



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #5705**

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on August 25, 2016.

LOCATION: PIGEON RIVER COUNTRY MGMT UNIT, 9966 TWIN LAKES RD, VANDERBILT, MI 49795.

CONTACT NAME: Scott Whitcomb

PHONE NUMBER: (989) 983-4101

PROSPECTUS NOTE: The bidder is advised to inspect the sale area and review the location, estimated volumes, operating costs and contract terms of proposed sales. Please be aware that some landowners may request 60 days or more notice for access across their land.

Notice is hereby given that bids will be received by the Unit Manager, PIGEON RIVER COUNTRY MANAGEMENT UNIT, for certain timber on the following described lands:

Lost Cabin SBW (53-015-16)

Otsego County, Advertised Price \$55,225.20, 66.4 Acres, Aspen, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: Please note seasonal operating restrictions in 5.2.3.11 and chipping restrictions in 2.2.9.

## TIMBER SALE INFORMATION

### Lost Cabin SBW (53-015-16)

Otsego County (Advertised Price \$55,225.20)

SALE NOTE: Please note seasonal operating restrictions in 5.2.3.11 and chipping restrictions in 2.2.9.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. Bids must be at or above the following advertised price for each species:

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>		<u>ADVERTISED PRICE</u>
Sawtimber			
Mixed Aspen	45.70	MBF	\$ 95.00 / MBF
Red Maple	4.00	MBF	\$ 151.00 / MBF
Red Pine	8.20	MBF	\$ 180.00 / MBF
Sugar Maple	7.00	MBF	\$ 350.00 / MBF
White Pine	12.90	MBF	\$ 99.00 / MBF
White Spruce	5.60	MBF	\$ 110.00 / MBF
Pulpwood			
Balsam Fir	209.00	Cords	\$ 24.85 / Cord
Mixed Aspen	1,738.00	Cords	\$ 17.80 / Cord
Mixed Hardwood	212.00	Cords	\$ 20.50 / Cord
Red Pine	12.00	Cords	\$ 57.65 / Cord
White Pine	77.00	Cords	\$ 23.25 / Cord
White Spruce	50.00	Cords	\$ 30.05 / Cord

### **BOND AND PAYMENT SCHEDULE:**

1. A bond in the amount of \$2,761.26 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule:
  - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
  - (b) The 10% down payment will be credited towards the first unit cut.
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2019.

**Description of Timber by Payment Unit (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	<i>B. T. Aspen</i>	<i>Sawtimber</i>	2.4	<i>MBF</i>	33.6	\$25,822.30
	<i>Balsam Fir</i>		2.4	<i>MBF</i>		
	Mixed Aspen		5.6	MBF		
	<i>Quaking Aspen</i>		3.2	<i>MBF</i>		
	Red Pine		8.2	MBF		
	White Pine		12.9	MBF		
	White Spruce		4.1	MBF		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	81.0	<i>Cords</i>		
	Balsam Fir		186.0	Cords		
	<i>Balsam Fir</i>		181.0	<i>Cords</i>		
	Mixed Aspen		752.0	Cords		
	Mixed Hardwood		44.0	Cords		
	<i>Quaking Aspen</i>		671.0	<i>Cords</i>		
	<i>Red Maple</i>		36.0	<i>Cords</i>		
	Red Pine		12.0	Cords		
	<i>Sugar Maple</i>		8.0	<i>Cords</i>		
	White Pine		50.0	Cords		
	White Spruce		44.0	Cords		
2	<i>B. T. Aspen</i>	<i>Sawtimber</i>	36.9	<i>MBF</i>	32.8	\$29,402.90
	Mixed Aspen		40.1	MBF		
	<i>Quaking Aspen</i>		3.2	<i>MBF</i>		
	Red Maple		4.0	MBF		
	Sugar Maple		7.0	MBF		
	White Spruce		1.5	MBF		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	824.0	<i>Cords</i>		
	Balsam Fir		23.0	Cords		
	<i>Balsam Fir</i>		23.0	<i>Cords</i>		
	Mixed Aspen		986.0	Cords		
	Mixed Hardwood		168.0	Cords		
	<i>Quaking Aspen</i>		162.0	<i>Cords</i>		
	<i>Red Maple</i>		112.0	<i>Cords</i>		
	<i>Sugar Maple</i>		56.0	<i>Cords</i>		
	White Pine		27.0	Cords		
	White Spruce		6.0	Cords		
TOTAL:			131.5	MBF		
TOTAL:			4,452.0	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Lost Cabin SBW**

**Sale Number: 53-015-16 Seq#: 1**

### **1 - Sale Area**

#### **1.2 - Boundaries**

##### **1.2.1 - Painted boundaries (1/14)**

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior retention areas are marked with a red X. Interior Payment Unit boundaries are marked with yellow paint. Red painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

### **2 - Timber Specifications**

#### **2.1 - Included Timber**

##### **2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)**

Within Payment Unit(s) #'s 1-2, cut all trees that are two (2) inches or more at DBH except for any green marked trees. In addition, do not cut any of the following species: basswood, hemlock, cedar, elm, oak, or birch. Also, in Payment Unit #2, do not cut any red pine or white pine over 10 inches DBH.

#### **2.2 - Utilization**

##### **2.2.9 - No chipping permitted (12/08)**

Within Payment Unit(s) #2, all wood must be removed by whole tree, tree segment, or roundwood. No chipping is permitted. Tops must be scattered evenly throughout the Payment Unit.

### **3 - Payments**

#### **3.3 - Pre-measured Sales**

##### **3.3.4 - Dividing payment units (7/14)**

Payment Unit(s) #1 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Supplement. There will be no divisions for Payment Unit #2.

#### **3.4 - Damaged Timber**

##### **3.4.1 - Damaged timber (6/14)**

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesigned live merchantable trees which are cut or injured. No damage is acceptable to merchantable trees. Within the sale area, if more than 10% of leave trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

In addition, extreme care should be taken to avoid damage to oak saplings.

### **4 - Transportation**

#### **4.1 - Construction**

##### **4.1.3 - Slash and earthen piles (8/04)**

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be dispersed throughout the sale.

##### **4.1.7 - Road closure (10/11)**

Overgrown roads that are reopened must be blocked to vehicle traffic upon completion of the sale. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. All stumps from road building and

landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the sale administrator for specific details of design and placement.

#### 4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads.

### 4.2 - Maintenance

#### 4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

## 5 - Operations

### 5.1 - Notification

#### 5.1.1 - Pre-sale conference (10/11)

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 10 days in advance to schedule the conference.

#### 5.1.4 - Post-sale conference (6/11)

A post-sale conference on site between the Purchaser and sale administrator is required 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

##### 5.2.1.2 - Slash Removal

##### 5.2.1.2.1 - Slash removal, right-of-way (12/04)

All slash must be removed at least 10 feet from the cleared right-of-way of Tin Shanty Road and Lost Cabin Trail.

##### 5.2.1.11 - Slash for reforestation (5/07)

To facilitate reforestation, the sale area shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

#### 5.2.2 - Hazard Trees/Snags

##### 5.2.2.1 - Den trees (2/04)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

#### 5.2.3 - Operating Restrictions

##### 5.2.3.11 - Coppice regeneration protection (4/10)

To limit elk browse damage and protect saturated soils, harvesting is limited to November 1st through March 31st.

Timber harvesting in any Payment Unit must be completed before significant aspen sprouting occurs in that Payment Unit so as to minimize damage to the new regeneration.

#### 5.2.4 - Dead and Down Creation

##### 5.2.4.7 - Dead and down creation: hare, grouse, deer and other species (5/15)

To improve horizontal cover habitat for snowshoe hare, grouse, deer, and other species, the Purchaser is to push over clumps of trees that are marked with blue paint. Marked clumps typically contain 4-6 marked trees. These trees should be tipped over with the root ball still attached so the base of the tree is suspended off the ground. The crown of the fallen tree should be at or near ground level after it is pushed over.

##### 5.2.29 - Shrub protection (9/07)

Do not cut or damage hawthorn, dogwood or junberry. Also, do not cut any black cherry over 4 inches in diameter. These

woody-shrub plants are highly beneficial to various wildlife species.

#### 5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

#### 5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

### 5.3 - Stream Protection

#### 5.3.1 - Operating near stream (7/04)

No tracked or wheeled vehicles shall be operated within 20 feet of the intermittent creek which runs through Payment Unit #1 and along the west edge of Payment Unit #2. No equipment may run in this area and no crossings will be approved.

### 5.4 - Soil Protection

#### 5.4.1 - Rutting restriction, general (1/09)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and skid trails which is 12 inches or greater in depth and 25 feet in length. It is the operator's responsibility to recognize and halt operations when weather conditions will create excessive rutting conditions.

The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

#### 5.4.2 - Skid trails (2/04)

Skid trails up and down slopes should be avoided. If however this is unavoidable, these trails will be left in a non-erodible condition using water bars, logs, and slash. Placing of slash on these skid trails while logging is ongoing may alleviate need for any further action. At the direction of the sale administrator, seed, fertilizer, and mulch may also be required.

### 5.8 - Protection of Endangered Species

#### 5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

## 6 - Safety and Fire Prevention

### 6.2 - Signing

#### 6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on Tin Shanty Road and Lost Cabin Trail prior to beginning operations. The road must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

**TIMBER SALE MAP**

This information provided by authority of Part 525, 1994 PA 451, as amended.

Sale Number

53 - 015

Year

16

Forest Management Unit  
Pigeon River CountryCounty  
OtsegoMapped By  
Rekowski  
Cruised By  
RekowskiDate  
05/05/2016Page  
1 of  
1Township  
32NRange  
01WSection(s) and Subdivision(s)  
34: NE1/4, NESE 35: SWNW, NWSW

Scale

1:7,920

**Cover Type**

A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water
G = Grass	MD = Mixed Deciduous	T = Tamarack	

**Density**

0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

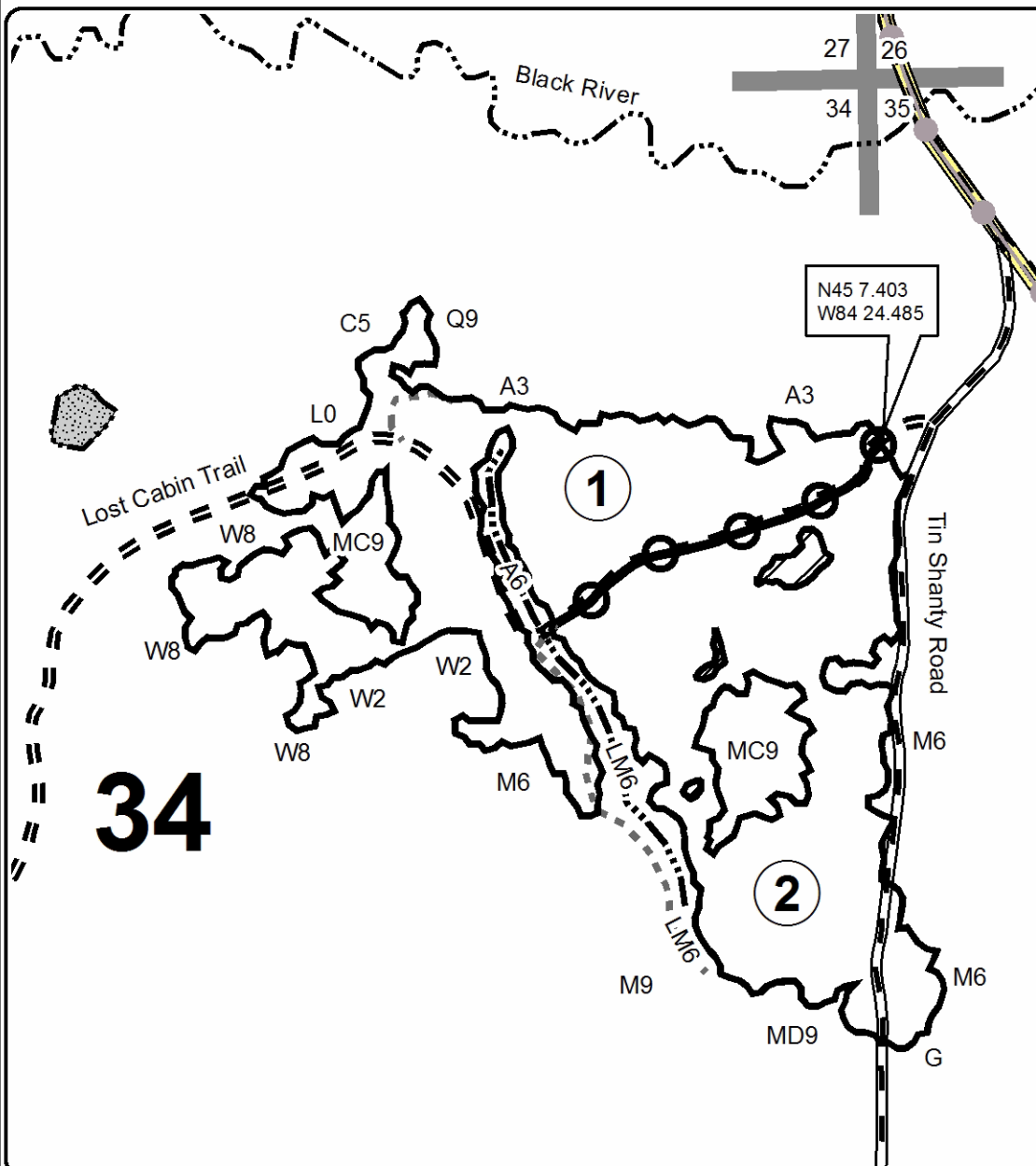
**PU Acres**

1	33.6
2	32.8

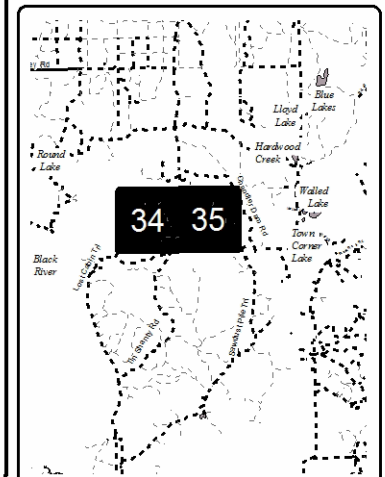
**Lost Cabin SBW**

Compartment 043

66.4 Acres

**Legend****Sale Boundary**

- Against State (Red)
- Payment Unit (Yellow)
- Retention (Red X)
- PU\_Label
- Gravel Roads
- Poor Dirt Roads
- Closed Roads
- Streams
- Section Corners

Locator Map  
1:200,000

0 0.125 0.25 0.5 Miles