

INTEGRATED MANAGEMENT PRESCRIPTION (IMP)

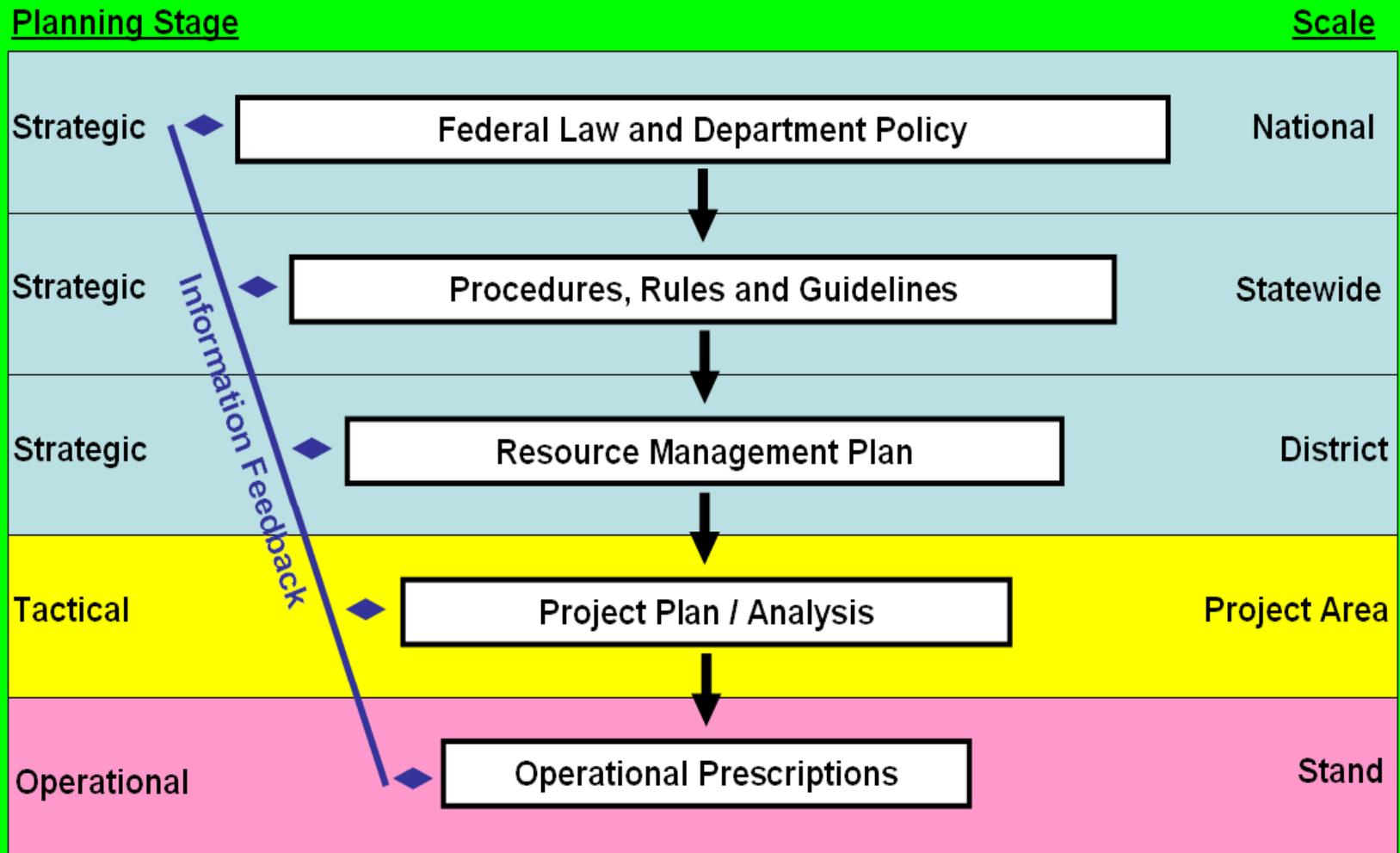


George McFadden
Bureau of Land Management
February 26, 2008



BLM – ODF Joint Thinning Training – Silver Falls State Park

HIERARCHIAL PLANNING



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TRUST MANAGEMENT TENETS

- **Adhere to Grant Provisions**
- **Undivided Loyalty / Good Faith**
- **Prudent Person / Due Care and Diligence**
- **Intergenerational Equity / Preservation of the Trust / Sustainability**



OPERATIONAL PRESCRIPTIONS

- **Integrated Management Prescription**
 - The optimal regime selected to attain and sustain a management unit's (OI Unit) objectives

- **Activity Prescription**
 - Operational prescription utilized to implement a single site and time specific management activity



ELEMENTS OF AN IMP

- **OI Unit Objectives**
- **Threshold Targets**
- **Current Stand and Productivity Assessment**
- **Projected Schedule of Management Activities**



OI UNIT OBJECTIVES

Integrated Management Prescriptions must be prepared to meet OI Unit objectives that emanate from law, policy and executive directives in consideration of public opinion, financial and market realities, landscape objectives and biophysical constraints



OI UNIT OBJECTIVES

“While providing a sustainable harvest of timber to support local communities management will also provide ...”

Riparian protection?

Complex forest structure?

Stream peak flow mitigation?

Others?



THRESHOLD TARGETS

Threshold targets are quantitative measures of success for each of the objectives contained in the Integrated Management Prescription

For every objective there is a Threshold Target



CURRENT STAND AND PRODUCTIVITY ASSESSMENT

Assess the current stand condition in terms of the need for treatment, the desirability of treatment to meet OI objectives and the biological capacity of the site to produce the desired future conditions



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CURRENT STAND AND PRODUCTIVITY ASSESSMENT

- **Collect information necessary to model current stand condition to determine priority for treatment and project future management activities**
- **Assess site productivity using standardized tools such as plant association guides**



PROJECT MANAGEMENT ACTIVITIES

- **Develop a list of projected management activities for the full rotation of the OI Unit**
- **Identify when Threshold Targets are to be met**
- **Identify any stand structures that have a structure specific management plan**



IMP STRUCTURE

- **An IMP contains four sections:**
 - **OI Unit Objectives**
 - **Threshold Targets**
 - **Current Stand and Productivity Assessment**
 - **Projected Future Management Activities**
- **An IMP is to be no more than three pages long**
- **An IMP is entered into Micro*Storms**



IMP PURPOSE

- **Intergenerational Communication**
- **Provide Baseline Monitoring Information**
- **Budget Development**
- **Accomplishment Reporting**



ACTIVITY PRESCRIPTION

An activity prescription is activity specific. Thus it will only contain information related to that activity

The lowest level of the planning hierarchy

In a thinning prescription it contains the marking guidelines



MICRO*STORMS DATA ENTRY

MicroStorms Data Entry Interface Screenshot

Navigation tabs: Edit/Add | Reports/Queries | Administrative

Edit/Add OI Unit

- Add OI Unit
- Edit OI Unit** (indicated by arrow)
- Edit OI Unit (By List)

Edit/Add Vegetation

- Edit/Add OI Unit Attributes
- Edit/Add OI Unit Attributes (By List)
- Edit/Add Layers Data
- Edit/Add Layers Data (By List)

Edit/Add Treatments

- Edit/Add Treatment Data
- Edit/Add Treat. Data (By List)

Edit/Add Survey Data

- Edit/Add Survey Data
- Edit/Add Survey Data (By List)

Edit/Add Stand Exams

- Edit/Add Stand Exam Data
- Edit/Add Stand Exam Data (By List)

Edit/Add Snag & Down Log

- Edit/Add Snag Data
- Edit/Add Snag Data (By List)
- Edit/Add Down Log Data
- Edit/Add Down Log Data (By List)

Edit /Add Insect, Disease, Injury Data

- Edit/Add Tree IDI Data
- Edit/Add Tree IDI (By List)

Miscellaneous Functions

- Create Lists
- Import Stand Exam
- Application Help

Edit/Add Lookup Data

- Edit/Add Planting Stock Data
- Edit/Add Contracts

Version Number 2.5.58



Click: Edit OI Unit



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MICRO*STORMS DATA ENTRY

Edit Existing Operations Inventory Unit

Records Edit Format Help Form

OI Number: 910001 Township/Range: 01N-08W
Twp./Rng./Section: 01N-08W-31 Twp./Rng./Sec./Unit#: 01N-08W-31-010

Geographic Information		Acres	OI Unit Remarks
Unit Name:		Unit Number:	010
District:	Salem	Resource Area:	Tillamook
County:	Tillamook	SYU:	Columbia
Seed Zone:	51	Seed Sub Zone:	
Breeding Unit:		Coop Breed Unit:	
Low Elevation:		High Elevation:	
Land Use Allocation:	Adaptive Management Areas	5th Fld Watershed:	Wilson River
Ten Year Age Class:	40		
Entire Stand Description:	FCO RA3H3D3RA2H4-1969/H11C2D2D1H2-1977/H1T012002		
<input type="button" value="Refresh Recordset"/>			

Click: OI Unit Remarks

Record 1 of 13956

Treatments Stand Attributes Layers & Species Survey Tree IDI Snags Down Log Slope Aspect Land Status



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Twp./Rng./Section: 01N-08W-31 Twp./Rng./Sec./Unit#: 01N-08W-31-010

Geographic Information	Acres	OI Unit Remarks
Stand Level Remarks: Enter IMP Here		

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Geographic Information		Acres	OI Unit Remarks
Unit Name:		Unit Number:	010
District:	Salem	Resource Area:	Tillamook
County:	Tillamook	SYU:	Columbia
Seed Zone:	51	Seed Sub Zone:	
Breeding Unit:		Coop Breed Unit:	
Low Elevation:		High Elevation:	
Land Use Allocation:	Adaptive Management Areas	5th Fld Watershed:	Wilson River
Ten Year Age Class:	40		
Entire Stand Description:	FCO RA3H3D3RA2H4-1969/H1IC2D1H2-1977/H1T012002		
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Click: Treatments

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MICRO*STORMS DATA ENTRY

Treatments

Records Edit Format Help Form

TRIS: [redacted] Unit #: [redacted] Unit Name: [redacted]

DI Key Number: [redacted] Treatment Status: [redacted] Date Treatment Proposed: 12/26/2007

Treatment Acres: [redacted] Treatment Code: [redacted]

Year Treated: [redacted] Treatment Date: 12/26/2007 Treatment Contract: [redacted]

Treatment Priority: [redacted]

Classifier Name: [redacted]

Treatment Fiscal Year: [redacted]

Treatment Remarks: **Enter Activity Prescription**

Contracts Breakdown

Click appropriate record to make current:

Unit Acres	MS	GIS
[redacted]	[redacted]	[redacted]

No records

Complete Treatment



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QUESTIONS



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