



**ESCANABA FOREST MANAGEMENT UNIT  
COMPARTMENT REVIEW PRESENTATION**

**COMPARTMENT #103    ENTRY YEAR: 2010**

**Compartment Acreage: 419      County: DELTA**

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*Last Revision: July 25, 2008*

**Stand Examiner:** Dan Racine, Forester, FMFMD; Bill Rollo and Craig Albright, Wildlife Division

**Legal Description:** T42N, R22W Sections 13 and 15

**Management Goals:** This compartment consists of 29 total acres of proposed treatments in all cover types including 14 acres of aspen, 11 acres of northern hardwood, and 4 acres of white birch cover types. The access to all stands will require private property permission. In the next few treatment periods some of the northern hardwood and aspen stands will become available. The northern hardwood stands on the east side of the Friday Road are converting to upland spruce and fir. The Rapid River traverses the east side of the compartment and Special Conservation Area stands have been designated for the riparian management zone surrounding the river.

**Soil and Topography:** The topography of this compartment consists of mostly level to slightly rolling terrain. The soils within this compartment include Roscommon, Karlin, Duel, Augres, Crosswell, Cathro, Ensley, Tawas, and Chippeny.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** This compartment is located in central Delta County and is very small and isolated from other state land.

**Unique, Natural Features:** The Rapid River traverses the compartment.

**Archeological, Historical, and Cultural Features:** None known

**Special Management Designations or Considerations:** The Rapid River Riparian area corridor on the east side of the compartment.

**Watershed and Fisheries Considerations:**

**Wildlife Habitat Considerations:** This very small compartment is bisected by the Rapid River and some smaller drainages with beaver activity. The forest stands directly adjacent the river have been designated a "Special Conservation Area" to promote a mature forest conditions (cavity trees, dead woody debris) along the riparian corridor. Away from the river, aspen harvesting has occurred in the past providing beaver with a food supply and providing habitat for other species that utilize early successional forest. Few treatments are desirable or possible this decade due to the age of the stands, and those stands which are eligible for treatment are mainly factor limited due to access. Several grass openings are quite nice, including a grass-ringed pond, but maintenance or projects are not planned for these openings. Most are inaccessible, filling with trees, or tiny in size.

**Mineral Resource and Development Concerns and/or Restrictions:** Surface sediments consist of medium-textured till. There is insufficient data to determine the glacial drift thickness. The Ordovician Trenton Group underlies the glacial drift. The Trenton is quarried for stone and may overlap Precambrian aged rocks which may have metallic and nonmetallic mineral potential. This area has not been previously leased for metallic exploration, but areas to the north were previously leased. A gravel pit is located in Section 23 and there should be potential. No economic oil and gas production has been found in the UP.

**Vehicle Access:** The 120 acres in section 15 is surrounded by private land making it inaccessible to the general public. The east side of the compartment is accessible by the Friday road and the section 15 road.

**Survey Needs:** None

**Recreational Facilities and Opportunities:** There are no developed recreational facilities within this compartment. The east side of the compartment is accessible to walking and the main recreational opportunities are hunting and fishing. Other recreational opportunities are hiking and camping.

**Fire Protection:** There are no hazard fuels in this area.

**Additional Compartment Information:**

\*\*\*\* Cover type details, proposed treatments and stands designated as FDF are listed in the attached reports:

- Cover Type by Age Class
- Cover Type by Management Objective
- Compartment Volume Summary
- Proposed Treatments – No Limiting Factors
- Proposed Treatments – With Limiting Factors

\*\*\*\* The following information is displayed on the attached compartment maps:

- Base feature information, stand numbers, cover types
- Proposed treatments
- Proposed road access system
- Suggested potential old growth

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Michigan Department of Natural Resources - Operations Inventory System  
Individual Compartment Report

ESCANABA RIVER STATE FOREST

ESCANABA FOREST MGT UNIT

DELTA COUNTY

COMPARTMENT: 103

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not Coded	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150-159	All Aged	Total
Aspen			21	32	80	16			36										185
Cedar											5		11						16
Grass	22																		22
Lowlnd Brush	4																		4
Lowlnd Poplr									5										5
Marsh	15																		15
Mx Swmp Cnfr									9		2		38						49
Non Stocked	2																		2
Paper Birch							19		4									4	27
Spruce Fir		35	2		9	2			4	2	5								59
Swamp Hrdwds																		3	3
Upland Hdwds																		23	23
Water	9																		9
Total	52	35	23	32	89	18	19		58	2	12		49					30	419

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Michigan Department of Natural Resources - Operations Inventory System  
Individual Compartment Report

ESCANABA RIVER STATE FOREST

ESCANABA FOREST MGT UNIT

DELTA COUNTY

COMPARTMENT: 103

Table 3A

(acres shown in boxes)

MANAGEMENT OBJECTIVE TYPE

COVER TYPE	A	S	V	C	G	H	J	I	L	P	N	Q	X	O	B	R	K	Y	F	E	T	D	U	M	Z	W	Total
A Aspen	185																										185
C Cedar				16																							16
G Grass					22																						22
L Lowlnd Brush									4																		4
P Lowlnd Poplr										5																	5
N Marsh											15																15
Q Mx Swmp Cnfr												49															49
X Non Stocked													2														2
B Paper Birch															27												27
F Spruce Fir																			59								59
E Swamp Hrdwds																				3							3
M Upland Hdwds																								23			23
Z Water																									9		9
<b>Total</b>	185			16	22				4	5	15	49	2		27				59	3				23	9		419

ESCANABA RIVER STATE FOREST

ESCANABA FOREST MGT UNIT

DELTA COUNTY

COMPARTMENT: **103**

**Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS**

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	2306 Cds	Hardwood	306 Cds
Hardwood	39 Mbf	Hardwood	6 Mbf
Softwood	1320 Cds	Softwood	80 Cds
Sum TotVol	3704 Cds	Sum CutVol	398 Cds
<b>Total Cmpt Acres</b>		Acres Proposed For Cut.....	
419		29	

**Proposed Treatments  
With NO Limiting Factors**

**Compartment: 103**

**Entry Year: 2010**

<b>Stand</b>	<b>Cover Type</b>	<b>Acres</b>	<b>Age</b>	<b>Site Index</b>	<b>Mgt Obj</b>	<b>Condition</b>	<b>Method Cut</b>	<b>Harvest Priority</b>	<b>Cultural Need</b>	<b>FDI Status</b>
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**Total Acres..... 0**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	fdf Status
<b>47</b>	<b>A6</b>	8	68	58	aspen (upland)	mature	final harvest	1		
TREATMENT LIMITING FACTORS: Adjacent landowner denies access										
comnts Fmd : 2010 OI Comments=> This stand was a part of the 3 hour tour sale that was cancelled. A lot of blowdown in areas, with some spots of smaller diameter and less blowdown. Previous treatment period had a limiting factor of inadequate volume due to small acreage as well as limited access. Prescription: Final Harvest this stand with the limiting factor of access. The MO and long term MO is aspen reproduction with a spruce/fir component. Leave retention areas in the amount of 3-10% leaving all tree species with an emphasis on areas with cedar and minimizing cedar blowdown. Determine the best location at time of sale prep. Outside the retention areas harvest everything including the cedar possibly leaving smaller and submerchantable spruce/fir. Shintangle of blowdown aspen.										
Wld : Concur with FMFMD.										
<b>51</b>	<b>B6</b>	4	68	58	paper birch	mature	final harvest	2		
TREATMENT LIMITING FACTORS: Adjacent landowner denies access										
comnts Fmd : 2010 OI comments=> Some trees are smaller diameter. Harvest this stand this treatment period while stands 47 and 56 are prescribed. Prescription: Final harvest this stand leaving any pine, hemlock, and cedar if present. Leave smaller merchantable and submerchantable spruce and fir. Acceptable regeneration mix of Birch/Aspen/Spruce/Fir.										
Wld : Concur with FMFMD.										
<b>52</b>	<b>A6</b>	6	75	58	aspen (upland)	mature	final harvest	2		
TREATMENT LIMITING FACTORS: Adjacent landowner denies access Blocked by other physical obstacle										
comnts Fmd : 2010 OI comments=> Stand 52 from the previous treatment period was deleted. This is a new stand which was part of stand 23 and the Friday Road Aspen Sale. Prescription: Final Harvest this stand with an MO of A. Harvest all species except leave black ash, pine, hemlock, and submerchantable and smaller merchantable spruce and fir. Harvest cedar except if an area with a high % of cedar could possibly leave a small island with all species. Long term the MO is A/F. Access through private which had a temporary easment for the Friday Road Aspen sale will be required. May possibly have to harvest this stand in the winter to get from stand 23 to this stand.										
Wld : As discussed in pre-review, assess the possibilities of access to this stand from the west. If access to the west is unattainable, then WLD would like to defer. Concur with FMFMD.										
<b>56</b>	<b>M6</b>	11		62	northern hardwood	unevenaged	selection	2		
TREATMENT LIMITING FACTORS: Adjacent landowner denies access										
comnts Fmd : 2010 OI comments=> Select harvest this stand favoring to leave some minor component species. Follow complete marker guidelines and mark down to the 60-80 BA range. Final volumes may include some other species than what's listed in the partial cut volumes. Private Property access will have to be granted for access. Previous OI Comments=> Not many 12 in. plus trees. Could benefit from a light thinning. Nice stand. Mostly sugar maple. 60/40 SM/RM. Has not been thinned. Few big aspen around.										
Wld : Concur with FMFMD.										
<b>Total Acres.....</b>		<b>29</b>								



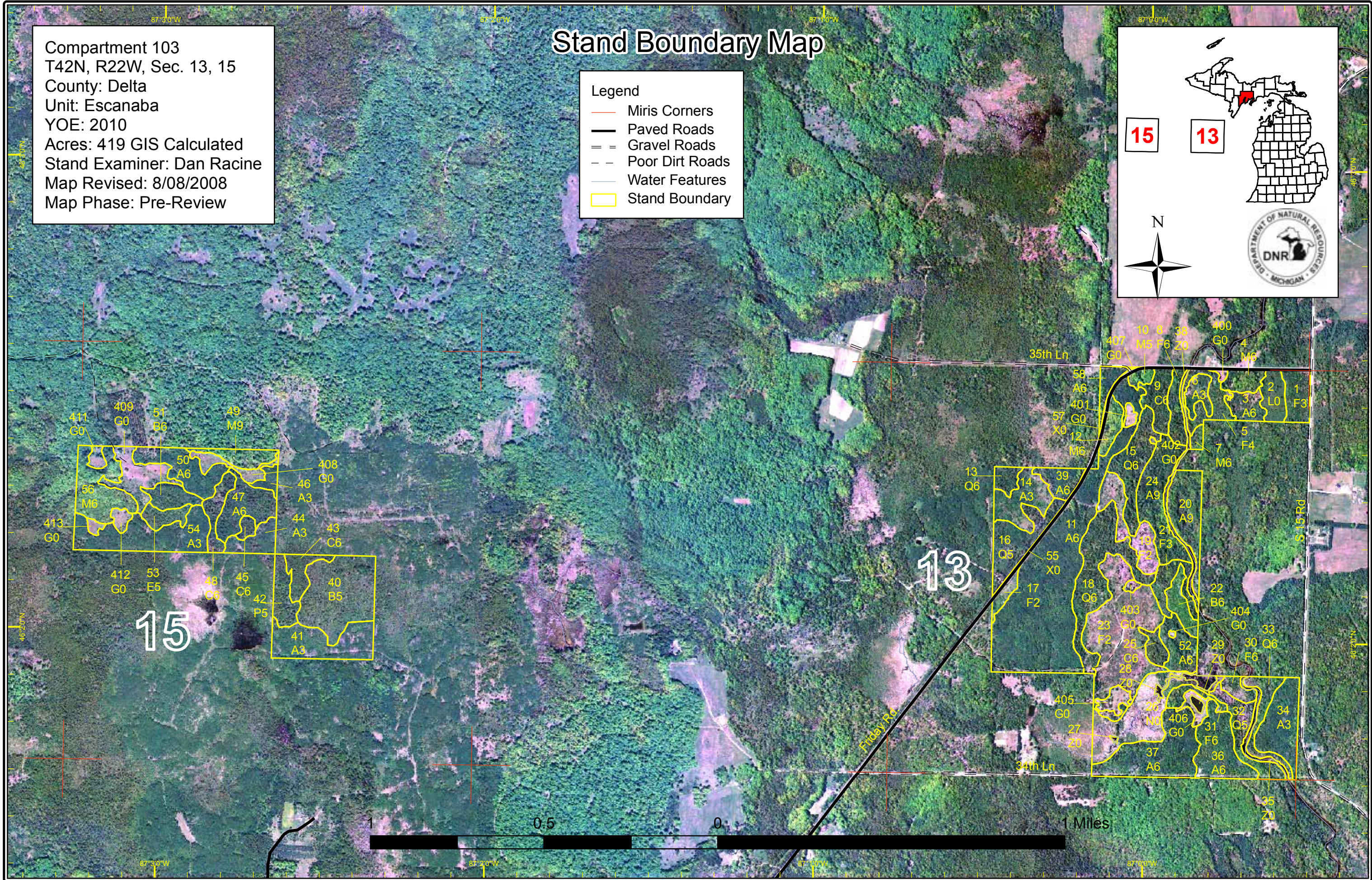
# Stand Boundary Map

Compartment 103  
T42N, R22W, Sec. 13, 15  
County: Delta  
Unit: Escanaba  
YOE: 2010  
Acres: 419 GIS Calculated  
Stand Examiner: Dan Racine  
Map Revised: 8/08/2008  
Map Phase: Pre-Review

- Legend
- Miris Corners
  - Paved Roads
  - Gravel Roads
  - Poor Dirt Roads
  - Water Features
  - Stand Boundary

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DEPARTMENT OF NATURAL RESOURCES  
DNR  
MICHIGAN







**DEDICATED CONSERVATION AREA DETAILS**

\* This is a list of Dedicated Biodiversity Areas for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to Dedicated Conservation Area Map for areas that the below listed Conservation Areas are located.

ERA = Ecological Reference Area  
 HCVA = High Conservation Value Area  
 SCA = Special Conservation Area

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.