



United States Department of Agriculture
Forest Service

Errata for the Final Environmental Impact Statement Plan Amendment

Tongass National Forest

December 2016

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Introduction

This document lists the corrections (known as errata) to the 2016 Tongass Land and Resource Management Plan Final Environmental Impact Statement (FEIS) Plan Amendment. Errata are entered chronologically by chapter and page number from the FEIS. FEIS map errata are also included.

Corrections or Additions to the FEIS

Various Errata by Chapter and Page Numbers

Chapter 1

FEIS, page 1-18, second sentence in “Young Growth Direction” section

Correct the reference in sentence:

The management approach for young growth regarding the internal scientific review on young-growth timber projects that intersect with high value fish watersheds was updated based on final TAC recommendations (Forest Plan Appendix B, and public comments (see Appendix H, Specific Comments).

With the following:

The management approach for young growth regarding the internal scientific review on young-growth timber projects that intersect with high value fish watersheds was updated based on final TAC recommendations (Forest Plan Appendix B, and public comments (see Appendix I, Specific Comments).

FEIS, page 1-18, first sentence in “Renewable Energy Direction” section

Correct the reference in sentence:

Several clarifications were made to the renewable energy plan components based on public comments (FEIS Appendix H, Fish, Transportation and Utility System LUD , Renewable Energy), as well as internally identified clarifications.

With the following:

Several clarifications were made to the renewable energy plan components based on public comments (FEIS Appendix I, Fish, Transportation and Utility System LUD, Renewable Energy), as well as internally identified clarifications.

FEIS, page 1-19, first and third sentences in “Transportation Systems Corridors” section

Correct the references in sentences:

First sentence

Clarifications were made to the transportation systems corridors plan components in response to public comments (FEIS Appendix H, Purpose and Need, Planning Rule, Road Density,

Transportation and Utility System LUD , Specific Comments), as well as internally identified clarifications.

Third Sentence

This also helped to clarify management approach for timber. Lands standard S-TSC-LAND-02 was added in response to public comments (FEIS Appendix H, Transportation and Utility System LUD , Specific Comments), and this was also an internally identified oversight/correction, and was added to be similar to renewable energy standard S-RE-TRAN-01.

With the following:

First sentence

Clarifications were made to the transportation systems corridors plan components in response to public comments (FEIS Appendix I, Purpose and Need, Planning Rule, Road Density, Transportation and Utility System LUD , Specific Comments), as well as internally identified clarifications.

Third Sentence

This also helped to clarify management approach for timber. Lands standard S-TSC-LAND-02 was added in response to public comments (FEIS Appendix I, Transportation and Utility System LUD, Specific Comments), and this was also an internally identified oversight/correction, and was added to be similar to renewable energy standard S-RE-TRAN-01.

FEIS, page 1-19, sentence in “Forest-wide Multiple-use Goals and Objectives (Chapter 2)” section

Correct the references:

Clarifications were made to timber objective O-TIM-01 in response to public comments (FEIS Appendix H, Purpose and Need, Specific Comments), as well as internally identified clarifications. Timber objective O-TIM-02 was rewritten in response to public comments (FEIS Appendix H, Specific Comments).

With the following:

Clarifications were made to timber objective O-TIM-01 in response to public comments (FEIS Appendix I, Purpose and Need, Specific Comments), as well as internally identified clarifications. Timber objective O-TIM-02 was rewritten in response to public comments (FEIS Appendix I, Specific Comments).

FEIS, page 1-19, sentence in “Forest-wide Standards and Guidelines (Chapter 4) Beach and Estuary Fringe (BEACH)” section

Correct the reference:

The forest-wide standard S-BEACH-01 was clarified in response to public comment (FEIS Appendix H, Specific Comments), as well as internally identified clarifications.

With the following:

The forest-wide standard S-BEACH-01 was clarified in response to public comment (FEIS Appendix I, Specific Comments), as well as internally identified clarifications.

Chapter 2

FEIS, page 2-9, first paragraph in “LUD Changes Common to the Action Alternatives” section

Correct the sentence:

Under Public Law 113-291, approximately 70,000 acres of NFS land were conveyed to Sealaska Corporation and an additional 152,000 acres were converted to LUD II.

With the following:

Under Public Law 113-291, approximately 70,000 acres of NFS land were conveyed to Sealaska Corporation, including the transfer of about 1,465 acres of Geologic Special Interest Areas (SIAs). An additional 152,000 acres were converted to LUD II.

FEIS, page 2-34, first paragraph in “Framework and Expected Outcomes” section

Correct the sentence:

However, young-growth harvest in the Old-growth Habitat LUD, beach and estuary fringe, and RMAs outside of TTRA buffers would be allowed only during the first 15 years after Plan approval, and created openings for commercial harvest (up to 10 acres and a maximum removal of up to 35 percent of the acres of the original harvested stand) or commercial thinning would be allowed.

With the following:

However, young-growth harvest in the Old-growth Habitat LUD, beach and estuary fringe, and RMAs outside of TTRA buffers would be allowed only during the first 15 years after Plan approval, and created openings for commercial harvest (up to 10 acres and a maximum removal of up to 35 percent of the acres of the original harvested stand) or commercial thinning (up to 33 percent of stand’s basal area) would be allowed. A combination of the two treatments may be used, with no more than 35 percent of the total stand removed in either basal area and/or acres. In beach and estuary fringe, a 200-foot no-commercial harvest buffer adjacent to the shoreline would be required.

FEIS, page 2-34, first paragraph in “Framework and Expected Outcomes” section

Correct the sentence:

Along lake shorelines, a 100-foot no-cut commercial harvest buffer would be established.

With the following:

Around all Class I and Class II lakes, a 100-foot no-cut commercial harvest buffer would be established.

FEIS, page 2-44, Table 2-17

Correct the footnote:

² Timber harvest is currently inconsistent with the 2001 Roadless Rule. Proposed timber harvest in IRAs could not occur until the Roadless Rule is changed as a result of new rulemaking, or the 2003 Tongass Exemption (68 FR 75136) is reinstated.

With the following:

² Timber harvest is currently inconsistent with the 2001 Roadless Rule. Harvest in IRAs would be deferred until agency rulemaking modifies 36 CFR 294.13(b)(4) (2001).

FEIS, page 2-46, Table 2-18

Correct the footnote:

¹ Timber harvest is currently inconsistent with the 2001 Roadless Rule. Proposed timber harvest in IRAs could not occur until the Roadless Rule is changed as a result of new rulemaking, or the Tongass Exemption (68 FR 75136) is reinstated.

With the following:

¹ Timber harvest is currently inconsistent with the 2001 Roadless Rule. Harvest in IRAs would be deferred until agency rulemaking modifies 36 CFR 294.13(b)(4) (2001).

Chapter 3

FEIS, page 3-31, third paragraph in “Karst and Caves” section

Correct the sentence:

In 2014, the National Defense Authorization Act for Fiscal Year 2015 changed some of those Geologic Special Areas to Land Use Designation (LUD) II Geologic Conservation Areas. The land ownership of some of the Geologic Special Areas was transferred to the Sealaska Corporation.

With the following:

In 2014, the National Defense Authorization Act for Fiscal Year 2015 changed some of those Geologic Special Interest Areas (SIAs) to Land Use Designation (LUD) II Geologic Conservation Areas. The land ownership of approximately 1,465 acres of Geologic SIAs was transferred to the Sealaska Corporation.

FEIS, page 3-78, second paragraph in “Riparian Areas” section

Correct the sentence:

These areas have no TTRA buffer, so RMA harvest could occur to the lake shoreline under Alternatives 2 and 5 which could result in increased sediment entry to lakes.

With the following:

While these areas have no TTRA buffer, RMA harvest could occur to the lake shoreline under Alternative 2 which could result in increased sediment entry to lakes. Alternative 5 establishes a 100-ft no-cut buffer around all Class I and Class II lakes which should lessen potential for sediment entry to lakes.

FEIS, page 3-248, Table 3.10-7

Correct species name:

Warren Island red-backed vole (*Myodesgapperi wrangeli*)

With the following:

Wrangell Island red-backed vole (*Myodesgapperi wrangeli*)

FEIS, page 3-492, Table 3.22-8

Correct the table from Daniels et al. 2015:

Table 3.22-8
Projected Baseline Timber Harvest in Southeast Alaska by Product Type (MMBF) all owners

Year	Sawlog exports	Sawmills	Utility logs	Mill Residue	Other Products	Total
2015	84.5	12.9	7.5	12.1	1.5	118.7
2016	86.6	14.3	7.4	13.4	1.5	123.3
2017	88.7	14.5	7.3	13.5	1.6	125.6
2018	90.8	14.7	7.1	13.7	1.6	127.9
2019	92.9	14.9	7.0	13.8	1.6	130.2
2020	95.0	15.1	6.8	14.0	1.6	132.5
2021	97.1	15.3	6.7	14.2	1.6	134.8
2022	99.2	15.5	6.6	14.3	1.6	137.1
2023	101.3	15.6	6.4	14.5	1.6	139.4
2024	103.3	15.8	6.3	14.7	1.6	141.7
2025	105.4	16.0	6.1	14.8	1.6	144.0
2026	107.5	16.2	6.0	15.0	1.6	146.4
2027	109.6	16.4	5.9	15.2	1.7	148.7
2028	111.7	16.6	5.7	15.3	1.7	151.0
2029	113.8	16.8	5.6	15.5	1.7	153.3
2030	115.9	16.9	5.4	15.6	1.7	155.6

¹ Projected harvest levels by product type are based on projected overall end market demand and the portion of that demand Southeast Alaska is likely to fill.
² A summary overview of these product types is provided in the main text.
 Source: Daniels et al. 2016

With the following from Daniels et al. 2016:

Table 3.22-8
Projected Baseline Timber Harvest in Southeast Alaska by Product Type (MMBF) all owners

Year	Sawlog exports	Sawmills	Utility logs	Mill Residue	Other Products	Total
2015	84.5	14.8	7.5	12.8	0.9	120.6
2016	86.6	15.0	7.4	13.0	0.9	122.9
2017	88.7	15.2	7.3	13.2	0.9	125.2
2018	90.8	15.4	7.1	13.3	0.9	127.5
2019	92.9	15.6	7.0	13.5	0.9	129.8
2020	95.0	15.8	6.8	13.6	0.9	132.1
2021	97.1	16.0	6.7	13.8	0.9	134.4
2022	99.2	16.2	6.6	14.0	0.9	136.7
2023	101.3	16.4	6.4	14.1	0.9	139.0
2024	103.3	16.6	6.3	14.3	0.9	141.4
2025	105.4	16.7	6.1	14.4	0.9	143.7
2026	107.5	16.9	6.0	14.6	0.9	146.0
2027	109.6	17.1	5.9	14.8	0.9	148.3
2028	111.7	17.3	5.7	14.9	0.9	150.6
2029	113.8	17.5	5.6	15.1	0.9	152.9
2030	115.9	17.7	5.4	15.2	0.9	155.2

¹ Projected harvest levels by product type are based on projected overall end market demand and the portion of that demand Southeast Alaska is likely to fill.
² A summary overview of these product types is provided in the main text.
 Source: Daniels et al. 2016

FEIS, page 3-493, Table 3.22-9

Correct the table from Daniels et al. 2015:

Table 3.22-9
Projected Baseline Timber Harvest in Southeast Alaska by Owner (MMBF)

Year	Tongass	State	Native Corporations	Total
2015	40.0	17.8	60.8	118.7
2016	41.8	18.7	62.8	123.3
2017	42.6	19.0	64.0	125.6
2018	43.3	19.3	65.3	127.9
2019	44.0	19.7	66.5	130.2
2020	44.8	20.0	67.7	132.5
2021	45.5	20.3	69.0	134.8
2022	46.2	20.6	70.2	137.1
2023	47.0	21.0	71.5	139.4
2024	47.7	21.3	72.7	141.7
2025	48.4	21.6	74.0	144.0
2026	49.2	22.0	75.2	146.4
2027	49.9	22.3	76.5	148.7
2028	50.7	22.6	77.7	151.0
2029	51.4	22.9	78.9	153.3
2030	52.1	23.3	80.2	155.6

¹ Projected harvest levels by owner are based on projected overall end market demand and the portion of that demand Southeast Alaska is likely to fill, allocated by land ownership.
Source: Daniels et al. 2016

With the following from Daniels et al. 2016:

Table 3.22-9
Projected Baseline Timber Harvest in Southeast Alaska by Owner (MMBF)

Year	Tongass	State	Native Corporations	Total
2015	40.9	18.2	61.5	120.6
2016	41.6	18.6	62.8	122.9
2017	42.3	18.9	64.0	125.2
2018	43.1	19.2	65.3	127.5
2019	43.8	19.5	66.5	129.8
2020	44.5	19.9	67.7	132.1
2021	45.3	20.2	69.0	134.4
2022	46.0	20.5	70.2	136.7
2023	46.7	20.8	71.5	139.0
2024	47.5	21.2	72.7	141.4
2025	48.2	21.5	74.0	143.7
2026	48.9	21.8	75.2	146.0
2027	49.7	22.1	76.5	148.3
2028	50.4	22.5	77.7	150.6
2029	51.1	22.8	78.9	152.9
2030	51.9	23.1	80.2	155.2

¹ Projected harvest levels by owner are based on projected overall end market demand and the portion of that demand Southeast Alaska is likely to fill, allocated by land ownership.
Source: Daniels et al. 2016

FEIS, page 3-507, second paragraph

Correct the sentence:

This baseline projection anticipates that demand would gradually increase from an estimated 40.0 MMBF in 2015 to 52.1 MMBF in 2030 (Table 3.22-10; Figure 3.22-8).

With the following:

This baseline projection anticipates that demand would gradually increase from an estimated 40.9 MMBF in 2015 to 51.9 MMBF in 2030 (Table 3.22-10; Figure 3.22-8).

FEIS, page 3-509, second paragraph

Correct the sentence:

Total derived demand for timber harvested on the Tongass was projected to gradually increase from 40.0 MMBF in 2015 to 52.1 MMBF in 2030.

With the following:

Total derived demand for timber harvested on the Tongass was projected to gradually increase from 40.9 MMBF in 2015 to 51.9 MMBF in 2030.

FEIS, page 3-517, Table 3.22-17

Correct the footnote:

Note:
¹ Discounted net revenues are presented in \$ million

With the following:

Note: Represents discounted 5-year total net revenues presented in \$ million.

FEIS, page 3-517, Figure 3.22-17

Correct the footnote:

Note: Values shown are 5-year totals and are not discounted.

With the following:

Note: Represents non-discounted annual average totals in 5-year increments.

FEIS, page 3-518, Figure 3.22-18

Correct the footnote:

Note: Values shown are 5-year totals and are not discounted.

With the following:

Note: Represents non-discounted annual average totals in 5-year increments.

Appendix H

FEIS, page H-6, first paragraph in “Effects Analysis” section

Correct the sentence:

However, in order to ensure that timber sale offerings are consistent the agency’s obligations under TTRA, timber sales must be offered so long as there is a demand for Tongass timber.

With the following:

However, TTRA requires the Secretary of Agriculture to seek to meet the market demand for Tongass timber, both annually and over the planning cycle, to the extent consistent with providing for the multiple use and sustained yield of all renewable forest resources.

Appendix I

FEIS, page I-4, second paragraph in “Comment Summaries and Responses” section

Correct the sentence:

Review of the public comments resulted in Alternative 5 being modified between the Draft and Final EIS to add a 100-foot no harvest buffer around anadromous lakes.

With the following:

Review of the public comments resulted in Alternative 5 being modified between the Draft and Final EIS to add a 100-foot no harvest buffer around Class I and II lakes (those with anadromous and resident fish).

FEIS, page I-63, paragraph in response to comment FISH-1

Correct the sentence:

In addition, under Alternative 5, a 100-foot no harvest buffer has been applied around anadromous lakes

With the following:

In addition, under Alternative 5, a 100-foot no harvest buffer has been applied around Class I and II lakes (those with anadromous and resident fish).

FEIS, page I-70, last sentence in response to comment RIP-1

Correct the sentence:

In addition, under Alternative 5, a 100-foot no harvest buffer has been applied around anadromous lakes.

With the following:

In addition, under Alternative 5, a 100-foot no harvest buffer has been applied around Class I and II lakes (those with anadromous and resident fish).

Corrections or Additions to the FEIS Maps

Various Errata by FEIS Map

FEIS Map, FINAL EIS Alternative 1 Land Use Designations June 2016

Correct the Land Use Designations where portions of the Kosciusko Island Geological Areas and Northern Prince of Wales Geological Areas became LUD II as a result of Public Law 113-291.

Correct the legend item:

State of Alaska ROW (PL 109-59)

With the following:

State of Alaska ROW (PL 109-59) and Final Southeast Alaska Transportation Plan (2004)

Correct the title:

FINAL EIS Alternative 1 Land Use Designations June 2016

With the following:

FINAL EIS Alternative 1 Land Use Designations December 2016

FEIS Map, FINAL EIS Alternatives 2, 3, 4 & 5 Land Use Designations June 2016

Correct the Land Use Designations where portions of the Kosciusko Island Geological Areas and Northern Prince of Wales Geological Areas became LUD II as a result of Public Law 113-291.

Correct the legend item on map:

State of Alaska ROW (PL 109-59)

By adding following reference:

State of Alaska ROW (PL 109-59) and Final Southeast Alaska Transportation Plan (2004)

Correct the title:

FINAL EIS Alternatives 2, 3, 4 & 5 Land Use Designations June 2016

With the following:

FINAL EIS Alternatives 2, 3, 4 & 5 Land Use Designations December 2016

FEIS Map, FINAL EIS Timber Sale Program Adaptive Management Strategy June 2016

Correct the legend item on map:

State of Alaska ROW (PL 109-59)

By adding following reference:

State of Alaska ROW (PL 109-59) and Final Southeast Alaska Transportation Plan (2004)

Correct the title:

FINAL EIS Timber Sale Program Adaptive Management Strategy June 2016

With the following:

FINAL EIS Timber Sale Program Adaptive Management Strategy December 2016