		22.9	933.7	4,416.3				3	4015	V	Blade line, log and stump block road	No	Non Frozen	In Block Chipping	Clearcut	LFN, DUA Plant as required	Avoidance		No	0.0	0.0	22.9	0.0
4016		63.9	1,797.5	9,521.5	0.5			3	4016	V	Blade line, log and stump block road	No	Non Frozen	In Block Chipping	Clearcut	LFN, DUA Plant as required	No		No	0.0	0.0	63.9	0.0
4017		9.4	303.6	1,806.7				3	4017	V	Blade line, log and stump block road	N/A	Frozen	In Block Chipping	Clearcut	LFN	No		No	0.0	0.0	0.0	9.5
4018		8.2	1,571.2	520.8				4	4018	V	Blade line, log and stump block road	N/A	Frozen	In Block Chipping	Clearcut	LFN	No		No	0.0	0.0	0.0	8.2
4019		9.9	325.5	1,762.8				1	4019	V	Blade line, log and stump block road	No	Non Frozen	In Block Chipping	Clearcut	LFN, DUA Plant as required	No		No	0.0	0.0	9.9	0.0
4020		20.2	613.1	3,740.4				2	4020	V	Blade line, log and stump block road	No	Non Frozen	In Block Chipping	Clearcut	LFN, DUA Plant as required	Skid Trails		No	0.0	0.0	20.2	0.0
4021		17.5	599.9	3,598.9	0.6			2	4021	V	Blade line, log and stump block road	No	Non Frozen	In Block Chipping	Clearcut	LFN, DUA Plant as required	No		No	0.0	0.0	17.5	0.0
		831.0	32,701.5	168,158.4	23.6															26.9	0.8	785.7	17.7