

State of Alaska
Department of Natural Resources
Division of Forestry & Fire Protection



Coastal Region-Southeast Area Office
Forest Land Use Plan

Odyssey Timber Sale
Exchange Cove Subunit
SSE-1391-1
July 2025

Abbreviations

ADEC	Alaska Department of Environmental Conservation
ADF&G	Alaska Department of Fish and Game
ADNR	Alaska Department of Natural Resources
BIF	Best interest finding
DMLW	Division of Mining, Land and Water
DOF	Division of Forestry & Fire Protection
FLUP	Forest Land Use Plan
FRPA	Alaska Forest Resources and Practices Act
FYSTS	Five-Year Schedule of Timber Sales
MBF	Thousand board feet
OHA	Office of History and Archeology
POG	Productive old growth
POW	Prince of Wales
POWIAP	Prince of Wales Island Area Plan
ROW	Right-of-way
SESF	Southeast State Forest
SESFMP	Southeast State Forest Management Plan
UA	University of Alaska
USFS	United States Forest Service

Draft Forest Land Use Plan for Odyssey/Exchange Cove Timber Sale SSE-1391-1

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I. Introduction

Project File Number: SSE-1391-1

Division of Forestry & Fire Protection Office: Southeast

Area Forester: Greg Staunton

Forest Practices Geographic Region (AS 41.17.950): Region I

This Forest Land Use Plan (FLUP) covers proposed forest operations on approximately 107 acres of land on Prince of Wales Island, approximately 6.5 miles to the north of the community of Whale Pass. It is intended to provide the best available information regarding the proposed harvest of timber, and management of other non-timber uses in compliance with AS 38.05.112 and AS 41.17.060, and must be adopted by the DNR before the proposed activity can occur.

☒ This Draft Forest Land Use Plan is for timber sale(s) which have been determined to be in the best interest of the state pursuant to AS 38.05.035 (e) and AS 38.05.945. This FLUP does not determine whether or not to access and sell timber within the timber sale area, nor the method of sale. Those decisions have been made previously in the Best Interest Finding and are not appealable under this FLUP.

☐ This Forest Land Use Plan is for timber sale(s) for which a Preliminary Best Interest Finding was concurrently out for review. A final best interest finding must be completed prior to adoption of a FLUP pursuant to AS 38.05.035 (e) and AS 38.05.945;

☐ This Forest Land Use Plan is for timber to be harvested that does not require a final finding pursuant to AS 38.05.035 (e) and notification under AS 38.05.945.

A draft of this plan was distributed to the Alaska Department of Fish & Game (ADF&G) and the Department of Environmental Conservation (DEC) for their review and comments relevant to the consistency of this proposed project with the statutes governing forest land use plans (AS 38.05.112) and the requirements of the Alaska Forest Resources & Practices Act (AS 41.17) and its Regulations (11 AAC 95).

The public and agencies are invited to comment on specific requirements for harvest, access, and reforestation operations in this draft FLUP. The decision on whether or not to offer timber for sale is made through the best interest finding process, and is not subject to review under the FLUP. Objections or comments pertaining to the draft FLUP must be received in writing by the DOF Southeast Area Office by **August 18, 2025** in order to ensure consideration for review. Comments should be mailed to the State of Alaska, Division of Forestry & Fire Protection, 2417 Tongass Avenue, Suite 213, Ketchikan, AK 99901 or by email to dnr.dof.sse@alaska.gov. To be eligible to participate in any appeal or request for reconsideration to the final decision, a person must be affected by the decision, and must have submitted comment to the preliminary decision during the comment period.

☒ Other Documents are referenced in this FLUP. This timber sale is designed to be consistent with the management intent of the following documents:

- Alaska Forest Resources & Practices Act
- Prince of Wales Island Area Plan
- **ODYSSEY** Timber Sale Best Interest Finding SSE-1391-K

The administrative record for this sale is maintained at the Division of Forestry & Fire Protection Southeast Area Office filed as SSE-1391-1. The file is a sub-file within the Odyssey Timber Sale SSE-1391 K.

A. Legal description

Sections 20, 29 and 32, Township 65 South, Range 80 East, Copper River Meridian (CRM). The sale area is found within the Petersburg A-4 NE USGS quadrangle. See attached map titled: Appendix A, SSE-1391-1 Exchange Cove Timber Sale Harvest Area Map.

B. Operational Period

Approximately Summer 2025 through end of 2030.

C. Timber Disposal

- ☐ Timber will be sold and will have a contract administrated by the State.
- ☐ Timber will be available to the public; permits obtained by the public will be issued by the State.
- ☒ Other. Note: this timber has been sold Viking Lumber Company Inc. and is administered in a contract that was executed on June 30, 2025.

D. Objectives and Summary

1. To follow the Alaska Department of Natural Resources' (ADNR) constitutional mandate to encourage the development of the State's renewable resources, making them available for maximum use consistent with the public interest;
2. To help the State's economy by providing royalties to the State in the form of stumpage receipts, an infusion to the State's economy through wages, purchases, jobs, and business.
3. To help the local economy of the communities within southern Southeast Alaska by creating additional jobs due to the combination of road building, logging, trucking and potentially milling.

II. Affected Land Owners/Jurisdictions

A. State

Activity on ownership:	Access Easement	Harvest	Written Representative Approval
<input type="checkbox"/> Southeast State Forest	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Other state land managed by DNR	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> University of Alaska	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Mental Health Trust	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> School Trust	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

B. Other Land Interests

Land Interest, Representative:

III. Harvest Methods, Silvicultural Actions, and Management of Non-timber Resources

Forest operations will be designed to:

- Protect fish habitat and water quality in compliance with the best management practices in 11 AAC 95.260-.370,
- Manage for the other land uses and activities identified in AS 41.17.060 and the Best Interest Finding for this timber sale, and
- Ensure prompt reforestation and maintenance of site productivity in compliance with AS 41.17.060(c) and 11 AAC 95 .375-.390.

Harvest and Silvicultural Methods:

- ☒ The silvicultural actions are described in this document, and no prescription was written or is necessary.
- ☐ A silvicultural prescription has been written and is attached to this document in Appendix B.

A. Timber Stand Description and History

The proposed harvest area is primarily composed of commercial forest with old growth characteristics. Western red cedar makes up most of the commercial species along with minor components of western hemlock Sitka spruce and Alaska yellow cedar. The timber identified in this sale is largely on poorly drained organic soils with steeper areas composed of limestone topography. The larger and better-quality timber is located on the well-drained soils with steeper terrain.

B. Timber Harvest Activities

Timber Harvest Activities are displayed in Table 1.

Table 1. Timber Harvest Activities

Unit-Setting ID	Acres	Topography	Silvicultural Action	Logging Method
1	25.6	Irregular Slopes	Even-aged Management utilizing a clear-cut system	Shovel Logging
2*	36.5	Irregular Slopes	Even-aged Management utilizing a clear-cut system	Shovel Logging
3	8.4	Irregular Slopes	Even-aged Management utilizing a clear-cut system	Shovel Logging
110*	34.4	Hillside	Even-aged Management utilizing a clear-cut system	High Lead Cable
210	1.7	Hillside	Even-aged Management utilizing a clear-cut system	High Lead Cable
Total	106.6			

*Approximately 9 acres will be retained in Units 110 and 2 for a deer travel corridor.

C. Site Preparation

☒ Site preparation will not be necessary. There will be sufficient soil disturbance by logging to forego the need for additional ground scarification.

☐ Site preparation will be implemented and described in Table 2:

Table 2. Site Preparation

Unit ID	Acres	Site Preparation Method	Date of Completion
		Not Applicable	

D. Slash Abatement

- ☐ Potential for insect infestations caused by slash accumulations exists. Slash abatement for controlling infestations will be implemented as required by 11 AAC 95.370.
- ☒ Scatter slash; accumulations will be kept to less than 2 feet in height. The operator will use slash for puncheon in shovel logging trails to protect soil from displacement, erosion and compaction.
- ☒ Slash will be disposed of by the operator ☐ Slash will be disposed of by the State
- ☐ Other - method of slash disposal: ☐ removal off site ☐ crushing or grinding ☐ burning
- ☐ Burn permits necessary from DOF and DEC to be acquired.
- ☐ The operator will contact the DOF local area office prior to ignition of debris.

E. Soil Stability / Erosion / Mass Wasting

- ☐ Maximum percent slopes are $\leq 50\%$
- ☒ Maximum percent slopes are $> 50\%$

Percentage of sale area with slopes $> 50\%$: approximately 28%

Maximum percent slopes: 90%

Steeper hillside is associated with karst bed rock formations in Unit 210.

- ☒ There are no indicators of unstable areas.
- ☐ Indicators of unstable areas were identified and will be mitigated by actions indicated below.

F. Timber Harvest—Surface Water Protection

- ☐ There are no streams or lakes abutting or within a harvest unit.
- ☒ Known surface waters and protection measures are described in Table 3 below. *Locations are included in the operational map in the Appendices.*

Table 3. Protection for Known Surface Waters

Unit	Waterbody Name	AS 41.17.950 Classification	ADF&G AWC #	Required Riparian Protection	Site-specific actions to minimize impacts on riparian area
1	Numerous unnamed	Surface Waters $> 12\%$	NA	Follow Best Management Practices (BMPS)	Split yarding, directional felling, removal of logging debris from waters
110	Several unnamed	Surface Waters $> 12\%$	NA	Follow Best Management Practices (BMPS)	Split yarding, directional felling, removal of logging debris from waters

Unit	Waterbody Name	AS 41.17.950 Classification	ADF&G AWC #	Required Riparian Protection	Site-specific actions to minimize impacts on riparian area
2	Numerous unnamed	Surface Waters >12%	NA	Follow Best Management Practices (BMPS)	Split yarding, directional felling, removal of logging debris from waters
3	Numerous unnamed	Surface Waters <12%	NA	Follow Best Management Practices (BMPS)	Split yarding, directional felling, removal of logging debris from waters

Note: All the above surface waters are proximate to the estuary area of cataloged stream 106-30-10850. ADFG visited the site 6/04/2025 and concurs with the represented classifications.

Surface waters listed above were reviewed by the Department of Fish and Game:

- ☒ During the timber sale planning process
- ☒ During the agency review conducted for the Best Interest Finding for this sale
- ☒ During the drafting of this Forest Land Use Plan
- ☐ Stream Crossings (Title 16) Permits are needed per ADF&G Division of Habitat

Surface waters listed above were reviewed by the Department of Environmental Conservation:

- ☒ During the timber sale planning process
- ☒ During the agency review conducted for the Best Interest Finding for this sale
- ☒ During the drafting of this Forest Land Use Plan

Non-classified surface waters are subject to applicable BMPs in 11 AAC 95.

Notes:

G. Wildlife Habitat

- ☒ Wildlife species and allowances for their important habitats were addressed in writing by the Department of Fish & Game during the Best Interest Finding review.
- ☒ Wildlife species and allowances for their important habitats were addressed in writing by the Department of Fish & Game during the drafting of this Forest Land Use Plan.

Silvicultural practices to be applied to minimize impacts to wildlife habitat or wildlife management:

- ☐ Timber retention - concentrations of timber surrounding harvest units, or interspersed within harvest units to provide cover.
- ☒ Snag Retention- snags or isolated trees left for cavity nesting species.
- ☐ Large Woody Debris – concentrations of downed timber or logging debris interspersed within harvest units to provide cover left on site.
- ☒ Other actions

Notes:

- To the extent that safety permits, Snags and obvious cull trees without Dwarf Mistletoe may at the purchaser's discretion be left standing at a density of three per acre. The intent is to provide bat roosting and bird habitat. Cull western red and yellow cedar snags are preferred over western hemlock
- A 300-foot wide vegetated (timbered) corridor will be retained in Units 110 and 2 for a deer travel way. The corridor will be continuous between the west side of the unit and the undisturbed timber adjacent to the estuary on the east side of the units.

H. Cultural and Historical Resource Protection

- ☒ This project was reviewed by the State Historic and Preservation Office (SHPO).
- ☒ No artifacts have been reported within the project area(s).
- ☐ Known or likely sites have been identified and a mitigation plan is in place. (Describe the mitigation actions.)

I. Other Resources Affected by Timber Harvest and Management

- ☒ There are other resources and areas of concern besides surface water, fish habitat, and wildlife habitat that may be affected. Mitigations actions were addressed in the Best Interest Finding.

Table 4. Other Affected Resources / Areas of Concern

Impacted Resource	Reviewing Agency	Impact/ Mitigation Actions
Safety	DOF	Public proximity/see notes

- ☐ There are no affected resources or areas of concern other than surface water, fish habitat, and wildlife habitat, which are addressed in this Forest Land Use Plan.

Notes:

Warning signs shall be posted where harvest activity such as falling, yarding, or trucking are occurring on or adjacent to the existing road system.

J. Reforestation

Harvest type as it relates to reforestation requirement:

- ☒ Clearcut
- ☐ Region I: Partial Harvest leaving more than 50% live basal area (11 AAC 95.375(b)(3))

- ☐ Region II or III: Partial Harvest relying on residual trees to result in a stocking level that meets standards of 11 AAC 95.375(b)(4).

Season of harvest:

- ☐ Winter harvest only
☐ Non-winter harvest only
☒ All-season harvest

Regeneration type:

- ☒ Natural regeneration

List species: Sitka spruce (*Picea sitchensis*), western red cedar (*Thuja plicata*), western hemlock (*Tsuga heterophylla*).

- ☐ Coppice
☐ Artificial regeneration
☐ Seeding: Species and source of seed (general vicinity location of seed source)

☐ Planting: Species: _____ Date of proposed planting: _____
Source of seedlings (location of seed source): _____

IV. Roads and Crossing Structures

A. Road Design, Construction, and Maintenance

Roads will be designed, constructed, and maintained to prevent significant adverse impacts on water quality and fish habitat (AS 41.17.060(b)(5)), and site productivity (AS 41.17.060(c)(5)). Roads will comply with the best management practices in the Forest Resources and Practices Regulations (11 AAC 95.285 – 95.335). All roads used in this timber sale will conform at a minimum to the Division of Forestry Road Standards, site specific design may supersede this standard and will typically be specified and applied through the timber sale contract.

Roads or other means required for the access and removal of this timber from the harvest area(s) or unit(s) are listed in Table 5A and 5B.

Table 5A. Road Reconstruction and Use

Road ID	Segment	Harvest Unit	Mile**	Road Class	Constructed and Maintained By	Construction Objective
558	All	3	0.05	Spur	Purchaser	Reestablish a maintainable surface, drainage and clearing limits, refurbish turnouts
Total			0.05			

Table 5B. New Road Construction and Use

Road ID	Segment	Harvest Unit	Mile**	Road Class	Maximum Grade %	Constructed By	Maintained By
Loading Spur 1	All	1	0.09	Spur	18	Purchaser	Purchaser
Loading Spur 2	All	1	0.06	Spur	16	Purchaser	Purchaser
Total			0.15				

Road Class is as defined in the DOF Road Standards.

**Note: Roads must be less than 20% grade per 8 AAC 61.1060 Additional Logging Standards.*

*** One station equals 100 feet. One mile equals 5,280 feet.*

Notes: “Trucks Entering Highway” shall be posted near the junctions of active forest road systems and the existing USFS road systems when hauling rock or timber.

B. Road Erosion / Mass Wasting

Maximum percent side slopes of roads: 20%

☒ Maximum percent side slopes are $\leq 50\%$

☐ Maximum percent side slopes are $> 50\%$

☐ There are no indicators of unstable areas where roads will be constructed.

☐ Indicators of unstable areas were identified and will be mitigated by actions indicated below:

Table 6. Road Erosion Control Risk and Mitigation

Road ID	Segment	Mile/ Station or Point Label	Identified Erosion Risk	Risk Level	Mitigation
All	--	--	None	<i>Low</i>	Closure end of harvest (waterbars, cross drains)

C. Crossing Structures

Are you removing or replacing drainage structures? ☐ YES ☒ NO

☐ No crossing structures are needed within the project area.

☒ Crossing structures will be placed in access roads as described in the table below:

Table 7. Required Drainage and Crossing Structures on Known Surface Waters

Road ID	Segment	Mile/ Station or Point Label	Bridge Length (ft.) or Culvert Diameter (in.)	Structure Type	AS 41.17.950 Stream Classification	ADF&G AWC Number	Duration of crossing structure in place
L.S. #1	1	0+20	18"x30'	CPP	Ditch	N/A	Close of Timber Sale
L.S.#1	2	2+00	24"x30'	CPP	Less than 12% Tributary	N/A	Close of Timber Sale

Road ID	Segment	Mile/ Station or Point Label	Bridge Length (ft.) or Culvert Diameter (in.)	Structure Type	AS 41.17.950 Stream Classification	ADF&G AWC Number	Duration of crossing structure in place
L.S.#2	1	0+20	18"x30'	CPP	Ditch	N/A	Close of Timber Sale

D. Road Closure

Roads constructed for the timber sale that are left open will be subject to maintenance standards under 11 AAC 95. 315. Otherwise, roads constructed for the timber sale will be closed, subject to standards under 11 AAC 95.320.

Table 8. Road Closures

Road ID	Segment	Unit	Closure Type All Season/Winter	Estimated Closure Date	Projected Road Use after Timber Harvest
Loading Spur 1	All	1	FRPA Closure	End of Sale	None
Loading Spur 2	All	1	FRPA Closure	End of Sale	None
558	All	3	FRPA Closure	End of Sale	None

E. Material Extraction

- ☒ There will be no material extraction sites in the project area.
- ☐ Material extraction and associated overburden disposal will be located outside of riparian areas and muskegs. Material extraction and disposal will be in a manner that prevents runoff from entering surface waters. All material sites will require the submittal of site plans and prior approval of the DOF.
- ☐ Other:

F. Other Resources Affected by Roads or Material Extraction

List resources other than water, habitat or cultural resources potentially impacted by road construction, and indicate how impacts will be mitigated. Other affected resources could be, but are not limited to mining claims, scenic areas, recreational trails, etc.

Table 9. Other Affected Resources

Impacted Resource	Reviewing Agency	Impact / Mitigation Actions
Road Public Safety	DOF	<ul style="list-style-type: none">• Provide sight distance or space for passing with turnouts or two-way vehicle traffic.• Sign traffic area and communication plans.• Control purchaser vehicle speeds in contract based on conditions.

V. Approvals

This Draft Forest Land Use Plan has been reviewed by the Division of Forestry & Fire Protection and provides the information necessary to be reviewed by the Department of Natural Resources as required by AS 38.05.112.

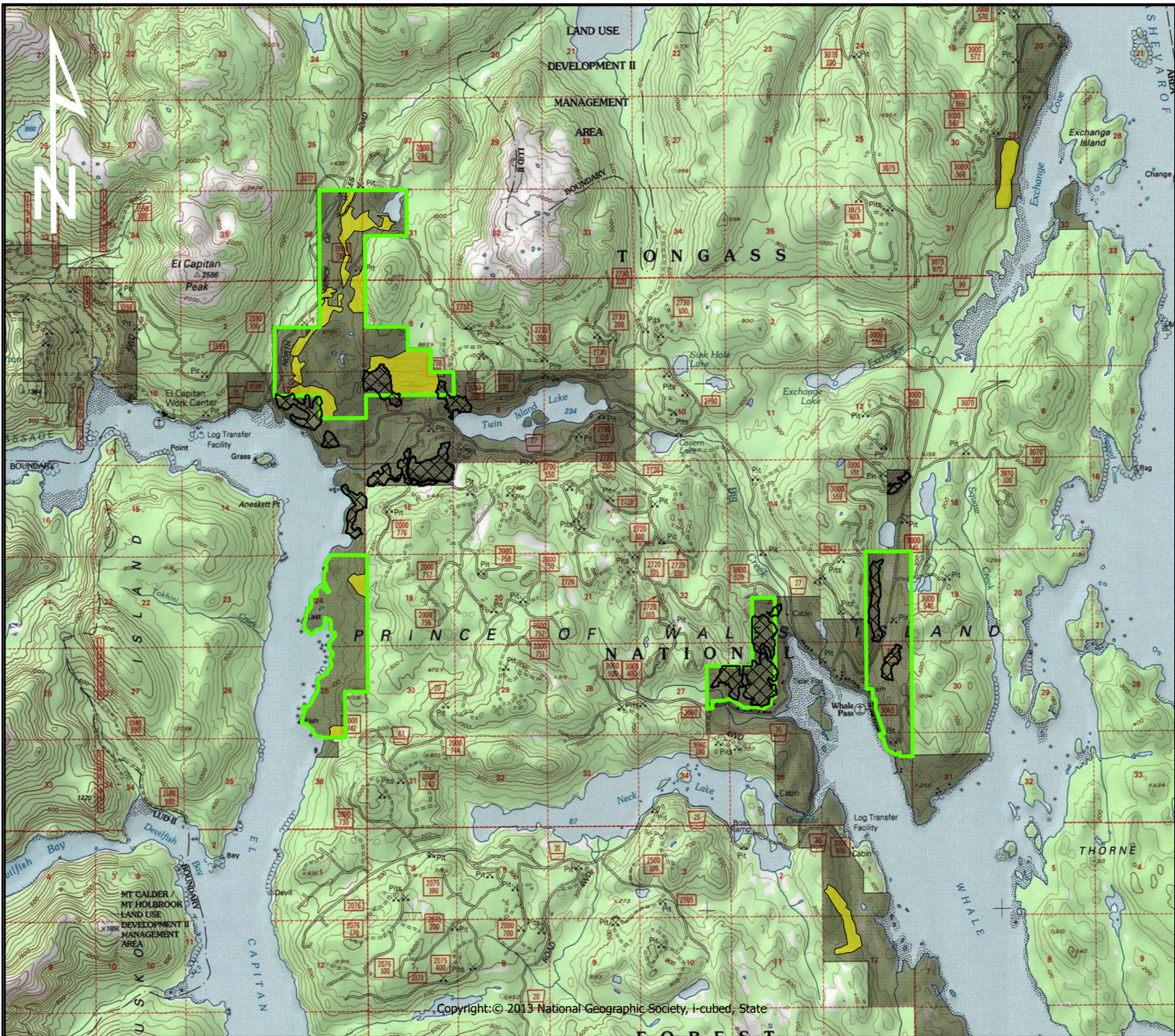
_____	_____
Area Forester	Date
Division of Forestry and Fire Protection	

If you have any questions, please contact the Southeast Area Office at (907) 225-3070 or e-mail dnr.dof.sse@alaska.gov.

Appendix A: Timber Sale Maps

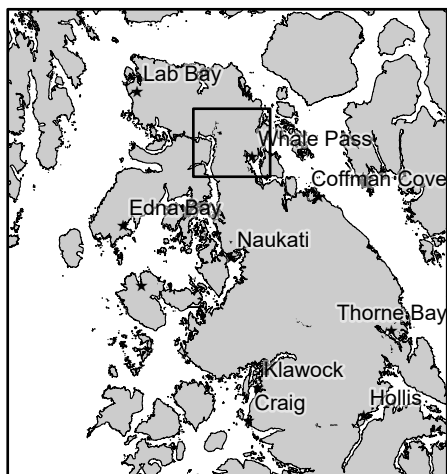
Appendix A1 Vicinity Map (1 page)

Appendix A2 Unit Map (1 page)

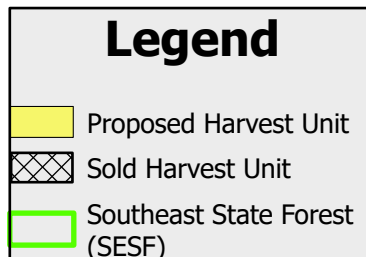


0 0.5 1 2 3 4 Miles

Area Map 1 in = 1.6 Miles

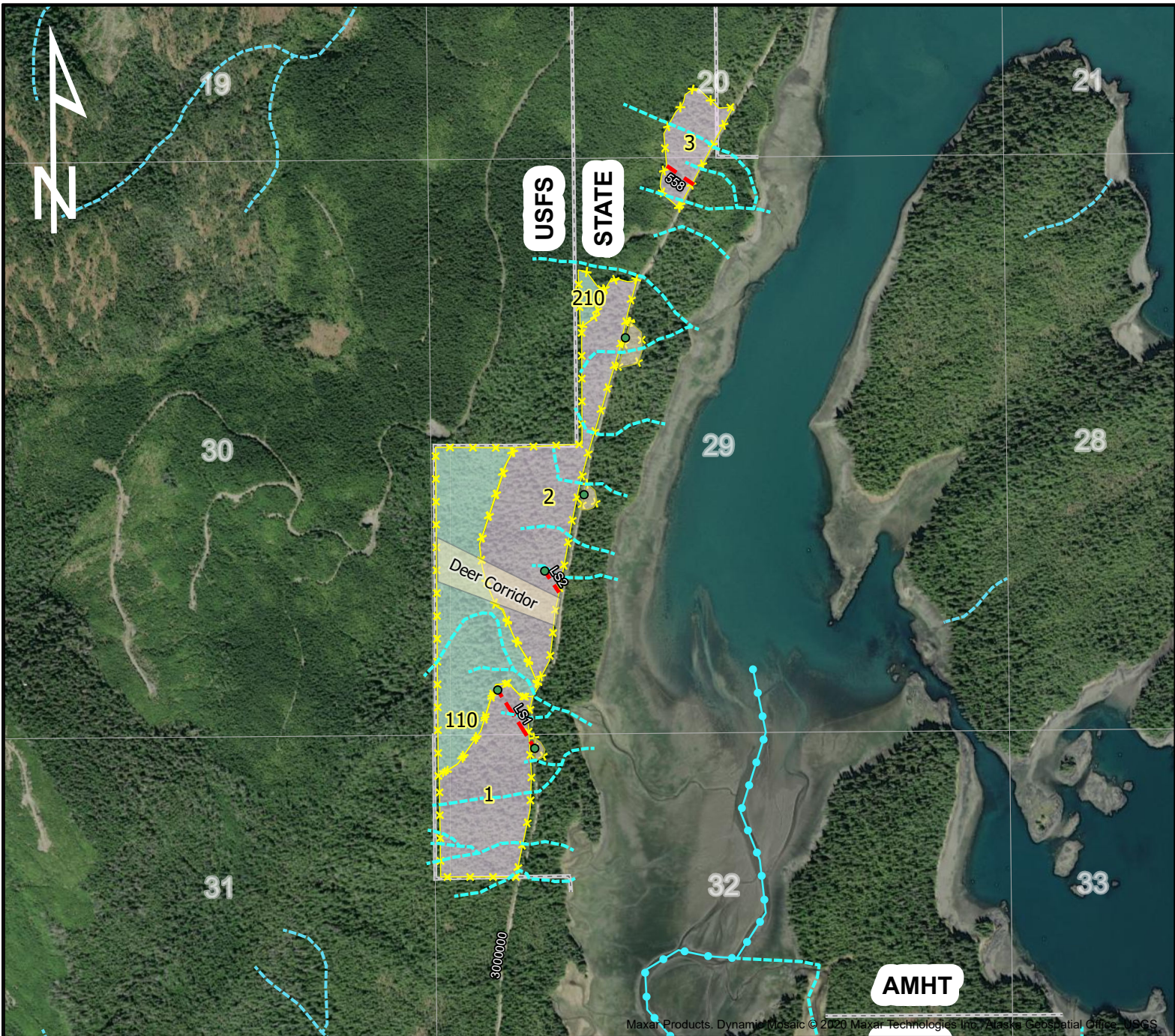


Vicinity Map 1 in = 32 miles



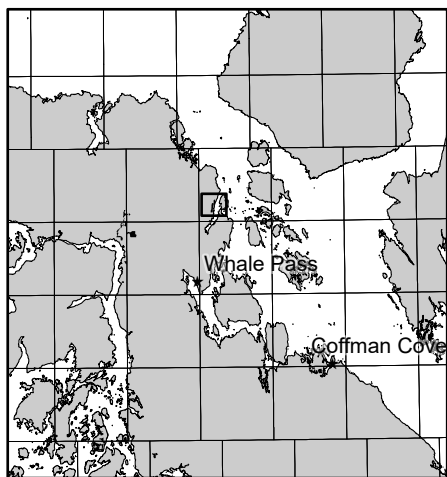
APPENDIX A1 SSE-1391-K ODYSSEY TIMBER SALE AREA MAP





0 1,500 3,000
Feet
Area Map 1 IN = 1,320 FT

Meridian/ Township/ Range: C065S080E



Vicinity Map 1 IN = 16 miles

Legend

- Cable Setting
- Ground Based Yarding
- Deer Corridor
- Proposed Road
- Landing

Streams

- General Water Quality
- Water Quality Class D
- Water Quality Class C
- Cataloged Anadromous
- Non Cataloged Anadromous
- Resident Fish
- Property Line

APPENDIX A2 SSE-1391-K ODYSSEY TIMBER SALE EXCHANGE COVE SUBUNIT 1B



Appendix B: Supporting Information

Note: Silvicultural and stand information has also been described in the BIF.

Alaska Forest Practices and Regulations.

<http://forestry.alaska.gov/forestpractices>

Forest Road Standards.

http://forestry.alaska.gov/Assets/pdfs/resources/forest_road_standard_design_20151231.pdf

Appendix C: Appeal Statutes and Regulations

(Reserved)

Appendix D: DRAFT FLUP Public Comment

(Reserved)