

601 Sequoia Pacific Blvd., Sacramento, Calif. 95814-12

DIV 12
88-68

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE

EXPERIMENTAL
(Nature of Service)

KE2XNC (reinst)
(Call Sign)

RENEWAL

XR FX
(Class of Station)

0212-EX-R-88
(File Number)

NAME STATE OF CALIFORNIA

Kennedy Meadows (Tuolumne) California - Lat. 38 14 36 N; Long 119 45 30 W.

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications.

| Frequency MHz | Authorized Power (Watts) | Emission Designator |
|------------------|-----------------------------|------------------------|
| 401.7895 | 100 (ERP) | 1K50G1D |

POINT OF COMMUNICATION: GOES Satellite

Frequency Tolerance: \pm 0.002%

Operation: In accordance with Sec. 5.202(c) of the Commission's Rules.

Special Condition:

Subject to coordination and scheduling with Mr. Douglas MacCallum, National Earth Satellite Service, U. S. Dept. of Commerce, Chief, Data Collection and Direct Broadcast Branch (S/OP31), Washington, D.C. 20233, telephone (301) 763-8325.

This authorization is effective January 1, 1989
will expire 3:00 A.M. EST January 1, 1991

FEDERAL
COMMUNICATIONS
COMMISSION

APPLICATION FOR RENEWAL OF RADIO STATION
LICENSE IN SPECIFIED SERVICES

Specified Services
(FCC Rules Part 5, Part 21, Part 22, Part 23, Part 25)

| | | |
|---|--|------------------|
| Instructions: 1. Submit TWO COPIES direct to the Federal Communications Commission, Washington, D. C. 20554. (Only one copy is required for application under Part 5 of FCC Rules.) 2. Name of applicant must be identical with that shown on current license. 3. See Notice on reverse side of form. | For Official Use Only | |
| | File No. _____ | Call Sign: _____ |
| | Service: _____ | Class: _____ |
| 1. Name of Applicant (See Instruction 2.) STATE OF CALIFORNIA | 2. Mailing Address of Applicant (Number and Street, City, State and ZIP Code) 601 SEQUOIA PACIFIC BLVD SACRAMENTO, CA 95814-0282 | |

3. Application is for renewal of license in exact conformity with the existing license as specified below:

| | | |
|--|---------------------------------------|------------------------|
| a. File Number 0212-EX-PL-87 | b. Date Issued JUNE 2, 1987 | c. Call Sign KE2XNC |
| d. Location KENNEDY MEADOWS (TUOLUMNE) CALIFORNIA | e. Nature of Service EXPERIMENTAL | |
| f. Class of Station XR FX | g. Expiration Date JANUARY 1, 1989 | |

4. Note any changes such as discontinuance of use of a frequency, or of a type of emission or of a transmitter, correction of serial number of a transmitter; or any minor change in a transmitter not requiring a construction permit, which have been made since the last application covering this station was filed:

NONE

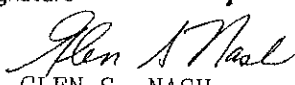
5. Applicant represents that there has been no change in applicant's organization and that there has been no transfer of control or changes in the applicant's relation to the station, financial responsibility, or in the equipment authorized to be used by the station; that applicant's most recent application or report embodying this information (file date SEPTEMBER 1, 1983) is to be considered as a part of this application, and the truth of the statements therein contained is hereby reaffirmed. Note here any further exceptions, not already covered in question 4.

6. Applicant waives any claim to the use of any particular frequency or of the ether as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests a station license in accordance with this application. Applicant acknowledges that all attached exhibits are a material part hereof.

**Willful false statements made on this form are punishable by fine and/or imprisonment.
U.S. Code, Title 18, Section 1001.**

Certification

I certify that the statements in this application are true, complete and correct to the best of my knowledge and belief, and are made in good faith.

| | |
|---|---|
| 7. Name of Applicant (Must correspond with item 1.) STATE OF CALIFORNIA | 8. Title of Applicant (if any) |
| 9. Signature  GLEN S. NASH | 10. Designate Appropriate Classification <input type="checkbox"/> Individual Applicant <input type="checkbox"/> Member of Partnership <input type="checkbox"/> Officer who is also a Member of the Application Association <input type="checkbox"/> Authorized Representative of Corporation <input type="checkbox"/> Official of Government Entity <input checked="" type="checkbox"/> Government Entity |
| 11. Date 21 OCT 1988 | |

601 Sequoia Pacific Blvd., Sacramento, Calif. 95814-0282

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE

EXPERIMENTAL
(Nature of Service)

KE2XNC (reinst)
(Call Sign)

XR FX
(Class of Station)

0212-EX-PL-87
(File Number)

NAME STATE OF CALIFORNIA

Kennedy Meadows (Tuolumne) California - Lat. 38 14 36 N; Long 119 45 30 W.

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications.

| Frequency MHz | Authorized Power (Watts) | Emission Designator |
|------------------|-----------------------------|------------------------|
| 401.7895 | 100 (ERP) | 1K50G1D |

POINT OF COMMUNICATION: GOES Satellite

Frequency Tolerance: $\pm 0.002\%$

Operation: In accordance with Sec. 5.202(c) of the Commission's Rules.

Special Condition:

Subject to coordination and scheduling with Mr. Douglas MacCallum, National Earth Satellite Service, U. S. Dept. of Commerce, Chief, Data Collection and Direct Broadcast Branch (S/OP31), Washington, D.C. 20233, telephone (301) 763-8325.

This authorization is effective June 2, 1987
will expire 3:00 A.M. EST January 1, 1989

FEDERAL
COMMUNICATIONS
COMMISSION

DEPARTMENT OF GENERAL SERVICES

TELECOMMUNICATIONS DIVISION

601 SEQUOIA PACIFIC BOULEVARD

SACRAMENTO, CA 95814-0282

(916) 322-6656



March 12, 1987

Federal Communications Commission
Experimental Licensing Division
Washington, D.C. 20554

Gentlemen:

Please renew the FCC licenses for the State of California as shown on the attached listing.

Calculations for these facilities indicate that none of them have a significant impact on the environment as defined in the FCC rules. A copy of the formula used to support this conclusion is attached.

If you have any questions, please telephone me at (916) 445-6875.

Thank you.

Phyllis Day
PHYLLIS DAY
FCC Coordinator

pd

Attachment

STATE OF CALIFORNIA
EXPERIMENTAL LICENSE RENEWALS
MARCH 1987

| <u>Call Sign</u> | <u>File Number</u> | <u>Location</u> |
|------------------|--------------------|-------------------|
| KE2XOU | 1245-EX-PL-84 | CARRVILLE |
| KE2XND | 9236-EX-R-84 | MOUNT SHASTA |
| KE2XPE | 1261-EX-PL-84 | HALLS FLAT |
| KE2XMW | 9091-EX-R-84 | LIVERMORE |
| KE2XPW | 1458-EX-PL-85 | COMPTCHE |
| KE2XAC | 1544-EX-PL-85 | PHILLIPSVILLE |
| KE2XBJ | 1478-EX-PL-85 | TEMPORARY |
| KE2XPB | 1249-EX-PL-84 | OAK GROVE |
| KE2XMV | 9090-EX-R-84 | SAN JOSE |
| KE2XAD | 1543-EX-PL-85 | ASTI |
| KE2XPX | 1459-EX-PL-85 | BOONVILLE |
| KE2XAB | 1542-EX-PL-85 | BROOKS |
| KE2XKJ | 8522-EX-R-84 | YOSEMITE VILLAGE |
| KE2XNE | 9237-EX-R-84 | CARTAGO |
| KE2XPC | 1250-EX-PL-84 | INDEPENDENCE |
| KE2XNB | 9234-EX-R-84 | LEE VINING |
| KE2XOY | 1248-EX-PL-84 | CASTELLA |
| KE2XLJ | 8592-EX-R-84 | BEACH MEADOWS |
| KE2XKE | 8392-EX-R-84 | BISHOP |
| KE2XNH | 9240-EX-R-84 | YOSEMITE VILLAGE |
| KE2XNG | 9239-EX-R-84 | KENNEDY |
| KE2XPD | 1251-EX-PL-84 | TENNANT |
| KE2XNC | 9235-EX-R-84 | KENNEDY MEADOWS |
| KE2XNI | 9241-EX-R-84 | BIG BEND |
| KE2XOV | 1589-EX-ML-85 | CARRVILLE |
| KE2XGK | 7747-EX-R-84 | MOBILE, STATEWIDE |
| KE2XGJ | 7746-EX-PL-85 | SACRAMENTO |
| KE2XGI | 7710-EX-R-84 | SACRAMENTO |

Date 4-22-85
Location Lower Relief
Call Sign KE2XNC
Agency DWR

- 1. Supervisor, Area 06
- 2. Technician, Shop 29

Please post attached license copies at the locations listed and sign in designated space below:

Transmitter
 Control Points:

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____

I have posted license copies as listed above.

W. Amstrong
Signature

Please return temporary license issued for this station by attaching it to this COM-103.

3. FCC Coordinator, Sacramento

4-24-85 to 0629

10-8-85 to Sacto

283

FCC Form 450-C
November 1974

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

EXPERIMENTAL

(Nature of service)

XR TM

(Class of station)

EXPERIMENTAL
RADIO STATION LICENSE

K E 2 X N C (renewal)

(Call sign)

9235-EX-R-84

(File number)

NAME STATE OF CALIFORNIA

Kennedy Meadows (Tuolumne) California - Lat. 38 14 36 N; Long. 119 45 30 W.

(Location of station)

(Location of authorized remote control point)

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communication.

| Frequency | Emission Designator | Authorized Power (Watts) | Special Provisions |
|--------------|---------------------|--------------------------|--------------------|
| 401.7895 MHz | 1K50G1D (1.5F9Y) | 100 (ERP) | |

POINT OF COMMUNICATION: GOES Satellite

Frequency Tolerance: \pm 0.002%

Operation: In accordance with Sec. 5.202(c) of the Commission's Rules.

Special Condition:

Operation are subject to coordination and scheduling with Mr. Douglas MacCallum, National Earth Satellite Service, U.S. Department of Commerce, Chief, Data Collection and Direct Broadcast Branch (S/OP31), Washington, D.C. 20233, Telephone (301) 763-8325.

The above frequencies are assigned on a temporary basis only and are subject to change at any time without hearing.

This authorization is granted subject to the condition that no harmful interference is caused to any other station or service and may be cancelled at any time without hearing if, in the judgment of the Commission, such action should be necessary.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained, so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such service as will serve public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

This authorization effective January 1, 1985 and will expire 3:00 A.M. EST January 1, 1987

3-27-85

FEDERAL
COMMUNICATIONS
COMMISSION



DEPARTMENT OF GENERAL SERVICES

OFFICE OF TELECOMMUNICATIONS

2025 19th STREET
SACRAMENTO, CA 95818
(916) 322-6656

November 20, 1984

Federal Communications Commission
Experimental Radio Service
Washington, DC 20554

Gentlemen:

Please renew the following licenses in the Experimental Radio Service:

| <u>Call Sign</u> | <u>File Number</u> | <u>Location</u> |
|------------------|--------------------|------------------|
| KE2XKE | 8392-ER-R-82 | Bishop, CA |
| KE2XKJ | 8522-ER-R-82 | Yosemite Village |
| KE2XKK | 8886-ER-MR-82 | Potter Valley |
| KE2XLJ | 8592-ER-R-82 | Beach Meadows |
| KE2XLK | 8839-ER-R-82 | Morgan Pass |
| KE2XMV | 9090-ER-PL-83 | San Jose |
| KE2XMW | 9091-ER-PL-83 | Livermore |
| KE2XNB | 9234-ER-PL-83 | Lee Vining |
| KE2XNC | 9235-ER-PL-83 | Kennedy Meadows |
| KE2XND | 9236-ER-PL-83 | Mount Shasta |
| KE2XNE | 9237-ER-PL-83 | Cartago |
| KE2XNF | 9238-ER-PL-83 | McCloud |
| KE2XNG | 9239-ER-PL-83 | Kennedy |
| KE2XNH | 9240-ER-PL-83 | Yosemite Village |
| KE2XNI | 9241-ER-PL-83 | Big Bend |

If you have any questions, please call me at (916) 445-6875.

Thank you.

A handwritten signature in cursive script that reads "Phyllis Day".

PHYLLIS DAY
FCC Coordinator

PD:pr

APPLICATION FOR RENEWAL OF RADIO STATION
LICENSE IN SPECIFIED SERVICES

Specified Services
(FCC Rules Part 5, Part 21, Part 22, Part 23, Part 25)

| | | | |
|--|--------------------|--|-------------------------|
| Instructions: 1. Submit one direct to the Federal Communications Commission, Washington, D. C. 20554. (Only one copy is required for application under Part 5 of FCC Rules.) 2. Name of applicant must be identical with that shown on current license. 3. See Notice on reverse side of form. | | For Official Use Only File No. Call Sign: Service: Class: | |
| 1. Name of Applicant (See Instruction 2.) STATE OF CALIFORNIA Department of General Services | | 2. Mailing Address of Applicant (Number and Street, City, State and ZIP Code) 2025 19th Street Sacramento, CA 95814 | |
| 3. Application is for renewal of license in exact conformity with the existing license as specified below: | | | |
| a. File Number | Various | b. Date Issued | Various |
| d. Location | Various | c. Call Sign | Various |
| f. Class of Station | Experimental XR FX | e. Nature of Service | Experimental (Research) |
| | | g. Expiration Date | January 1, 1985 |
| 4. Note any changes such as discontinuance of use of a frequency, or of a type of emission or of a transmitter, correction of serial number of a transmitter; or any minor change in a transmitter not requiring a construction permit, which have been made since the last application covering this station was filed: No change | | | |
| 5. Applicant represents that there has been no change in applicant's organization and that there has been no transfer of control or changes in the applicant's relation to the station, financial responsibility, or in the equipment authorized to be used by the station; that applicant's most recent application or report embodying this information (file <u>various</u> date <u>various</u>) is to be considered as a part of this application, and the truth of the statements therein contained is hereby reaffirmed. Note here any further exceptions, not already covered in question 4. | | | |
| 6. Applicant waives any claim to the use of any particular frequency or of the ether as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests a station license in accordance with this application. Applicant acknowledges that all attached exhibits are a material part hereof. | | | |
| Willful false statements made on this form are punishable by fine and/or imprisonment. U.S. Code, Title 18, Section 1001. | | | |
| Certification | | | |
| I certify that the statements in this application are true, complete and correct to the best of my knowledge and belief, and are made in good faith. | | | |
| 7. Name of Applicant (Must correspond with Item 1.) STATE OF CALIFORNIA | | 8. Title of Applicant (if any) | |
| 9. Signature | | 10. Designate Appropriate Classification <input type="checkbox"/> Individual Applicant <input type="checkbox"/> Member of Partnership <input type="checkbox"/> Authorized Representative of Corporation <input type="checkbox"/> Officer who is also a Member of the Application Association <input type="checkbox"/> Official of Government Entity | |
| | | 11. Date | |

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

EXPERIMENTAL

EXPERIMENTAL (RESEARCH) RADIO STATION CONSTRUCTION PERMIT

K E 2 X N C (new)

(Nature of service)

AND

(Call sign)

EXPERIMENTAL XR TM

LICENSE

9235-ER-PL-83...

(Class of station)

(File number)

NAME STATE OF CALIFORNIA

Kennedy Meadows (Tuolumne) California - Lat. 38 14 36 N; Long. 119 45 30 W.
(Location of station)

(Location of authorized remote control point)

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communication.

| Frequency | Emission Designator | Authorized Power (Watts) | Special Provisions |
|--------------|---------------------|--------------------------|--------------------|
| 401.7895 MHz | 1.5F9Y | 100 (ERP) | |

POINT OF COMMUNICATION: GOES Satellite

Frequency Tolerance: \pm 0.002%

Operation: In accordance with Sec. 5.202(d) of the Commission's Rules.

Special Condition:

- (1) Operations are subject to coordination and scheduling with Mr. Douglas MacCallum, National Earth Satellite Service, U.S. Department of Commerce, Chief, Data Collection and Direct Broadcast Branch (S/OP31), Washington, D.C. 20233, Telephone (301) 763-8325.

The above frequencies are assigned on a temporary basis only and are subject to change at any time without hearing.

This authorization is granted subject to the condition that no harmful interference is caused to any other station or service and may be cancelled at any time without hearing if, in the judgment of the Commission, such action should be necessary.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained, so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such service as will serve public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

This authorization effective December 16, 1983 and will expire 3:00 A.M. EST January 1, 1985
12-16-83

FEDERAL COMMUNICATIONS COMMISSION



(a) Proposed location of transmitter and transmitting antenna (Check only one box)

FIXED CASE MOBILE BASE & MOBILE

(b) If permanently located at a fixed location, give below

| | | |
|-------------|--------------------|---------------------------------|
| State CA | County Tuolumne | City or town Kennedy Meadows |
|-------------|--------------------|---------------------------------|

Number and street (or other indication of location)
Lower Relief #138, 1.6 miles SW of

Geographical coordinates exact to the nearest second

| | |
|-------------------------------|--------------------------------|
| North Latitude 38° 14' 36" | West Longitude 119° 45' 30" |
|-------------------------------|--------------------------------|

(c) If mobile, describe the exact area of operation

Geographical coordinates of the approximate center of proposed area of operation (mobile applications)

| | |
|-------------------------|-------------------------|
| North Latitude ° ' " | West Longitude ° ' " |
|-------------------------|-------------------------|

Place an "X" in the appropriate column

| | YES | NO |
|--|-----|----|
| 7. Is a directional antenna (other than radar) used? If "YES", give the following information: (a) Width of beam in degrees at the half-power point. <u>47°</u> (b) Orientation in horizontal plane <u>200°</u> (c) Orientation in vertical plane <u>45°</u> | X | |
| 8. Is this authorization to be used for fulfilling the requirements of a government contract with an agency of the United States Government? If "Yes", attach FCC Form 440-A, Supplemental Information for Applications in the Experimental Radio Service Involving Government Contract, in triplicate to this application. | | X |
| 9. Is this authorization to be used for the exclusive purpose of developing radio equipment for export to be employed by stations under the jurisdiction of a foreign government? If "Yes", attach as EXHIBIT No. _____, the following information: (a) The contract number and the name of the foreign government concerned. (b) The daily hours of operation and the estimated date of the beginning and end of the specific time period for which the authorization is required. | | X |
| 10. Is this authorization to be used for providing communications essential to a research project. (The radio communication is not the objective of the research project). If "Yes", attach as EXHIBIT No. _____, a narrative statement providing the following information: (a) A description of the nature of the research project being conducted. (b) A showing that the communications facilities requested are necessary for the research project involved. (c) A showing that existing communications facilities are inadequate. | | X |
| 11. If all the answers to Items 8, 9, and 10 are "No", attach as EXHIBIT NO. _____, a narrative statement describing in detail the following: (a) The complete program of research and experimentation proposed including description of equipment and theory of operation. (b) The specific objectives sought to be accomplished. (c) How the program of experimentation has a reasonable promise of contribution to the development, extension, expansion, or utilization of the radio art, or is along lines not already investigated. Satellite data collection used for fire weather forecasting and water run-off prediction | | |
| 12. (a) Give an estimate of the length of time that will be required to complete the program of experimentation proposed in this application <u>Life of GOES DCS Program</u> (b) If less than 2 years, give the length of time in months that the authorization requested in this application will be required. | | |

13. List below transmitting equipment
 MANUFACTURER

or installed (if experimental, so state):
 TYPE

NO. OF UNITS

Hamdar

560A

1

14. State provisions that will be made for measurement and periodic checking of the station's technical characteristics (power, frequency, bandwidths) to insure compliance with terms of license.

Automatic monitoring by central receiving facilities in Sacramento, CA.

Place an "X" in the appropriate column

YES NO

15. Will the antenna extend more than 6 meters above the ground, or if mounted on an existing building will it extend more than 6 meters above the building, or will the proposed antenna be mounted on an existing structure other than a building?

X

If "Yes", give the following (See Instruction 9):

(a) Overall height above ground to tip of antenna is _____ meters.

(b) Elevation of ground at antenna site above mean sea level is _____ meters.

(c) Distance to nearest aircraft landing area is _____ kilometers.

(d) List any natural formations or existing man-made structures (hills, trees, water tanks, towers, etc.) which, in the opinion of the applicant, would tend to shield the antenna from aircraft and thereby minimize the aeronautical hazard of the antenna.

(e) Submit as EXHIBIT No. _____, a vertical profile sketch of total structure (including supporting building, if any, giving heights in meters above ground for all significant features. Clearly indicate existing portion, noting particulars of aviation obstruction lighting already available.

16. Does this application propose a developmental program of experimentation which requires the submission of a petition? (See Instructions 10 and 11)

X

If "Yes", attach the petition as EXHIBIT No. _____.

17. Applicant is (check only one box)

Individual

Association

Partnership

Corporation

Other (describe below)

GOVERNMENTAL ENTITY

18. Is applicant a foreign government or a representative of a foreign government?

X

19. Has applicant or any party to this application had any FCC station license or permit revoked or had any application for permit, license or renewal denied by this Commission?

X

If "Yes", attach as EXHIBIT No. _____, a statement giving call sign of license or permit revoked and relate circumstances.

Place "X" in the appropriate column.

20. Will applicant be owner and operator of station?

| | |
|-----|----|
| YES | NO |
| X | |

If "No", explain applicant's relation to station.

21. Will applicant have absolute control of station, both as to physical operation and service conducted?

| | |
|-----|----|
| YES | NO |
| X | |

If "No", explain circumstances and give name of person who will have control of station.

22. Will the transmitter be operated with licensed operator on duty at a remote control point?

| | |
|-----|----|
| YES | NO |
| | X |

If "Yes", the following information must be provided. (If there is to be a licensed operator on duty at the transmitter, data required by this item may be omitted.)

(a) Location of remote control point. (If more than one remote control point is involved, attach as EXHIBIT No. _____, a statement giving location of each remote control point, plan of operation, etc.)

| | |
|--------------|--------------|
| State | County |
| City or Town | Street & No. |

(b) By what means will the transmitter be rendered inaccessible?

By being kept in a locked enclosure.

(c) Can transmitter be placed in an inoperative condition from the remote control point?

| | |
|-----|----|
| YES | NO |
| | X |

(d) Describe below the equipment to be used to enable the operator at the control point to determine when there is a deviation from the terms of the station license or when operation is not in accordance with the Commission's Rules governing the class of station involved.

Automatic performance monitoring by central receiving facility in Sacramento, CA.

23. Give name, title, and telephone number (include area code) of person who can best handle inquiries pertaining to this application.

Jerry Kiliany, Telecommunications Engineer
(916) 445-2034

24. List below all exhibits in numerical sequence and the item number of form requiring the exhibit identified.

EXHIBITS AND ITEM NO. OF FORM

| Exhibit Number | Item No. of Form | Exhibit Number | Item No. of Form | Exhibit Number | Item No. of Form |
|----------------|------------------|----------------|------------------|----------------|------------------|
| | | | | | |
| | | | | | |
| | | | | | |

CERTIFICATION

ATTENTION: Read this certification carefully before signing this application.

THE APPLICANT CERTIFIES THAT:

- (a) Copies of the FCC Rules Parts 2 and 5 are on hand; and
- (b) Adequate financial appropriations have been made to carry on the program of experimentation which will be conducted by qualified personnel; and
- (c) All operations will be on an experimental basis in accordance with Part 5 and other applicable rules, and will be conducted in such a manner and at such a time as to preclude harmful interference to any authorized station; and
- (d) Grant of the authorization requested herein will not be construed as a finding on the part of the Commission
 - (1) that the frequencies and other technical parameters specified in the authorization are the best suited for the proposed program of experimentation, and
 - (2) that the applicant will be authorized to operate on any basis other than experimental, and
 - (3) that the Commission is obligated by the results of the experimental program to make provision in its rules including its table of frequency allocations for applicant's type of operation on a regularly licensed basis.

APPLICANT CERTIFIES FURTHER THAT:

- (e) All the statements in the application and attached exhibits are true, complete and correct to the best of the applicant's knowledge; and
- (f) The applicant is willing to finance and conduct the experimental program with full knowledge and understanding of the above limitations; and
- (g) The applicant waives any claim to the use of any particular frequency or of the ether as against the regulatory power of the USA.

Signed and dated this 1st day of September, 1983.

Name of Applicant STATE OF CALIFORNIA
(correspond with name given on page 1)

By Phyllis Day
(print)

Phyllis Day
(signature)

Title FCC Coordinator

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT. U. S. CODE, TITLE 18, SECTION 1001.

Check Appropriate Classification

- Individual Applicant
- Member of Applicant Partnership
- Officer of Applicant Corporation or Association
- Authorized Employee

NOTIFICATION TO INDIVIDUALS UNDER PRIVACY ACT OF 1974

Information requested through this form are authorized by the Communications Act of 1934, as amended, and specifically by Section 303 therein. The information will be used by Federal Communications Commission staff to determine eligibility for issuing authorizations in the use of the frequency spectrum and to effect the provisions of regulatory responsibilities rendered the Commission by the Act. Information requested by this form will be available to the public unless otherwise requested pursuant to Section 0.459 of FCC Rules and Regulations.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552(a)(3).

RADIO LICENSE APPLICATION

COM-225A (REV. 3/80)

SITE NAME: LOWER RELIEF TX TYPE: WANDAR 524A

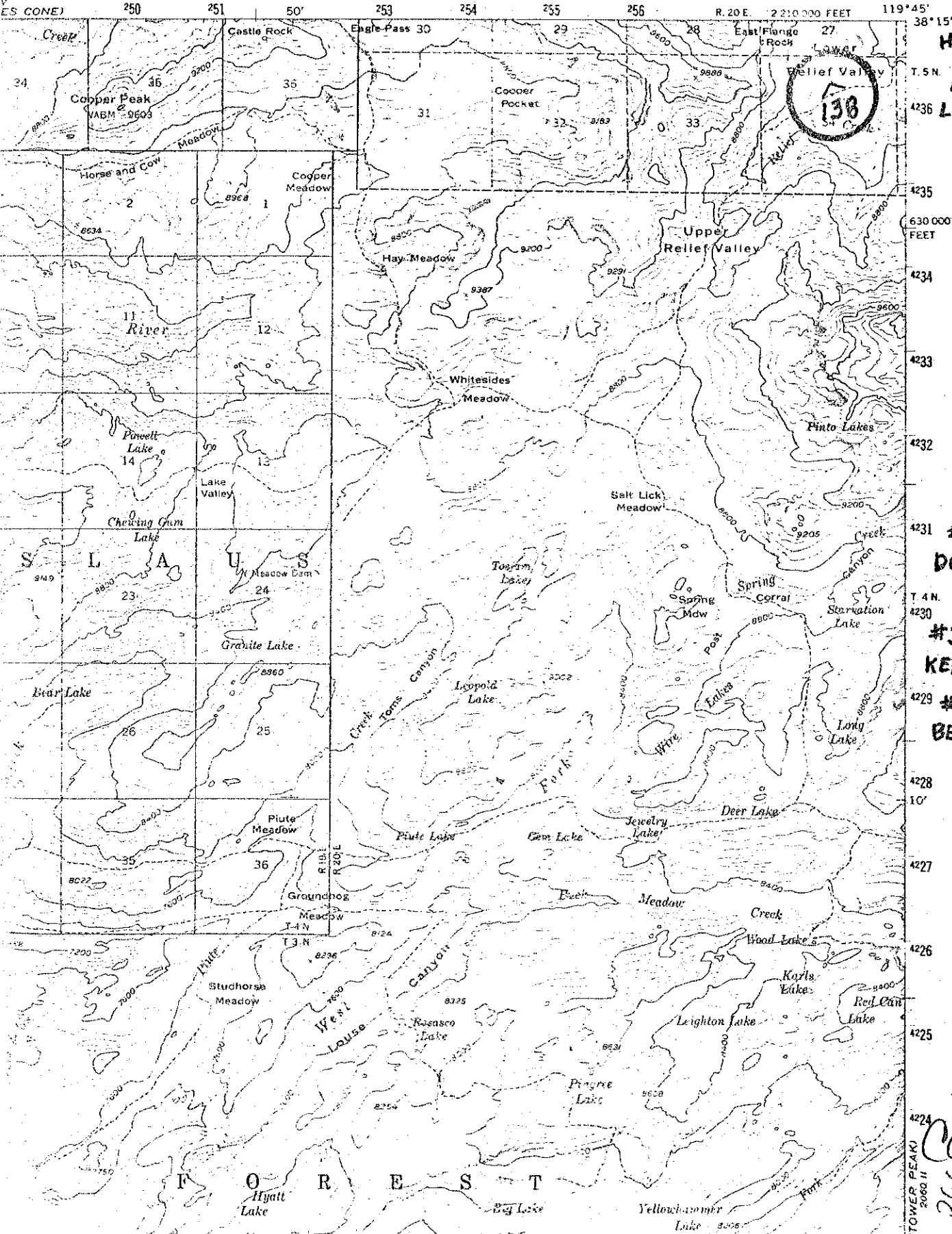
MAP 299

| | | |
|---|--|---------------------------------|
| AGENCY Water Resources | AGENCY REP. (TYPED NAME) A. Noriega | TELEPHONE 322-4057 |
| (CALL SIGN) | | |
| <input checked="" type="checkbox"/> NEW LICENSE | <input type="checkbox"/> MODIFY | <input type="checkbox"/> CANCEL |
| DESCRIBE CHANGE REQUESTED | | |

| CLASS OF STATION | ANTENNA INFORMATION | |
|--|--|---------|
| <input type="checkbox"/> BASE | LATITUDE 38 ° 14 ' 36 " | |
| <input type="checkbox"/> MOBILE RELAY | LONGITUDE 119 ° 45 ' 30 " | |
| <input type="checkbox"/> CONTROL | GROUND ELEVATION | |
| <input type="checkbox"/> FIXED RELAY | <input type="checkbox"/> OMNIDIRECTIONAL GAIN 8150 | |
| <input type="checkbox"/> MOBILE | <input checked="" type="checkbox"/> DIRECTIONAL, AZIMUTH 180 MN GAIN 11 DBI | |
| LAND VEHICLES | SUPPORTING STRUCTURE | |
| AIRCRAFT | LIST EACH COMPONENT SUCH AS BUILDING, WOOD POLE, STEEL TOWER, ETC., AND ITS HEIGHT | |
| HAND CARRIED | COMPONENT | FEET |
| MARINE | METAL POLE | 18 |
| PAGING RECEIVERS | COMPONENT | FEET |
| | ANTENNA STRUCTURE TOTAL HEIGHT | FEET 2 |
| <input type="checkbox"/> OTHER Fixed Station-Satellite Telemetry | HEIGHT TO TIP ON ANTENNA | FEET 20 |

| TRANSMITTER INFORMATION | | IF ANTENNA IS TO BE MOUNTED ON AN EXISTING STRUCTURE, THE FOLLOWING INFORMATION MUST BE SUBMITTED: |
|---------------------------------|--|--|
| NO. OF TRANSMITTERS 1 | POWER OUTPUT 10 W | |
| TRANSMIT FREQUENCIES | | RADIO SERVICE |
| 1. 401.7895 | | CALL SIGN |
| 2. | | PAINING AND LIGHTING REQUIRED |
| 3. | | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. | | <input type="checkbox"/> HEIGHT TO TIP OF STRUCTURE WILL BE INCREASED TO: |
| ADDRESS Lower Relief No. 138 | 1.6 MI S.W. OF KENNEDY MEADOWS, CA (HIGHWAY 108) | <input type="checkbox"/> HEIGHT WILL NOT BE INCREASED |
| CITY | COUNTY TUOLUMNE | |

| | |
|---------------------------------------|--|
| CONTROL POINTS | IF THE ANTENNA EXTENDS MORE THAN 20 FT. ABOVE THE GROUND, OR MORE THAN 20 FT. ABOVE THE BUILDING (IF SO MOUNTED), THE FOLLOWING MUST BE SUBMITTED: |
| 1. Self Reporting - Data Receiver | DISTANCE AND DIRECTION TO THE NEAREST AIRCRAFT LANDING AREA |
| 2. at 1416 9th Street Flood Control | NAME OF NEAREST AIRCRAFT LANDING AREA |
| 3. Center, Sacramento | SIGNATURE A. Noriega JBS |
| 4. | DATE 8/1/83 |
| TONES-CODED SQUELCH | |
| <input type="checkbox"/> NO | |
| <input type="checkbox"/> YES _____ Hz | |



#142
HERRING CRK
#138
**LOWER RELIEF
VALLEY**
wilderness
SENSOR

#379
DODGE RIDGE
#348
KERRICK CORRAL
#172
BELL MDW
Private land

Pinecrest,
California
266

TOWER PEAK
2060 FT