

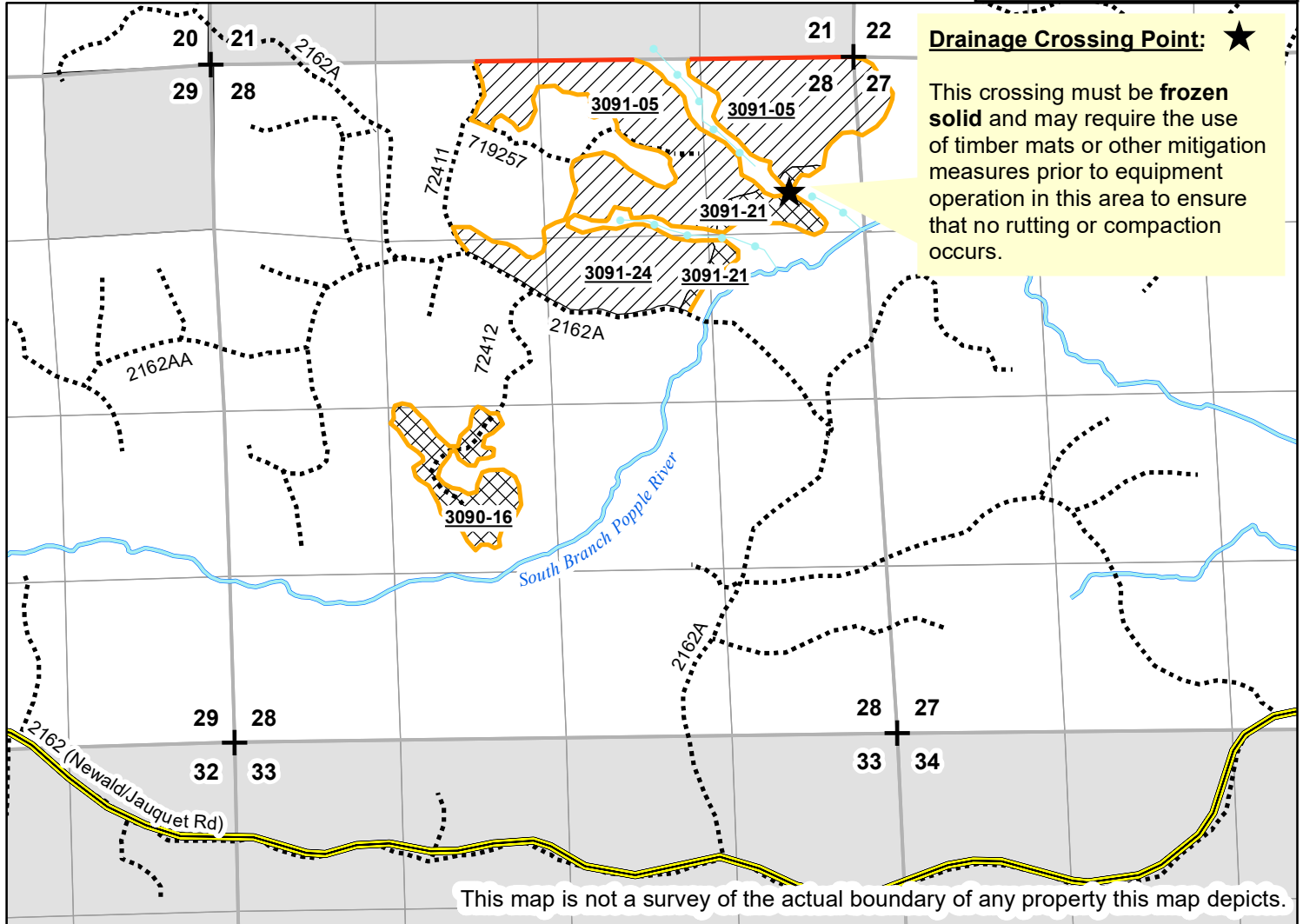
Good Neighbor Authority
Wisconsin Department of Natural Resources
 Eagle River-Florence Ranger District
 Chequamegon-Nicolet National Forest
 Sections 22 & 27-28, T38N R15E
 Florence County, WI

Swordfish Timber Sale
Tract Number: 8002-03-19

95 Total Acres

Legend	
	Northern Hardwood Selection
	Spruce-Fir Thinning
	Orange Boundary Line
	Private Property Line
	Other Ownership
	Woods Road
	Snowmobile Trail
	Streams
	Intermittent Stream
	Section Line
	Section Corner

DNR Contacts:
 Tyler Wood – (715) 889-3234
 Mapped by: Hillary Keller 03/18/19



This map is not a survey of the actual boundary of any property this map depicts.



Cutting Prescription:

- N. Hardwood Selection and Improvement (76 Acres):** Stands 3091-005, 3091-024
- Spruce-Fir Thinning (19 Acres):** Stands 3090-016, 3091-021

- Harvest all trees marked with **Blue Paint**.
- **N. Hardwood:** scattered gaps were created by marking all stems >1" in diameter with **BLUE PAINT** within a determined area (approx 25-60 feet across). All stems >1" in diameter marked with **BLUE PAINT** should be cut to create the gap.
- Cut all merchantable ironwood.
- Leave all standing snag and den trees that do not pose a safety hazard uncut.
- Damage to any residual trees will not be tolerated. Utilization will be to at least a 4 inch top.

General Sale Conditions:

- **Seasonal Restrictions:** harvesting and site-disturbing activities **may not occur** from April 1 through October 1.
 - Stand 3090-16: Harvesting will occur under frozen ground conditions only.
 - Stand 3091-05, 3091-21, 3091-24: Harvesting may occur in either dry fall or frozen ground conditions.
 - The drainage intersecting Stand 3091-05 and 3091-21 may only be crossed when frozen solid.
- Sale boundaries, reserve areas, and leave trees are marked with **Orange Paint**. Private property lines are marked with **Red Paint**.
- Do not harvest trees or operate equipment across **Orange and Red Paint** lines.
- Equipment must be cleaned and inspected by the DNR Sale Administrator before entering or leaving sale area.
- Purchaser required to post signs on USFS roads alerting recreationalists of timber harvest activities.
- All slash shall be pulled 10 feet from the edge of all roads, trails, private property lines, and riparian areas and should be lopped and scattered to lie within 2 feet of the ground for 100 feet from the South Branch Popple River edge.





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Swordfish Sale - Prospectus
Tract No.: 8002-03-19

Location: Florence County, WI

38N	R15E	27	NWNW
38N	R15E	28	NE ¼, NENW, SENW, NESW

Estimated Volumes and Values

Species	Cords	MBF
Mixed Hardwood ¹	525	50
Hard Maple		6
Aspen	220	
Spruce ²	85	
Balsam Fir	30	
TOTALS	860 Cords	56 MBF

Minimum Acceptable Bid: \$22,821.50

All volume estimates were obtained using the "Cruise Sheet" volume estimating system. Plot data includes measuring individual tree diameter and # of 8 foot sticks per sample tree to calculate volumes.

¹ Mixed hardwood cordwood contains approximately 58% hard maple, 23% basswood, 10% black cherry, 6% red maple, 2% ironwood, and 1% elm. Mixed hardwood sawtimber contains approximately 96% basswood and 4% red maple.

The cordwood conversion rate for mixed hardwood will be 2.35 tons per cord.

² Spruce will be sold as mixed product class containing approximately 85 cords of cruised white spruce and which may contain small quantities of white spruce sawtimber, red pine pulp, and red pine sawtimber which were not captured in the cruise data but may be marked for harvest removal. Spruce conversion rate is 2.00 tons/cord.

Sale Conditions:

- Mill Scale Sale
- No bid bond required
- A performance bond of 15% of the total sale bid value required
- The cutting area is approximately **95 acres**
- **The contract period is 3 years**
- **Stand 3090-16: Harvesting will only occur under frozen ground conditions.**
- **Stand 3091-05, 3091-21, and 3091-24: Harvesting may occur in either dry fall or frozen ground conditions. The drainage intersecting Stand 5 and Stand 21 may only be crossed when frozen solid.**
- **Harvesting or other site-disturbing activities may not occur from April 1 through October 1.**
- Sale bounded by **ORANGE** boundary line paint, **RED** property line paint, and established roads. See sale maps for specifics.

- Do not harvest trees, drop slash, or operate equipment across **ORANGE or RED** paint lines.
- Damage to any residual trees will not be tolerated.
- Leave all standing snag and den trees that do not pose a safety hazard uncut.
- Utilization will be to a 4" top

- **Cutting Prescriptions**
 - Northern Hardwood Selection: 3091-05, 3091-24
 - Harvest all trees marked with **BLUE PAINT.**
 - Scattered gaps were created by marking all trees and stems over 1 inch in diameter with BLUE PAINT within a determined area (approximately 25 to 60 feet across). All stems over 1 inch in diameter that are marked with BLUE PAINT should be cut to create the gap.
 - **Cut all merchantable ironwood.**
 - Spruce-Fir Thinning: 3090-16, 3091-21
 - Harvest all trees marked with **BLUE PAINT.**
 - **Cut all merchantable ironwood.**

Special Conditions:

- **NO SALE MAY BEGIN WITHOUT PRIOR NOTIFICATION AND AN ON-SITE MEETING WITH A WISCONSIN DNR SALE ADMINISTRATOR.**
- Purchaser required to post signs on USFS roads alerting recreationalists of thinning activities.
- **Snowmobile Restrictions:** Hauling is prohibited on the Snowmobile Trails on Federal Holidays, weekends starting noon on Friday through midnight Sunday, and between Christmas Day and New Year's Day. At all times during the snowmobile season, keep at least 4 inches of packed snow on the trail. Keep trail clearing (10 feet from the edge of the trail) cleared of debris resulting from purchaser's operations as work progresses. Do not deck wood on inside curves, where it could obscure oncoming traffic.
- Equipment must be cleaned and inspected by the DNR Sale Administrator before entering and leaving the sale area to prevent the introduction/spread of invasive species.
- Seasonal Restrictions:
 - **Stand 3090-16: Harvesting will only occur under frozen ground conditions.**
 - **Stand 3091-05, 3091-21, and 3091-24: Harvesting may occur in either dry fall or frozen ground conditions. The drainage intersecting Stand 3091-05 and Stand 3091-21 may only be crossed when frozen solid.**
 - **Harvesting or other site-disturbing activities may not occur from April 1 through October 1.**
- All slash shall be pulled 10 feet from the edge of all roads, trails, private property lines, and riparian areas, and shall be lopped and scattered to lie within 2 feet of the ground for 100 feet from the South Branch Popple River edge.
- **Drainage Crossing:** There is a drainage crossing point in Stand 3091-21 which is required to access the northeast corner of Stand 3091-21 and the eastern section of stand 3091-05. **This crossing must be frozen solid and may require the use of timber mats or other mitigation measures prior to equipment operation in this area to ensure that no rutting or compaction occurs.**
- Chequamegon-Nicolet Forest Plan requires that all native surfaced approaches to paved or graveled roads have 100 ft. of gravel, 6 in. deep, 12 ft. wide put down when used during non-frozen conditions.
- The location and clearing widths of all Temporary Roads shall be agreed to in writing before construction is started. "Temporary Roads" are roads other than Specified Roads that are constructed by Purchaser for the purpose of harvesting included timber.
- When two or more commercial users are simultaneously using the same road, the commercial users will develop maintenance responsibilities and arrangements for accomplishing the work.

Seller must agree to this plan. If the commercial users cannot agree on maintenance responsibilities, seller shall resolve the differences.

- Temporary roads shall be closed at the end of the sale with berms. Berms must be constructed at locations designated by DNR Sale Administrator and shall be created using the following design features:
 - Berms must be at least four feet in height
 - Berms must be made with dirt mixed with rocks, stumps, logs, root-wads, or slash and shall be created without creating a defined trench.

Road Restrictions List

Road Number	Road Name	Termini		Map Legend	Description of Restrictions
		From	To		
2162	Newald/Jauquet Road	Highway 139	2162A	R A	1. Use only during surface firm or frozen conditions. 2. Hauling is prohibited on the Snowmobile Trails on Federal Holidays, weekends starting noon on Friday, through midnight Sunday, and between Christmas Day and New Year's Day. At all times during the snowmobile season, keep at least 4 inches of packed snow on the trail. Keep trail clearing (10 feet from the edge of the trail) cleared of debris resulting from purchaser's operations as work progresses. Do not deck wood on inside curves, where it could obscure oncoming traffic.
2162A		2162	End of Use	R	1. Use only during surface firm or frozen conditions.
72411		2162A	End of Use	R	1. Use only during surface firm or frozen conditions.
719257		72411	End of Use	R	1. Use only during surface firm or frozen conditions.
72412		2162A	End of Use	R	1. Use only during surface firm or frozen conditions.

Road Maintenance Requirements Summary

Purchaser shall maintain roads, commensurate with Purchaser's use. Roads must be left in as good or better condition than existed prior to harvest. Performance of road maintenance work by Purchaser may be required prior to, during, or after each period of use. The timing of work accomplishment shall be based on Purchaser's operating schedule and road conditions. Specific required road maintenance specifications are included below.

Purchaser shall maintain roads in accordance with the following Contract Road Maintenance Requirements Summary:

Contract Road Maintenance Requirements Summary

Road	Termini		Miles	Timing: Pre-haul During Post haul	Applicable Road Maintenance Specifications											
	From	To			8110	8420										
2162	Highway 55	2162A	4.13	During Post Haul	X											
2162A	2162	End of Use	1.38	During Post Haul	X											
72411	2162A	End of Use	0.31	During Post Haul	X											
719257	719257	End of Use	0.39	Post Haul	X											
72412	2162A	End of Use	0.49	Pre Haul Post Haul	X	X										

Specification No.	Specification Title
T-8110	Maintenance Blading/Grading
T-8420	Cutting Roadway Vegetation

T-8110: Maintenance Blading/Grading is keeping an aggregate surfaced Roadbed in a condition to facilitate traffic and provide proper drainage. It includes maintaining the Crown, Inslope or Outslope of the Traveled Way, Turnouts, and Shoulder; repairing Berms; blending approach road intersections; and cleaning Drainage Dips and Lead-off Ditches.

T-8420: This work includes removal of brush, trees and other vegetative growth from within the clearing limits. This may include brush mowing of shoulders to prevent larger growth which would inhibit travel in the future.