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FS-2700-10b (V.01/17)
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**U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
COMMUNICATIONS USE LEASE
AUTHORITY:
Section 501(a)(5) of the Federal Land Policy and Management Act,
43 U.S.C. 1761(a)(5)**

LAKE COUNTY SHERIFF'S OFFICE of 1220 MARTIN STREET, LAKEPORT, CA 95453.

This lease is issued by the United States of America, acting through the United States Department of Agriculture, Forest Service (hereinafter the "United States" or "Forest Service"), as authorized by section 501(a)(5) of the Federal Land Policy and Management Act, 43 U.S.C. 1761(a)(5), to the County of Lake by and through the Lake County Sheriff's Office, its agents, successors, and assigns (hereinafter the "lessee").

The United States and the lessee are jointly referred to in this lease as the "parties." The term "authorized officer" refers to the Forest Service official having the delegated authority to execute and administer this lease. Generally, unless otherwise indicated, this authority may be exercised by the Forest Supervisor or District Ranger of the Mendocino National Forest in which the following described lands are located.

The United States, in consideration of the terms and conditions in this lease and the payment to the United States of rent in advance by the lessee, hereby issues the lessee a lease for the following described communications facility in the County of Colusa, State of California, NE ¼, Sec. 11, T16N R8W Mt. Diablo Meridian (hereinafter called the "lease area"). The lessee accepts this lease and possession of the lease area, subject to any valid existing rights, and agrees to use the lease area only for construction, operation, maintenance, and termination of a private mobile radio service communications facility. Authorized facilities under this lease include:

Equipment shelters: 8' x 8' Aluminum, 4 concrete pads supporting corners
Antenna support structures: 40' monopole attached to equipment structure
Ancillary improvements: Solar panels attached to roof of equipment shelter

The location of the lease area is described or shown generally in the communications site management plan and/or communications site map dated 11/22/2019 for the **Goat Mountain Communications Site**, which is attached as **Appendix A** of this lease. This and any other appendices are hereby incorporated into this lease.

Any additional appendices to this lease are incorporated into and made a part of this instrument as fully and effectively as if they were set forth herein in their entirety.

This lease is issued subject to the following terms and conditions.

I. TENURE, RENEWAL AND TRANSFERABILITY

A. This lease shall terminate at one minute after midnight on 12/31/2050. Termination at the end of the lease term shall occur by operation of law and shall not require any additional notice or documentation by the authorized officer. This lease is not renewable, but the lessee has the right to request a new lease.

B. The lessee shall undertake and pursue with due diligence construction and operation that is authorized by this lease. To the extent specified in **Appendix B** operation shall commence on October 1, 2021. This lease shall terminate if operation does not commence by that date, unless the parties agree in writing, in advance, to an extension of the commencement date.

C. If the lessee desires a new lease upon termination of this lease, the lessee shall notify the authorized officer accordingly, in writing. The notice must be received by the authorized officer at least one year prior to the end of the lease term. The authorized officer shall determine if the use should continue and, if it is to continue, if a new lease should be issued to the lessee and under what conditions. The authorized officer shall require payment of any amounts owed the United States under any Forest Service authorization before issuance of another authorization.

D. This lease is assignable with prior written approval of the authorized officer, except when rent has been exempted or waived in whole or in part. Renting of space does not constitute an assignment under this clause.

II. RENT

A. The lessee shall pay rent annually in advance as determined by the authorized officer in accordance with law, regulation, and policy. The annual rent shall be adjusted by the authorized officer to reflect changes in fair market value, annual adjustments using the Consumer Price Index-Urban (CPI-U), changes in tenant occupancy, or phase-in rent, if applicable.

B. Rent is due at the close of business on January 1 of each year for which a payment is due. Payments in the form of a check, draft, or money order are payable to USDA, Forest Service. If the due date for the rent falls on a non-work day, the charges shall not apply until the close of business on the next workday. This lease shall terminate if rent is not received by the Forest Service within 90 calendar days of the due date.

C. Pursuant to 31 U.S.C. 3717 et seq., interest shall be charged on any rent not paid within 30 days from the date the rental or rental calculation financial statement specified in this authorization becomes due. The rate of interest assessed shall be the higher of the rate of the current value of funds to the U.S. Treasury (i.e., Treasury tax and loan account rate), as prescribed and published by the Secretary of the Treasury in the Federal Register and the Treasury Fiscal Requirements Manual Bulletins annually or quarterly or at the Prompt Payment Act rate. Interest on the principal shall accrue from the date the rent is due. In addition, an administrative penalty at a percentage rate prescribed by law or regulation will be assessed for failure to pay any portion of the debt that is more than 90 days past due. This paragraph shall survive the termination or revocation of this lease, regardless of cause.

D. Disputed rent is due and payable by the due date. No appeal of rent shall be considered by the Forest Service without full payment of the disputed amount.

III. RESPONSIBILITIES OF THE LESSEE

A. The lessee is authorized to rent space and provide other services to customers and tenants and shall charge each customer and tenant a reasonable rent without discrimination for the use and occupancy of the facilities and services provided. The lessee shall not impose unreasonable restrictions or restrictions restraining competition or trade practices. By October 15 of each year, the lessee shall provide the authorized officer a certified statement listing all tenants and customers by category of use in the authorized facilities on September 30 of that year.

B. All development, operation and maintenance of the authorized facilities, improvements, and equipment located in the lease area shall be in accordance with stipulations in the applicable communications site management plan approved by the authorized officer. If required by the authorized officer, all plans for development, layout, construction, or alteration of improvements in the lease area, as well as revisions of those plans, must be prepared by a licensed engineer, architect, and/or landscape architect. These plans must be approved in writing by the authorized officer before commencement of any work. After completion, as-built plans, maps, surveys, or other similar information shall be provided to the authorized officer and appended to the communications site management plan.

C. The lessee shall comply with applicable federal, state, county, and municipal laws, regulations and standards for public health and safety, environmental protection, siting, construction, operation, and maintenance in exercising the rights granted by this lease. The obligations of the lessee under this lease are not contingent upon any duty of the authorized officer or other agent of the United States to inspect the authorized facilities or lease area. A failure by the United States or other governmental officials to inspect is not a defense to noncompliance with any of the terms and conditions of this lease. The lessee waives all defenses of laches or estoppel against the United States. The lessee shall at all times keep the title of the United States to the lease area free and clear of all liens and encumbrances.

D. Use of communications equipment in the lease area is contingent upon possession of a valid Federal Communication Commission (FCC) license or Director of Telecommunications Management/ Interdepartmental Radio Advisory Committee (DTM/IRAC) authorization and operation of the equipment in strict compliance with applicable requirements of the FCC or IRAC. A copy of each applicable license or authorization shall at all times be maintained by the lessee for each transmitter being operated. The lessee shall provide the authorized officer, when requested, with current copies of all FCC licenses and DTM/IRAC authorizations for equipment in or on facilities covered by this lease.

E. The lessee shall ensure that equipment within facilities authorized by this lease (including tenant and customer equipment) operates in a manner that will not cause harmful interference with the operation of existing equipment on or adjacent to the communications site covered by this lease. If the authorized officer or authorized official of the FCC determines that the lessee's use interferes with existing equipment, the lessee will promptly take the necessary steps to eliminate or reduce the harmful interference to the satisfaction of the authorized officer or FCC official.

F. When requested by the authorized officer, the lessee shall furnish technical information concerning the equipment located in the lease area.

IV. LIABILITIES

A. The lessee assumes all risk of loss to the authorized facilities and ancillary improvements.

B. The lessee shall comply with all applicable federal, state, and local laws, regulations, and standards, including but not limited to the Federal Water Pollution Control Act, 33 U.S.C. 1251 et seq., the Resource Conservation and Recovery Act, 42 U.S.C. 6901 et seq., the Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. 9601 et seq., and other relevant environmental laws, as well as public health and safety laws and other laws relating to the siting, construction, operation and maintenance of any facility, improvement, or equipment in the lease area.

C. The lessee shall indemnify, defend, and hold harmless the United States for any violations incurred under any such laws and regulations or for judgments, claims, or demands assessed against the United States in connection with the lessee's use or occupancy of the lease area. The lessee's indemnification of the United States shall include any loss of personal injury, loss of life or damage to property in connection with the occupancy or use of the lease area during the term of this lease. Indemnification shall include but not be limited to the value of resources damaged or destroyed; the costs of restoration, cleanup, or other mitigation; fire suppression or other types of abatement costs; third-party claims and judgments; and all administrative, interest, and other legal costs. This clause shall survive the termination or revocation of this lease, regardless of cause.

D. The Forest Service has no duty, either before or during the lease term, to inspect the lease area or to warn of hazards and, if the Forest Service inspects the lease area, it shall incur no additional duty nor any liability for hazards not identified or discovered through those inspections. This paragraph shall survive the termination or revocation of this lease, regardless of cause.

E. The lessee has an affirmative duty to protect from damage the land, property, and interests of the United States.

F. In the event of any breach of the lease by the lessee, the authorized officer may, on reasonable notice, cure the breach at the expense of the lessee. If the Forest Service at any time pays any sum of money or does any act which will require payment of money or incurs any expense, including reasonable attorney's fees, in instituting, prosecuting, or defending any action or proceeding to enforce the United States' rights hereunder, the sums paid by the United States, with all interests, costs, and damages, shall at the election of the Forest Service be deemed to be additional rent under this lease and shall be due from the lessee to the Forest Service on the first day of the month following that election.

V. MISCELLANEOUS PROVISIONS

A. Nondiscrimination. The lessee and its employees shall not discriminate against any person on the basis of race, color, sex (in educational and training programs), national origin, age, or disability or by curtailing or refusing to furnish accommodations, facilities, services, or use privileges offered to the public generally. In addition, the lessee and its employees shall comply with the provisions of Title VI of the Civil Rights Act of 1964 as amended, Section 504 of the Rehabilitation Act of 1973, as amended, Title IX of the Education Amendments of 1972, as amended, and the Age Discrimination Act of 1975, as amended.

B. Revocation, Termination and Suspension

1. General. For purposes of this lease, termination, revocation, and suspension refer to the cessation of uses and privileges under the lease.

"Revocation" refers to an action by the authorized officer to end the lease because of noncompliance with any of the prescribed terms, abandonment, or for reasons in the public interest. Revocations are appealable.

"Termination" refers to the cessation of the lease under its own terms without the necessity for any decision or action by the authorized officer. Termination occurs automatically when, by the terms of the lease, a fixed or agreed upon condition, event, or time occurs. For example, the lease terminates at expiration. Terminations are not appealable.

"Suspension" refers to a revocation which is temporary and the privileges may be restored upon the occurrence of prescribed actions or conditions. Suspensions are appealable.

2. This lease may be suspended or revoked upon breach of any of the conditions herein or upon nonuse. Nonuse refers to a failure to operate the authorized facilities on the property for a period of **1** year.

3. Except in emergencies, the authorized officer shall give the lessee written notice of the grounds for revocation or suspension and a reasonable time, not to exceed **90** days, to complete the corrective action. After 90 days, the Forest Service is entitled to such remedies as provided herein.

4. This lease may be revoked at the discretion of the Forest Service when in the public interest. When revoked in the public interest, the lessee shall be compensated subject to the availability of appropriated funds. Compensation shall be based upon the initial cost of improvements located on the lease, less depreciation as allocated over the life of the authorized facilities, based on the Lessee's federal tax amortization schedules.

5. Written decisions by the authorized officer relating to administration of this lease are subject to administrative appeal pursuant to 36 CFR 214.

6. If upon expiration of this lease the authorized officer decides not to issue a new lease, or the lessee does not desire a new lease, the authorized officer and the lessee shall, within six months prior to the termination date of this lease, agree upon a mitigation plan to restore and stabilize the site lease area.

7. Upon termination or revocation of the authorization, delinquent fees and other charges associated with the authorization will be subject to all rights and remedies afforded the United States pursuant to 31 U.S.C. 3711 et seq. Delinquencies may be subject to any or all of the following conditions:

a. Administrative offset of payments due the lessee from the Forest Service.

b. Delinquencies in excess of 60 days shall be referred to United States Department of the Treasury for appropriate collection action as provided by 31 U.S.C. 3711(g)(1).

c. The Secretary of the Treasury may offset an amount due the debtor for any delinquency as provided by 31 U.S.C. 3720 et seq.). If this lease is revoked for noncompliance, the lessee shall

remove all authorized structures and improvements, except those owned by the United States, within **90** days, and shall restore the site as nearly as reasonably possible to its original condition unless this requirement is waived in writing by the authorized officer.

If the lessee fails to remove all authorized structures or improvements within the prescribed period, they shall become the property of the United States and may be sold, destroyed, or otherwise disposed of without any liability to the United States.

C. No member of or delegate to Congress or resident commissioner shall benefit from this lease whether directly or indirectly, other than to the extent the lease provides a general benefit to a corporation.

D. This lease is issued subject to the following reservations by the United States:

1. The right of the United States to all natural resources now or hereafter located in the lease area unless stated otherwise, and the right to utilize or dispose of those resources insofar as the rights of the lessee are not unreasonably affected.

2. The right of the United States to modify the communications site management plan as deemed necessary.

3. The right of the United States to enter the lease area and inspect all authorized facilities to ensure compliance with the terms and conditions of this lease.

4. The right of the United States to require common use of the lease area and the right to authorize use of the lease area for compatible uses.

E. The Forest Service and the lessee shall keep each other informed of current mailing addresses.

F. This lease supersedes a special use authorization: N/A .

G. If there is any conflict between any of the preceding printed clauses and any of the following clauses the preceding printed clauses shall control.

H. Survey and Manage Species and Their Habitat. The survey and manage standards and guidelines were established in the 1994 Northwest Forest Plan amendments to all Forest Service land management plans in western Oregon and Washington and northern California, as amended by the January 2001 Record of Decision (2001 ROD). The list of survey and manage species in the 2001 ROD, for which the standards and guidelines apply, has been amended and is subject to periodic amendment by the Forest Service. The lessee shall take any protective and mitigation measures specified by the authorized officer as necessary and appropriate to avoid or reduce effects on survey and manage species or their habitat affected by the authorized use and occupancy. The location of sites within the lease area occupied by survey and manage species or their habitat shall be shown on a map in an appendix to this lease and may be shown on the ground. Discovery by the lessee or the Forest Service of other sites within the lease area containing survey and manage species or their habitat not shown on the map in the appendix shall be promptly reported to the other party and shall be added to the map.

THIS LEASE IS GRANTED SUBJECT TO ALL ITS TERMS AND CONDITIONS.

BEFORE ANY LEASE IS ISSUED TO AN ENTITY, DOCUMENTATION MUST BE PROVIDED TO THE AUTHORIZED OFFICER OF THE AUTHORITY OF THE SIGNATORY FOR THE ENTITY TO BIND IT TO THE TERMS AND CONDITIONS OF THE LEASE.

BRUNO SABATIER
CHAIRMAN, LAKE COUNTY BOARD OF SUPERVISORS

HOLDER NAME, PRECEDED BY NAME AND TITLE OF PERSON SIGNING ON BEHALF OF LESSEE, IF LESSEE IS AN ENTITY	SIGNATURE	DATE
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APPROVED:

ANN CARLSON
Forest Supervisor

NAME AND TITLE OF AUTHORIZED OFFICER	SIGNATURE	DATE
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According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0596-0082. The time required to complete this information collection is estimated to average one (1) hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call toll free (866) 632-9992 (voice). TDD users can contact USDA through local relay or the Federal relay at (800) 877-8339 (TDD) or (866) 377-8642 (relay voice). USDA is an equal opportunity provider and employer.

The Privacy Act of 1974 (5 U.S.C. 552a) and the Freedom of Information Act (5 U.S.C. 552) govern the confidentiality to be provided for information received by the Forest Service.

GOAT MOUNTAIN COMMUNICATIONS SITE MANAGEMENT PLAN



APPENDIX A

GOAT MOUNTAIN COMMUNICATIONS SITE
MANAGEMENT PLAN

MENDOCINO NATIONAL FOREST
GRINDSTONE RANGER DISTRICT
WILLOWS, CALIFORNIA

Submitted By:

District Ranger

Date

Approved By:

Forest Supervisor

Date

GOAT MOUNTAIN COMMUNICATIONS SITE MANAGEMENT PLAN

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GOAT MOUNTAIN COMMUNICATIONS SITE MANAGEMENT PLAN

I. DEFINITIONS

Authorization Holder. An individual, business, organization, or an agency that has been issued a Communications Use Lease or Special Use Permit which allows occupancy, use, rights, or privileges of National Forest System (NFS) land.

Authorized Officer. The Forest Service employee with the delegated authority to issue and manage communications uses. The authorized officer is usually the District Ranger or Forest Supervisor of the unit on which the communications site is located.

Co-location. Installation of telecommunications equipment in or on an existing communications facility or other structure.

Communications Site. An area of NFS lands designated as an electronic site through the Forest Land and Resource Management planning process for telecommunications uses. A communications site may be limited to a single communications facility, but most often encompasses more than one. Each site is identified by name, usually denoting a local prominent landmark, such as Bald Mountain Communications Site.

Customer. An individual, business, organization, or an agency that operates telecommunication equipment within a facility, but does not broadcast or resell communications services to others.

Facility. A building, tower, or other physical improvement (buildings and towers do not have to be combined to be considered a facility) that is built or installed to house and support authorized communications equipment.

Facility Manager. The holder of a Forest Service communications use authorization who (1) owns a communications facility on NFS lands, (2) rents space in or on their facility to other communications users, but (3) does not own or operate their own communications equipment and they do not directly provide communications services to third parties. Persons or entities that manage or administer a communications facility on NFS lands for a facility owner or a facility manager are not facility managers for purposes of this Communications Site Management Plan.

Facility Owner. The holder of a Forest Service communications use authorization who (1) owns a communications facility on NFS lands, (2) may or may not be renting space or equipment to other communications users in or on their facility, and (3) owns and operates their own communications equipment in their facility.

Multiple-Use Facility. A communications site facility that has multiple communications uses operated directly by the facility owner or has customers or tenants in or on that facility.

GOAT MOUNTAIN COMMUNICATIONS SITE MANAGEMENT PLAN

Ranally Metro Area. Geographic areas in the United States identified by Rand McNally in its Commercial Atlas and Marketing Guide that define population centers of 50,000 or more. There are approximately 450 Ranally Metro Areas (RMAs) in the United States.

Senior Use. A communications use that predates another communications use. The most senior use or uses form the basis for the communications site designation.

Single-Use Facility. A communications site facility that contains only the single communications use of the facility owner and no tenants or customers in or on the facility.

Tenant. An individual, business, organization, or an agency that operates telecommunication equipment within a facility, for the purpose of broadcasting or reselling communications services to others.

II. NARRATIVE

A. Site Description

Goat Mountain Communications Site is located on the Grindstone Ranger District, Mendocino National Forest, Colusa County, State of California, in Section 11, T. 16 N., R. 8 W., Mt. Diablo Meridian, at approximately Latitude 39° 15' 37" North, Longitude 122° 42' 54" West. The elevation at Goat Mountain Communications Site is approximately 6120 feet above mean sea level (msl). The area for development is approximately 0.50 acres in size. Goat Mountain Communications Site is road accessible.

This site does not serve a Ranally Metro Area (RMA). The population is currently less than 25,000 and is therefore a Zone 9. The population identified for this Zone is updated annually by the Forest Service, Washington Office, Director of Lands, and is used to determine the annual rental fee due the Forest Service.

The most senior use at this site is Forest Service land mobile and the site is designated as Government Only. This designation is consistent with management direction contained in the Mendocino National Forest Land and Resource Management Plan approved in 1995 within prescriptions which allow for the establishment of new electronic sites. The maximum power output for the Goat Mountain Communications Site is based on the maximum output allowed for two-way radio under the Federal Communications Commission's rules at Title 47, Code of Federal Regulations, Part 90.

B. Existing Site Development

Goat Mountain Communications Site was first developed for communications purposes by the Forest Service in connection with the Goat Mountain Lookout for fire detection purposes. The Lookout has not been utilized since 1987 and the Forest Service established a separate communication vault and tower. Most of the lookout has been

GOAT MOUNTAIN COMMUNICATIONS SITE MANAGEMENT PLAN

removed. A new Forest Service vault and towers were established on the old garage concrete floor in 2000. In 2016, the Lake County Sheriff's Office submitted a proposal for a new vault and tower to provide the County with better coverage of the northern portion of Lake County and inclusive National Forest Systems lands.

See Appendix B for a current list of authorized facilities.

C. Objectives

The primary objectives of the Goat Mountain Communications Site Management Plan are to:

1. Document site management policy, procedures and standards, which are not already specified in the standard communications use authorization.
2. Manage for low power communications uses only. The maximum power output expressed as Effective Radiated Power (ERP) is typically based on height above average terrain (HAAT) to set the maximum radiated power levels allowed for two-way radio under the Federal Communications Commission's rules at Title 47, Code of Federal Regulations, Part 90. As of the 2003 regulation, Part 90 levels are limited to 500 watts ERP. Each use must operate at or below the power level authorized by their respective FCC license as long as it does not exceed the site limitation of 500 watts ERP. In addition, point to point microwave (FCC Part 101) is exempt from this site ERP limitation as long as non-occupational human radiation exposure levels do not exceed limits set by FCC regulation.
3. No continuously transmitting uses are authorized at this site, excluding microwave and controller channels used in support of mobile radio equipment.
4. All uses must be designed, operated and maintained so as not to physically or electronically interfere with the senior uses. If new uses deteriorate the receiving/transmitting operation of existing uses, the new uses may be required to institute at their expense; additional studies, equipment upgrades, frequency isolation, or physically separate themselves from the existing uses.
5. Present a program for operation within the site.
6. Help fulfill the public need for adequate communications sites.
7. Protect the interests of authorization holders and site users by preserving a safe and an electronically "clean" environment.
8. Encourage the efficient development and use of space and facilities within the designated site, subject to the USFS goal to provide the best possible public service at a reasonable cost.
9. Authorize new Tenant and/or Customer uses that can physically and

GOAT MOUNTAIN COMMUNICATIONS SITE MANAGEMENT PLAN

electronically be accommodated within existing buildings and/or towers.

10. Maintain visual resource objectives by requiring design standards that are unobtrusive and by utilizing earth tone colors and non-reflective surface material consistent with the standards in the Land and Resource Management Plan.
11. Amend this Communications Site Management Plan as necessary to be consistent with future Forest Land and Resource Management Plans. The Forest Service will provide authorization holders with proposed amendments to this plan and will allow a reasonable period of time for the holders to review and comment on the proposed changes.

III. AUTHORITY AND JURISDICTION

A. Authority

Forest Service authority to authorize and manage communications uses on National Forest System lands derives from the Federal Land Policy and Management Act of 1976 (43 U.S.C. 1761-1771); Title 36, Code of Federal Regulations, part 251, subpart B (36 CFR 251, subpart B); Forest Service Manual (FSM) 2700; and Forest Service Handbook (FSH) 2709.11, chapter 90.

B. Jurisdiction

The Forest Service has jurisdiction over the use and occupancy of National Forest System (NFS) lands for communications purposes under the National Forest Management Act (NFMA) of 1976 (16 U.S.C. 1600 et seq.); the Federal Land Policy and Management Act (FLPMA) of 1976 (43 U.S.C. 1701 et seq.), and Title 36, Code of Federal Regulations, part 251, Subpart B (36 CFR part 251, subpart B).

The Federal Communications Commission (FCC) has jurisdiction over the use of non-Federal channels of radio and television transmission under licenses granted by the FCC. The National Telecommunications and Information Administration (NTIA) has jurisdiction over the use of Federal channels of radio transmission under authorizations granted by the NTIA.

The issuance of an FCC license or NTIA authorization does not authorize the use and occupancy of NFS lands. A Forest Service special use authorization is required for the use and occupancy of NFS lands for communications purposes.

The Forest Service has jurisdiction over resolution of conflicts associated with the use and occupancy of NFS lands, such as those involving location and re-radiation. The FCC and NTIA are not responsible for resolving occupancy conflicts associated with the use and occupancy of NFS lands or the resolution of other conflicts when entities are operating within the limits of their FCC license or NTIA authorization. However, the FCC or the NTIA may be useful in assisting in the resolution of interference problems or other frequency conflicts.

GOAT MOUNTAIN COMMUNICATIONS SITE MANAGEMENT PLAN**IV. RIGHTS AND RESPONSIBILITIES****A. The Forest Service**

The Forest Service retains the responsibility for issuing and amending authorizing instruments to Facility Owners and Facility Managers for the authorized improvements. The issuance of a FCC license (authorization), or frequency assignment, does not authorize occupancy of National Forest System lands. Granting occupancy and use of National Forest System lands rest exclusively with the Forest Service. This includes:

1. Amend or modify this site plan as deemed appropriate.
2. Approve new facilities, including those constructed within an authorization holder's authorized area.
3. Approve assignment of a communications use lease.

B. Facility Owners and Facility Managers Are Responsible for:

1. Complying with the terms and conditions of their communications use authorization and this site plan.
2. Ensuring that all new facilities, expansions, or improvements are consistent with the Mendocino National Forests Land and Resource Management Plan, environmental documentation and decisions affecting the use of this site, and the provisions of this site plan.
3. May rent building and tower space to tenants and customers without prior written approval from the Forest Service, as long as that tenant or customer use is an approved communications use as designated in this Communications Site Management Plan and does not interfere with other existing uses at the site. Form FS-2700-10, Technical Data for Communication Type Land Use, or equivalent information from prospective tenants or customers seeking to co-locate in an existing communications facility may be required prior to co-location.
4. May not place any unreasonable restrictions on potential or existing tenants and customers.
5. Ensuring that facilities and equipment not complying with Federal, State, and local laws, regulations, and ordinances will be removed or modified within one year of approval of this site plan. Modifications require the pre-approval of the authorized officer.
6. Keeping all facilities within the established limits of their authorized area. The Facility owner or manager may not, for itself or for any customer or

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tenant, authorize construction of any equipment shelter or tower, or manipulation of the site or vegetation in any way, without specific authorization from the Forest Service (See sec. VII).

7. Providing the authorized officer the name, address, and telephone number of a local contact. The facility owner or the facility manager and the local contact person may be the same individual. The local contact shall be available for emergencies and shall have the authority to make decisions about construction issues, facility maintenance, and all equipment within the facility.
8. Notifying the authorized officer as soon as practicable, but no later than 24-hours, after the following incidents occur on National Forest System lands covered by their authorization:
 - a. An incident resulting in death, permanent disability, or personal injuries that are life-threatening or that are likely to cause permanent disability;
 - b. A structural, mechanical, or electrical malfunction or failure of a component of a facility or any operational actions that impair the function or operation of such a facility in a way that could affect public safety;
 - c. Any incident that has high potential for serious personal injury or death or significant property, environmental, or other natural resource damage, including, landslides, flooding, fire, structural failures, and release of hazardous materials.

The Facility Owner or Manager must promptly abate as completely as possible and in compliance with all applicable laws and regulations any physical or mechanical procedure, activity, event, or condition that causes or threatens to cause a hazard to workers' safety or to public health or safety or harm to the environment.

The Facility Owner or Manager must notify the authorized officer of any such incident by calling Mendocino National Forest Emergency Communication Center at 530-934-7758 and provide detailed information, including when, where, and how the incident occurred and who was present or affected by the incident. In addition, a point of contact must be provided in the incident report.

9. Ensuring that all communications facilities and equipment are properly installed, operated, and maintained in accordance with industry standards such as Motorola R-56. These standards may be waived by the Forest Service authorized officer when recommended by a site user association or similar technical committee or upon request of a facility owner/manager when equivalent measures would achieve similar results.

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10. Providing to the authorized officer by October 15th of each year, a certified statement listing their type or types of communications uses they provide and the business names of all occupants and their type of communications use in the facility on September 30th of that year.
11. Treat and control noxious weeds on and adjacent to their permitted area, access, and parking areas. Treatment requirements and standards must be according to applicable regulations. Standards and application procedures may be obtained from the Forest Office.

C. Tenants and Customers:

May co-locate in an existing facility when their communications use is an approved use in the site plan. Co-location in a non-Federal communications facility does not require a Forest Service authorization. Occupants who co-locate in a Federal facility shall first be issued a special use permit from the authorized officer before locating in that Federal facility.

V. USE OF THE SITE**A. Multiple-Use Facilities**

Co-location, when practical, shall be required. Site applicants shall take the lead in this area and shall design their proposals to accommodate multiple uses of facilities and improvements. This includes the multiple-use of buildings, towers, solar generating systems, back-up generators, grounding systems, fuel containers, access ways, and parking areas.

New facilities or major modifications to existing facilities shall be designed to accommodate additional users even if other users are, or could be, competitors.

Facility owners and facility managers are not required to lease facility space to others if they can demonstrate to the authorized officer that:

1. Space is not available;
2. The use is incompatible with the existing communications uses at the site. For example, the proposed use is not compatible with other uses as provided for in FSH 2709.11, section 97, exhibit 05;
3. Additional space is needed by the facility owner or the facility manager; or
4. Additional users would compromise security of the facility or communications systems located in that facility.

VI. RENTAL FEES

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Unless specified differently in the communications use authorization, the Forest Service shall charge facility owners and facility managers of non-Federal facilities and occupants in Federal facilities an annual rental fee based on the fee schedule for communications uses on National Forest System lands contained in FSH 2709.11, section 95. The rental rates shall be adjusted annually using the Consumer Price Index-Urban (CPI-U), and the population figures are adjusted annually based on the most recent Rand McNally Commercial Atlas and Marking Guide (for RMAs) and Rand McNally Road Atlas for non-RMA communities.

Rental fees that facility owners and facility managers may charge occupants shall be:

1. Reasonable and commensurate with the use and occupancy of the facilities and services provided to the occupant; and
2. Consistent with other fees charged for similar facilities.

VII. CONDITIONS FOR NEW CONSTRUCTION AND MODIFICATION OR EXPANSION OF A FACILITY

A. New Construction, Modification, and Expansion Responsibilities

Construction space at the site is available and future additional facilities may be authorized. Because the site is limited to government radio uses only, is remote and without commercial power, future growth is unlikely. If new facilities are proposed, or if existing facilities need modification, the following guidelines shall apply.

In addition to the responsibilities listed in Section IV, applicants, facility owners, and facility managers seeking to construct a new facility or modify or expand an existing facility are responsible for:

1. Submitting a complete application to the authorized officer prior to any new construction, modification, or expansion of a facility. The application shall include:
 - a. A copy of the approved site plan base map showing all of the proposed new, modified, or expanded facilities, including structures, towers, and auxiliary equipment;
 - b. Completed drawings or plans prepared by a professional engineer or architect;
 - c. Identification of any proposed point-to-point microwave paths, a plot of their azimuth, and their proposed elevation on the tower; and
 - d. Documentation showing that the proposed facilities will not obstruct or interfere with any existing uses, including fixed point-to-point antennas, omni-directional broadcast antennas, or point-to-point microwave paths.

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2. Demonstrating that the new facility will make the most efficient use of the limited amount of space at the site and will provide for future uses without additional construction.
3. Providing engineering and geotechnical investigations for development of specific foundation designs and grading plans.
4. Providing an erosion control plan prior to construction. At a minimum, the erosion control plan shall include sediment control; stipulations that cut and fill slopes will be graded and contoured to prevent erosion and excessive runoff, and recommendations for temporary erosion control measures, such as netting, silt fences, swales, sediment collection areas, and so forth.
5. Coordinating with other Federal and local governments and securing all pertinent permits and approvals from those agencies.
6. Providing 30 days' notice to all facility owners and facility managers at the site, as well as the Forest Service, of all new frequencies, either for themselves or their tenants and customers, proposed for the site. A completed FS-2700-10 shall be sent with the 30 day notice to allow for comment of potential interference. If there is a reply to the request for comments that suggests that there may be physical interference, electronic incompatibility, or potential radio frequency interference to existing uses, the Facility Owner or Facility Manager must address those concerns with a sufficiently detailed response that the existing use will withdraw its objections to the new use or special terms and conditions must be created to address those concerns. Copies of any response under this paragraph, positive or negative, must be provided to the Forest Service.

B. Construction Methods and Resource Protection

Plans submitted by a proponent, facility owner, or a facility manager for construction, modification, or expansion of a facility shall provide for soil rehabilitation measures, including soil replacement and stabilization and proper handling of runoff from buildings, parking areas, access roads, and undeveloped common areas. The authorized officer must approve all cutting or trimming of vegetation.

During construction, modification, or expansion of facilities, facility owners and facility managers shall:

1. Identify, avoid, and protect sensitive resource areas identified by the Forest Service.
2. Comply with the erosion control plan.
3. Notify the Forest Service authorized officer prior to commencing any approved ground-disturbing activities.

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4. During construction and/or maintenance, paintbrushes will not be cleaned off on rocks. No marks of any kind, including survey marks, will be permitted on rocks.
5. Minimize, to the greatest extent possible, ground disturbance and vegetation removal.
6. Re-vegetate extensive cut and fill slopes with native vegetation as soon as possible after construction. All re-vegetation must have prior written approval of the authorized officer.
7. Not cast off grading material. Excess soil can be used as fill material for roads, buildings and towers.
8. Obtain prior written approval of the authorized officer for temporary, on-site storage of construction materials.
9. Not leave hazardous materials, including fuels, oils, and lubricants unattended at the site at any time. Hazardous materials shall be removed from the site at the end of each workday or temporarily stored inside a locked and posted building until the following workday. Construction materials and supplies other than hazardous materials may be left unattended at the construction site at the end of each workday at the owner's risk.
10. Remove surplus construction materials and waste debris from the site no later than 30 days after construction has been completed.
11. To prevent the spread of noxious weeds into the area, power wash off any earth-moving or heavy equipment, such as dozers, graders, cranes, backhoes, and so forth before it is brought onto National Forest System lands.

C. Construction Inspection

1. All new construction, modification, and expansion of facilities shall conform to established technical standards and accepted engineering practices, such as the Uniform Building Code, Occupational Safety & Health Administration (OSHA), National Fire Protection Association (NFPA), National Electrical Code (NEC), Electronic Industries Alliance/Telecommunication Industries Association (EIA/TIA) codes and standards, and state regulations.
2. Any construction inspections required by other agencies are the responsibility of the holder. Copies of completed inspections shall be provided to the Authorized Officer, either as they occur or as part of the final as-built plan. Inspection information shall become a permanent part of the holder's special-use file.

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3. Corrective work required as a result of Forest Service or other agency inspections shall be completed by the date specified in the inspection report to the satisfaction of the inspecting official.
4. A final set of as-built plans shall be submitted to the Authorized Officer within 90 days of acceptance of a structure (if the construction was contracted) or of its completion date (if the construction was not contracted).

D. New or Remodeled or Expanded Buildings

1. Any new buildings shall be designed to accommodate multiple users and shall be consistent with a site-specific environmental analysis conducted at the time of the proposal.
2. Building height will be restricted to a single story unless specifically authorized for two stories or with a snow vestibule. The roof shall be non-reflective metal or other non-reflective fire resistant material approved by the Forest Service. Roofs can be equipped with antenna support structures, such as poles and railings that can extend up to 25 feet above ground level.
3. Facility owners and facility managers are encouraged to construct the interior of their buildings in a modular fashion, so that they can:
 - a. Sublease sections to others;
 - b. Provide tenants and customers with internal separation and security;
 - c. Reduce physical interference; and
 - d. Increase management effectiveness.
4. The following materials are approved for construction of new buildings:
 - a. Floors: Concrete slab with drainage or as part of a non-flammable pre-fabricated structure.
 - b. Walls: Concrete block, metal, or pre-fabricated concrete.
 - c. Roofs: Concrete, corrosion resistant metal (if painted to eliminate shiny surfaces), or other fireproof material approved by the Forest Service. Proposals for wooden roofs will not be approved.
 - d. Partitions: Fire resistant material, such as reinforced concrete or properly grounded expanded metal.
 - e. Color: Color used on all exterior building surfaces must have prior written approval of the authorized officer. The goal of color selection is to make buildings as inconspicuous as possible when viewed from a

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distance. The intent is to reduce or eliminate glare from reflective and/or illuminated surfaces such as windowpanes, sheeting and reflective paints. Non-reflective, Forest Service approved dark gray to green colors shall be used on equipment buildings.

- f. Building entry lights must:
 - i. Only light the immediate area in the vicinity of the door;
 - ii. Be motion-activated and have a limited time duration of 3 to 5 minutes; and
 - iii. Have a shielded beam that is pointed at the building door.

Requests for all-night (dusk-to-dawn) lighting or entry lighting that would be visible from outside the site will not be approved.

E. New or Remodeled/Expanded Towers

1. All construction, modification, and expansion of towers shall have the prior written approval of the authorized officer.
2. It is the applicant and holder's responsibility to ensure that new, modified, or expanded towers will not unduly interfere electronically or physically with any existing equipment at the site. Towers shall be spaced so as to prevent ground level radiation and interference problems. Compliance with these requirements shall be demonstrated in writing to the authorized officer prior to issuance of a lease, permit, or amendment.
3. All new towers shall comply with current structural and safety specifications and design standards, including safety-climbing devices. Towers should be as narrow and "open" as safety and structural integrity allow. New towers should be designed using maximum wind, snow, and tower loading anticipated for the site.
4. All new towers shall not exceed 40 feet. All new towers shall be self-supporting unless specifically authorized.
5. To avoid possible impacts to birds or bats, structures under this section must comply with the most current version of the U.S. Fish & Wildlife Service's Guidelines on the Siting, Construction, Operation and Decommissioning of Communication Towers (available at <http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/guidance-documents/communication-towers.php>)
6. All towers shall be left unpainted if they are made of dull, galvanized steel. Paint is required only if the tower has a shiny or reflective surface. Non-reflective, Forest Service approved dark gray to green colors will be approved unless the FAA requires red and white tower striping.

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7. No lights, beacons, signs or strobes shall be allowed on new towers unless specifically required by the FCC/FAA.

VIII. GENERAL OPERATION AND MAINTENANCE**A. Special Environmental and/or Biological Considerations**

There are no unique environmental or resource coordination requirements at this site. If issues arise in the future, this plan will be amended in accordance with the applicable decision or direction. (Note: Include considerations which have been identified in other approved documents and directly impact the commsite uses such construction closures for nesting or rearing of sensitive species, anti-perching devices, road closures, etc.)

B. Wiring and Grounding

1. All equipment shall be installed in metal cabinets or open frame equipment racks that are grounded and shielded. Grounding is to be installed in accordance with manufacturer's recommendations and accepted industry standards.
2. All building electrical wiring and grounding shall meet the NEC and applicable state and local codes. All permanent wiring shall be installed in metallic conduit and shall include a separate safety ground conductor. Electrical metallic tubing (EMT) raceway in and of itself shall not be used as a ground return. Exception: If galvanized rigid conduit (GRC) is employed, it shall be acceptable for use as a ground return.
3. Every effort shall be made to protect the equipment from lightning damage. Lightning protectors should be used on all coaxial cable connections to equipment enclosures. Inert gas gap or metal oxide varistor (MOV), silicon avalanche diode (SAD), or transient voltage surge protectors (TVSS) should be used on all control, audio, and power lines. Failsafe modes shall be employed in the TVSS to protect wiring and shelter from fire damage. All TVSS equipment shall be UL1449 listed or approved.
4. All new building and/or tower structures shall have its own separate station ground mat system for all users in that site and solidly bonded (such as exothermic weld, not brazing) to the electrical service entrance grounding conductor or grounding electrode. Wherever practical, interconnection of individual station ground mats and/or the simultaneous placement of large sized copper ground wire with any new grounding systems that are buried on the site shall be encouraged.
5. Grounding shall be installed in accordance with accepted practices and standards, such as but not limited to, Motorola, Inc. "Standards and Guidelines for Communications Sites R-56 Issue B", and NEC Articles 250,

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810, and 820. Ground enhancement materials using bentonite clay is currently the only approved method for chemical grounding. Other types of chemical grounding shall require completion of NEPA documentation by the applicant prior to consideration for approval by the authorized officer.

C. Communications Equipment**1. Equipment Ownership**

All equipment shall be labeled with:

- a. The owner's name;
- b. Applicable transmitter frequencies;
- c. The applicable FCC license or NTIA authorization;
- d. Transmitting power outputs; and
- e. A current 24-hour telephone contact number.

2. Transmitting Equipment

All transmitters shall have protective devices built into them or externally installed to prevent interference with other uses. All transmitters shall meet FCC/NTIA requirements and be FCC type accepted for use in the licensed (or license exempt) application.

The re-radiation of intercepted signals from any unprotected transmitter and its associated antenna system shall be prevented by the use of appropriate filters, typically bandpass filters, circulators (isolators), and/or 2nd harmonic filters.

The direct radiation of out-of-band emissions (noise or spurious harmonics) shall be reduced to a level such that it may not be identified as a source of interference as defined in Title 47 of the FCC Telecommunication regulations. If site noise (electromagnetic noise) becomes an issue, noise threshold limits shall be established, and amended into the Site Plan.

All transmitters not in immediate use and not specifically designated as standby equipment shall be removed. Loads connected to circulators shall be capable of dissipating the total power output of the transmitter.

Where duplexing is used, a notch-type filter device by itself shall be avoided. In situations where a notch-type device is used, a bandpass filter shall be used on both the receiver and transmitter. Transmitter multi-channel hybrid combining equipment should be avoided unless additional protection is

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provided to ensure hybrid balance and minimize the chance for intermodulation products being produced. A post combining bandpass or lowpass filter is required after the basic hybrid combiner to block undesired 2nd harmonics from being radiated.

3. Receiving Equipment

A bandpass device, such as a cavity or crystal filter, is recommended at the input of all receiving devices. Cavity filters or other protective devices may be used at receiver inputs to reduce interference.

Where duplexing is used, a notch-type device should be avoided. In situations where a notch-type device is used, a bandpass filter shall be used on both the receiver and transmitter.

4. Antennas

- a. Microwave (dish) antennas and other than ground-mounted satellite dishes shall not exceed 2 feet in diameter, unless specifically authorized to meet path performance and reliability criteria.
- b. All antennas shall meet all OSHA safety standards. All facilities must operate in accordance with the Federal Communications Commission (FCC) radio frequency exposure regulations. Facilities discovered to allow exposure in excess of applicable public or occupational limits will be remediated within 24 hours to bring it into compliance. Ground measurements of Radio Frequency Radiation (RFR) levels will be taken before mitigation measures are implemented.
- c. Colors for dish antennas or covers shall be pre-approved by the authorized officer. White dish antennas and covers will not be approved. Existing white dishes and covers shall be repainted or replaced as repairs or replacement become necessary.
- d. Antennas shall be treated to reduce or eliminate reflected glare.
- e. Low-powered transmit and receive antennas may be located low on the tower or on the ground.

5. Interference

The responsibility for correcting interference problems lies with the holder of the communications use authorization for the facility, the user causing the interference, and the affected parties. Generally, the first users at a site have seniority with respect to resolution of interference complaints. Senior users have an obligation to maintain their equipment to current industry standards, to operate their systems in accordance with the terms of both the FCC license

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and the NTIA/Interdepartment Radio Advisory Committee (IRAC) frequency authorization, and to comply with the Forest Service communications use authorization. New users at a site shall correct, at their expense, interference problems that they create. If it can be demonstrated that the senior user's equipment is at fault because of poor technical performance (does not meet, for instance, current Association of Public-Safety Communications Officials (APCO) or EIA/TIA technical standards for receiver performance), it will be necessary for the senior user to bring the poor performing receiving equipment up to current standards. The new user, in any event, shall cease operation of the suspect equipment until the problem is corrected, or as in the case of a poorly performing senior user receiver, the senior user must formulate an action plan for correcting the deficiency as soon as possible and be acceptable to both parties. If interference problems cannot be resolved or corrected within a reasonable time, the new use that is causing the interference may be terminated and the equipment removed.

If a Site Users Association is formed, all users shall cooperate with the Forest Service in the identification and correction of any interference. The Forest Service does not have any responsibility for correcting interference problems, but can act as a mediator to help all affected parties. Interference problems, whether theoretical, calculated, or measured (before and after licenses are granted) should be coordinated and resolved with the FCC or NTIA, as appropriate.

Interference with Public Safety, Critical Infrastructure, and any other emergency communications facility shall be corrected immediately. Operation of equipment covered by this site plan shall not interfere with Federal Government radio or electronic operations already in existence on NFS lands within two miles of the Goat Mountain Communications Site. The user causing this interference shall at their own expense take all actions necessary to prevent or eliminate the interference. If they do not eliminate the interference within ten (10) days after receipt of notice from the Forest Service to do so, their use will be terminated.

If electromagnetic noise becomes an issue, noise thresholds shall be established and incorporated as an amendment to this site plan. The cost of such analysis is the responsibility of the authorization holders.

D. Cables and Transmission Lines

All new outdoor cabling shall be jacketed and 100 percent shielded and shall either be flexible or semi-rigid. Cables shall be properly installed, strapped, and fastened down. Cable runs should be consistent with applicable engineering standards when attaching cables onto a tower.

All transmission lines (including wave guide) shall be supported in accordance with manufacturer's specifications. Unjacketed transmission lines or unjacketed cables of any

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type are prohibited. No transmission lines shall be left unterminated. Lightning protection ground down conductors on towers shall be insulated from the tower steel and considered no different than transmission lines. Bonding of this down conductor to tower steel shall be done with NEC approved connectors that are also galvanically compatible (bronzed or tin plated) with the structural galvanized steel of the tower.

Double-shielded braided (98 percent or better) or solid-shielded cable shall be used inside of buildings. No RG-8 or RG-58 type class of cable is permitted. No connector-type adapters shall be used on transmission lines. Only correct connectors that will mate to connected devices may be used.

Conduits shall be shared as allowed for under the NEC when they service common areas and shall be buried where possible.

Existing cables and transmission lines that do not meet the above requirements shall be upgraded as repairs or replacement become necessary.

E. Radiation

All communications uses shall meet FCC, NTIA, and OSHA regulations, policy, guidelines, and standards concerning radiation limitations.

All antenna radiation zones shall meet all OSHA safety standards. If an antenna radiation zone is operating in excess of FCC public or occupational standards, steps will be taken, such as fencing, posting of signs, relocation, lowering of power levels, etc. within 24 hours to bring the zone into compliance. Ground measurements of RFR levels will be taken before mitigation measures are implemented. It is recommended that each Facility Owner or Manager, in accordance with FCC regulations 47 CFR sections 1.1307(b), 1.1310, and 2.1093, properly monitor Maximum Permissible Exposure (MPE) to electromagnetic fields for their site.

Monitoring radiation levels at the site is the responsibility of all site users and shall occur at intervals to comply with FCC regulations and guidelines. A copy of the monitoring report shall be provided to the Forest Service within 30 days of its completion.

Security fences with RFR notice signs are required around areas that exceed public use levels. All fencing location and design shall be pre-approved by the Forest Service.

Warning signs shall comply with American National Standards Institute (ANSI) C95.2 color, symbol, and content conventions. Contact information, including name and telephone number will also be included on warning signs.

Any identified RFR radiation problems that are, or could be, a public health hazard must be corrected within 24 hours after measurement tests have been completed or be removed from the site by the site user(s). If the proposed corrective action involves any new ground disturbance, it must be pre-approved by the Forest Service.

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Site users shall pay for the cost to install and maintain utilities, including any resource surveys and reports needed for environmental compliance. For visual reasons, new overhead utility poles are not authorized.

1. Commercial Electrical Power

No commercial power is provided to this site. Solar arrays and batteries provide all necessary power.

2. Telephone Service

Commercial telephone lines do not service this site.

3. Fuel Storage

Fuel storage facilities on this site must be designed, installed and maintained according to applicable NFPA standards, federal, State and local laws and ordinances. All fuel storage tanks shall be grounded to the station ground mat.

If additional service is ever deemed necessary, a separate authorization will be issued to the owner of the service following the appropriate NEPA analysis and decision. The applicant must pay the cost of necessary resource surveys, and reports and construction costs including appropriate mitigation. For visual reasons, overhead utility lines may not be authorized.

G. Sanitary Facilities

No sanitation facilities exist at this site. If needed, any new sanitary facilities shall be pre-approved by the Forest Service. If it is determined by the authorized officer that the user needs such facilities, they will be provided by the applicant/holder in a manner and location satisfactory to the authorized officer and requirements of the local health department.

H. Security and Law Enforcement

The Colusa County Sheriff's Office is the principal law enforcement agency for the area in which the Goat Mountain Communications Site is located. Generally, the County Sheriff is responsible for civil and criminal law enforcement. Generally, the Forest Service is responsible for enforcing Federal laws applicable to NFS lands, such as resource protection. Patrol and policing for security purposes is the holder's responsibility.

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None of the facilities at Goat Mountain Communications Site are fenced. If additional fencing is ever deemed necessary for security purposes at the site, it must meet the following criteria:

1. All fences must meet health and safety requirements.
2. All fence locations and design require Forest Service pre-approval.
3. The standard fencing type will be chain-link (i.e. cyclone).
4. The standard fence height will be eight (8) feet.
5. Fencing will be designed, maintained, and of a type to minimize interference issues. All fencing materials shall be hot-dip galvanized coated to minimize corrosion and dissimilar metal contacts.
6. Fencing shall be grounded at regular intervals not to exceed 20 feet to the station ground mat. The purpose of this requirement is to lower its conductivity to RF signals and shunt those RF signals to ground and prevent re-radiation.
7. Fences will be signed with RFR notices if RFR is above public levels.

Buildings shall be posted with a 24-hour contact phone number(s) on the main door(s) into the building where appropriate.

I. Site Maintenance

The objectives of site maintenance are to present a clean, neat, and orderly appearance at the site and to have all the authorized improvements at the site be safe for workers and the public. All users are responsible for maintaining the overall appearance of the site.

Miscellaneous debris remaining after any construction or installation, removal or modification of equipment is not only a hazard but can cause interference or intermodulation problems. All loose debris must be removed from the site within 30 days after completing construction, reconstruction, or other activities. In particular, all loose wire or metal objects shall be removed from the site. The users of the site shall remove graffiti within ten working days of finding it. If graffiti is on natural features, such as rocks and trees, site users will remove graffiti using a method approved by the authorized officer.

Holders may not leave or dispose of trash, garbage, or cut brush on NFS lands. No outside trash or litter containers are allowed. Site users shall remove all trash and litter from the site as it is produced. Policing of litter in common areas, such as the areas between buildings and developed sites, is the shared responsibility of those holders bordering these areas.

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Peeling paint on buildings and towers shall be re-painted within thirty days of discovery or as soon as possible as allowed by weather conditions.

J. Inspections

Unless waived in writing by the authorized officer, the holder shall have conducted annually a certified inspection of the facilities and equipment covered by the authorization. The inspection shall include a technical review that should ensure that all authorized equipment is operating in accordance with requirement of this site plan, the applicable FCC license or NTIA authorization, ANSI standards, and the manufacturer's specifications. In addition, the inspection should ensure that the authorized equipment is secure, free of rust, properly grounded, and otherwise properly operated and maintained. A copy of the inspection report, certified by a telecommunication specialist, shall be provided to the authorized officer within 30 days of completion of the inspection. The Forest Service may also conduct periodic reviews to monitor for authorization compliance.

K. Fire Prevention and Hazard Reduction Requirements

Facility owners and facility managers will be required to control vegetation within the fenced or immediate area around their facilities. Gravel/mineral soil (i.e. bare ground or mowed vegetation) must be maintained to a minimum of thirty (30) feet clearance around buildings and a minimum of thirty (30) feet clearance around any propane tank. Identified threatened, endangered, or sensitive plant species must remain within the minimum clearance areas.

Smoking is prohibited in flammable vegetation areas.

Roof structures shall be kept reasonably clear of debris at all times.

No explosives will be stored at this site. Flammable materials shall be stored in conformance with the requirements of local fire regulations. Flammables will be placed in closed containers and stored away from sources of ignition and combustible materials. If flammables are stored within a building, the building will be locked, properly signed and well ventilated.

Approved spark arresters will be required and maintained on all internal combustion engines.

At least one (1) U.L. rated 20 lb. A:B:C dry chemical fire extinguisher is required inside each building. Prior to each June, fire extinguisher(s) shall be inspected by holders and refilled, if necessary.

Any fire will be immediately reported to "911", the nearest Forest Service office and/or Lake County Sheriff's Office.

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Forest Service Officers will make periodic fire prevention inspections. They will call to the holder's attention any lack of compliance with the above regulations, plus any other existing hazards. Compliance with these inspections is required within the time limits specified in the inspection report.

All fire protection standards must be accomplished by the beginning of fire season unless otherwise agreed to, and then maintained throughout the fire season.

For new construction, the Forest Service will provide the Holder with a separate Construction Fire Plan which will be prepared at that time as applicable. State and local laws/regulations must be followed for the diesel tank installation.

L. Access

1. Road

Holders who damage the access road, or any of its associated improvements, such as ditches, culverts, roadside vegetation, signs, and underground utilities and facilities, shall be required to repair the road to conditions equal to or superior to those prior to any damage or disturbance.

Directions to Goat Mountain Communications Site are from Willows, west on State Route 162, for about 20 miles to Glenn County Road 306. Turn left on Road 306 and travel approximately 17 miles to the Stonyford Work Center. Turn right onto Colusa County Road 43A (Fouts Springs Road) and travel 4.2 miles to Forest Road M5. Turn left and follow the M5 for approximately 11.8 miles to Forest Road 17N02. Turn right onto 17N02 and travel about one mile to Forest Road 16N18. Turn left onto 16N18 and travel about two miles to Forest Road 16N03. Turn left and follow 16N03 for 1.5 miles to the site. There is a locked gate near the beginning of 16N03.

2. Internal Roads and Parking Areas

Internal roads and parking areas within the communications site are the responsibility of the site users. Interior roads and parking areas shall be planned and approved by the authorized officer in conjunction with establishment of new facilities. Interior roads shall be maintained so as to allow only one entrance to the site. The intent is to discourage off-road vehicle use in and around the site.

3. Road Closures

Forest Service roads are subject to periodic closures to entry during periods of extreme fire danger, inclement weather, or wetness. Site users may access the site during these closures if they have prior, written approval from the authorized officer.

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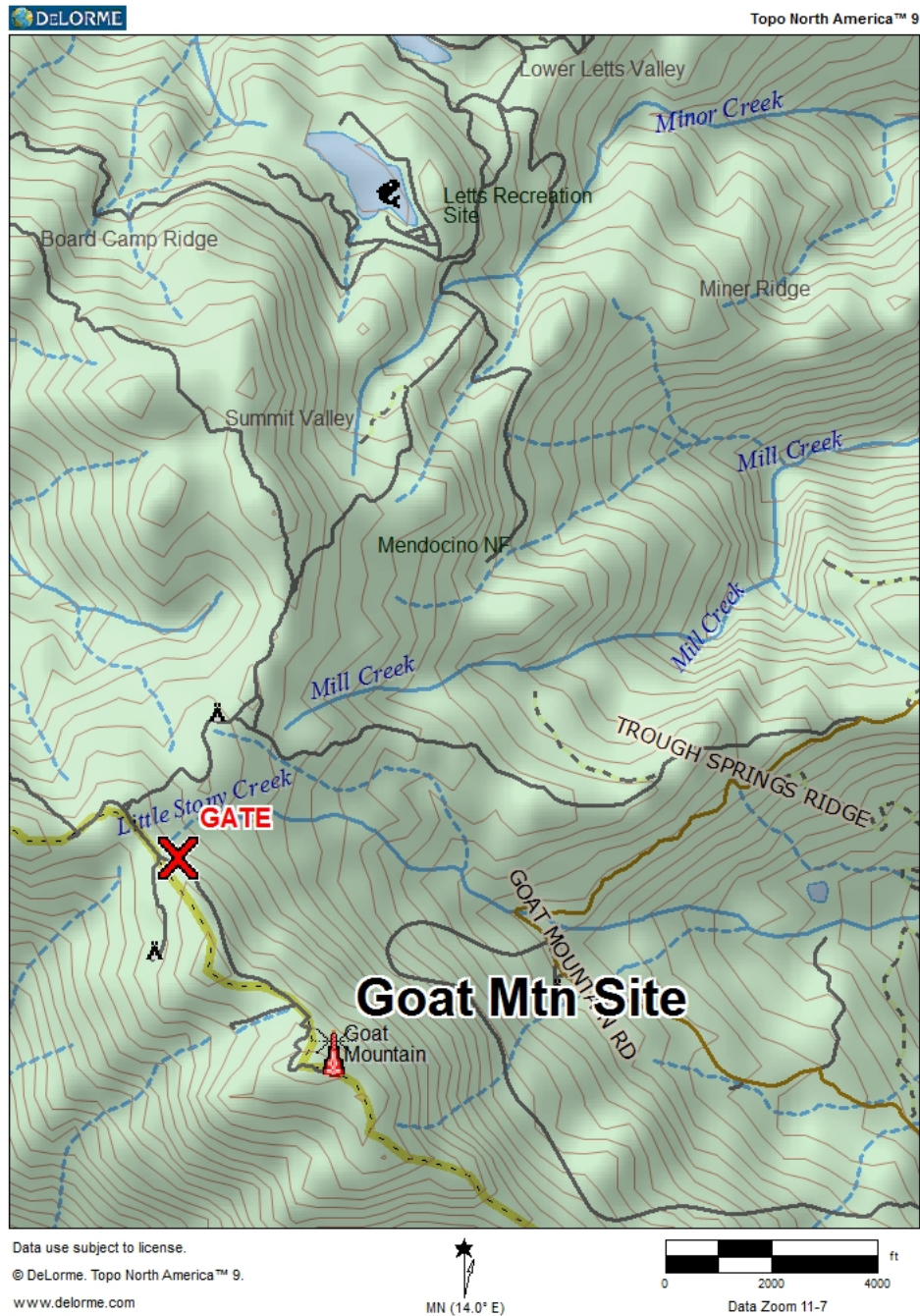
IX. SITE ASSOCIATION AND ADVISORY GROUP

A site association is probably not needed at this time. If development were to increase, a user's association may become desirable. Leadership would need to come from one of the users. As needed in the future, the site association would be responsible for obtaining and maintenance of an administrative access and upkeep of internal roads and parking areas. The site association would also be responsible for ensuring cooperation between users for on-tower access. A site safety officer would be identified within the site association. The site association would be expected to develop a Radio Frequency Radiation Plan/Agreement and recommend measures to reduce interference issues (e.g., through use of filters).

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X. APPENDICIES

APPENDIX A – Location Map



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Site Map



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APPENDIX B – Authorized Facilities

Facility	Auth ID	Use	Building	Tower	Other
Facility #1 Forest Service	NA	PMRS	10'x12' concrete	40' lattice 30' lattice	Solar array on roof Batteries
Facility #2 Lake County Sheriff's Office	GRI603	PMRS	8'x 8' vault	40' Monopole attached to building	Solar array on roof

GOAT MOUNTAIN COMMUNICATIONS SITE MANAGEMENT PLAN

APPENDIX C – Facility Photographs

Facility #1 – Forest Service



GOAT MOUNTAIN COMMUNICATIONS SITE MANAGEMENT PLAN

Facility #2 – Lake County Sheriff's Office

Need “As built”



GOAT MOUNTAIN COMMUNICATIONS SITE MANAGEMENT PLAN

APPENDIX D – Inspection Checklist

“Goat Mountain Annual Technical Inspection”

Date Inspected: _____ Authorization Holder: _____

Authorization ID: _____ Holder Site Reference ID: _____

Site Technician: _____ Phone # _____

Number of Transmitters _____ FCC Call Sign(s): _____

Please mark the following Items as Acceptable (A) or Unacceptable (U).

Electrical Wiring ----- (A) (U) Grounding ----- (A) (U)

Equipment Installation ----- (A) (U) Housekeeping ----- (A) (U)

Building Repair ----- (A) (U) Tower Repair ----- (A) (U)

Please mark the following Items as Yes (Y) or NO (N) or (N/A)

Isolators ----- (Y) (N) (N/A) Circulators ----- (Y) (N) (N/A)

Cavities ----- (Y) (N) (N/A) Terminators ----- (Y) (N) (N/A)

Filters ----- (Y) (N) (N/A) Lightning Protection ----- (Y) (N) (N/A)

FCC License or NTIA Authorization Posted (Y) (N)

Equipment Labeled with *(please check all that apply)*:

Owner's Name _____ Transmitter Frequencies _____ Transmitting Power Outputs _____

Current 24-hour Telephone Number _____

Comments: _____

Recommended Corrective Action: _____

Corrective Action To Be Taken *(may require prior approval from the Forest Service)*: _____

I certify that to the best of my knowledge the information provided is true, correct, and complete.

Site Technician Signature

Date

All corrective actions must be completed within 120 days of this site inspection, unless otherwise agreed to in writing by the Forest Service.

Please make a written report of corrective action taken and submit to the Forest Service. If you should have any questions, please call the Forest Service office.

APPENDIX B- CONSTRUCTION PLAN

Construction description summary:

1. Installation of:
 - a. 8' X 8' Aluminum equipment structure with 4 leveling anchoring feet mounted on 4 concrete pads
 - b. 50' monopole attached to equipment structure
 - c. Solar panels on the roof of the equipment structure.
2. Construction will take a couple days to complete, subject to possible delays caused by snow and weather. Construction will require equipment such as an excavator for the building foundation and setting the building/tower.
3. It is not expected that excess soil will be stockpiled, spoils from the tower and building footings will be used to level the existing open.
4. Equipment will be staged on site to complete construction and installation of the building/tower. The existing open space next to the facility location will provide the area required for equipment during grading, and for materials to construct the tower and the buildings/shelters.
5. Maintenance of the access road as needed. Road maintenance is the responsibility of the authorization holders and site users and will be done in accordance with Forest Service standards as outlined in the Communications Site Management Plan's Road Maintenance Appendix.

Stipulations below are specific to the results of the 11/22/2019 *Goat Mountain Radio Vault Project Decision Memo* by the Forest Service, Department of Agriculture. These stipulations are necessary for the adequate protection of National Forest System lands, resources, and personnel.

- Geology-I:
 - (1) When constructing the vault pad and vault, the Lake County Sheriff shall use measures to reduce generation of dust such as wetting the work area with water.
 - (2) To prevent generation of dust, personnel shall drive at low speeds to the work area, preferably below 15 miles per hour, and slow down when personnel are present along the road.
 - (3) A job-hazard analysis (JHA) will be provided to the Lake County Sheriff for asbestos and on-site personnel shall follow the JHA.
- Invasive-I: Visual inspection and cleaning of vehicles, equipment, materials, and personnel is required prior to entering the project area to ensure that they are free of soil, seeds, and plant material.

Stipulations below are general construction guidelines for installation of communication facilities.

General

1. All work will be in accordance with the Goat Mountain Communications Site Management Plan.
2. As much as possible, staging areas will be located on already disturbed lands with little or no vegetation and will be approved by the Forest Service prior to project implementation.
3. Vehicle/motorized equipment use will be only authorized on existing Forest System Roads. Use of unauthorized routes or cross-country driving will be prohibited.
4. Project vehicles/equipment will be parked on existing disturbed areas or within the roadbed or parking area.
5. Disturbance of soil, vegetation, and wildlife will be minimized to the greatest extent possible.
6. Temporary overburden piles will be stored in existing roadbed or other previously-disturbed site/clearing. Exceptions will require prior Forest Service approval.
7. Work crews will follow all appropriate Forest fire prevention restrictions and guidelines.
 - a. Care will be exercised when driving and parking vehicles where catalytic converters could ignite dry vegetation.
 - b. All vehicles will carry a fire extinguisher and shovel.
 - c. Personnel will not smoke or extinguish cigarettes except in a vehicle or where there is an area cleared to bare mineral soil.

Noxious Weeds

1. All heavy equipment will be power washed to remove mud, soil and/or plant parts prior to being moved onto National Forest System (NFS) lands. The opportunity to inspect equipment will be provided to the USFS prior to mobilization on NFS lands. Provide 48 hours of notice before mobilization. Equipment will be considered free of soil and other debris when a visual inspection does not disclose such material. Construction vehicles traveling along roads will be free of excess soils and plant materials.

Hydrology / Soils

1. Wet weather and winter operations:
 - a. To the extent practicable, construction activities will be scheduled to avoid direct soil and water disturbance during periods of the year when heavy precipitation and runoff are likely to occur.
 - b. Operation of equipment will be limited when ground conditions could result in excessive rutting, soil puddling, or runoff of sediments directly into waterbodies.
2. Erosion and sediment control:
 - c. Minimize the disturbance footprint to within existing disturbed areas.
 - d. Prompt installation and appropriate maintenance of erosion control measures.
 - e. Prompt installation and appropriate maintenance of spill prevention and containment measures.

- f. Identifying suitable areas offsite or away from streams and riparian areas for disposal of excess excavated material before beginning operations (see Engineering stipulation 1. below).
 - g. Erosion control products must be made from 100% biodegradable non-plastic materials that either does not contain netting, or netting is non-plastic and loose-weave which is not fused at the intersections of the weave. Erosion control blankets and wattles shall be manufactured of wood fiber, jute, or coconut (coir) fiber. Other products without welded weaves, may be viable alternatives. Erosion control products will be approved by the USFS prior to purchase.
 - h. Erosion and sediment control plan must include measures for removal of erosion control/sediment products if or where applicable.
 - i. All constructed erosion control measures will be checked and cleaned following any weather event causing rilling and/or movement of sediment into structures.
 - j. Erosion control structures will be left in place until site stabilized.
- 3. Concrete washout area will be set up to capture all wash water and debris. Concrete waste will be entirely removed and properly disposed of and will not be left on site nor on National Forest System Lands.
- 4. During facility construction, and upon completion, the portions of Forest System Roads needed for project access, will be maintained in compliance with Forest Service standards as outlined in the Communications Site Management Plan, and further specified by the Forest Service as necessary.
- 5. Parking, equipment storage, fueling and staging areas will be located on upland sites outside of Riparian Conservation Areas (RCAs). Spill containment measures that result in minimal risk of direct drainage into RCAs will be used. Prior to project implementation, specific locations will be designated for equipment staging, stockpiling materials, fueling and parking. Upon facility construction, parking and staging areas will be returned to original condition or better, as acceptable to the Forest Service authorized officer.
- 6. Fuel storage tanks will be grounded and meet current fire department, federal, state, and local safety and hazardous materials requirements and must be designed, installed and maintained according to applicable NFPA standards, federal, State and local laws and ordinances.
- 7. Containment features or countermeasures will be installed or constructed to ensure that spilled hazardous materials, e.g., diesel, oil, hydraulic fluid, etc., are contained and do not reach groundwater or surface water.
- 8. Cleanup of spills and leaking tank(s) will be completed in compliance with Federal, State, and local regulations and requirements.
- 9. Hazardous spill kits will be adequately stocked with necessary supplies and maintained in accessible locations.

10. For larger hazardous materials releases or spills, holder will provide adequate communication to all downstream water users, such as municipal drinking water providers, as necessary.

Engineering

1. Excess fill material shall be disposed of or used on roads, as required or approved by the Forest Service.
2. If pre-implementation road maintenance is necessary to accommodate truck and equipment traffic, this work will be proposed and approved by the Forest Service prior to project implementation.
3. The authorized holder will be responsible for road maintenance that is necessary to repair damage from construction as determined by the USFS.

Wildlife

1. All holes and trenches will be covered/filled at the end of every day in order that wildlife will not become trapped. Where it is not possible to cover a trench or hole, it will be equipped with an "escape ramp" (e.g., piece of lumber, stick, etc.) that allows animals to climb out. Holes and trenches will be checked each morning and any animals that have not escaped will be removed immediately by a crew member.
2. Project personnel will not bring pets to the work sites, unless properly leashed or restrained.
3. Feeding of all wildlife will be prohibited.
4. Collecting of any wildlife or plants will be prohibited.
5. Trash and food will be contained in closed containers and removed from the job site daily to reduce attractiveness to opportunistic wildlife species. All construction debris will be removed at the end of the job.
6. Crews will not intentionally injure or kill any wildlife species. Instead, animals will be allowed to leave the work area before work resumes.

Visuals

1. The Forest Service will work with permittee to identify the extent of the vegetation removal needed for defensible space based on site specific conditions.
2. All tower, building components (including roofs, doors and exterior vents) and other ancillary structures (including cabinets, fuels tanks, generators and retaining walls) exterior finishes will comply with the CSMP which states: Maintain visual resource objectives by requiring design standards that are unobtrusive and by utilizing earth tone colors and non-reflective surface material consistent with the standards in the applicable land management plan. Colors will be approved by the Forest Service prior to project implementation. The goal of color selection is to

make buildings as inconspicuous as possible when viewed from a distance. The intent is to reduce or eliminate glare from reflective and/or illuminated surfaces such as windowpanes, sheeting and reflective paints. Non-reflective, Forest Service approved dark gray to green colors will be used on equipment buildings.

3. All radomes / dishes /covers will be colored grey, not white.
4. All the materials associated with the site which are no longer used will be removed from the National Forest System lands after construction.

Vegetation Management

1. Only hazard trees along road or at site will be allowed to be cut. They will be felled and left at their location in such a way as to not interfere with Forest or holder operations unless other disposal is specified and approved by the Authorized Officer.
2. Logs equal to or greater than four inches in diameter will be bucked to a length that will allow the entire bole to be in contact with the ground.