

1. Applicant's Name and Post Office address (Street address, city, state, and ZIP Code. See instruction No. 4) State of California DGS, Telecommunications Division 601 Sequoia Pacific Blvd. Sacramento, CA 95814-0282	DO NOT WRITE IN THIS BLOCK File No. 4175-EX-9494 -
---	--

2(b). For Modification indicate below:

File No: 3332-EX-MR-92 **Call Sign:** KE2XIH

☒ FREQUENCY ☐ EMISSION ☐ POWER ☐ LOCATION

☐ OTHER PARTICULARS (describe below or in attached EXHIBIT No. _____)

[illegible]

- FCC Form 442 - Page 2
March 1993

5(a). Proposed location of transmitter and transmitting antenna (check only one box)

☒ FIXED/BASE

☐ MOBILE

☐ BASE AND MOBILE

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

State CA County Trinity City or Town Lewiston

Number and street (or other indication of location)

Fawn Lodge Telemetry Station, two (2) miles south-west

5(d). If mobile, describe the exact area of operation

5(c). Enter geographical coordinates exact to the nearest second

North Latitude

40 ° 40 ' 44 "

West Longitude

122 ° 49 ' 59 "

5(e). Enter geographical coordinates of the approximate center of proposed area of operation (mobile applications)

North Latitude

0 ' 0 "

West Longitude

0 ' 0 "

6. Is a directional antenna (other than radar) used?

If "YES", give the following information:

☒ YES

☐ NO

(a) Width of beam in degrees at the half-power point 45°

(b) Orientation in horizontal plane 170° (c) Orientation in vertical plane 45°

7. Is this authorization to be used for fulfilling the requirement of a government contract with an agency of the United States Government?

☐ YES

☒ NO

If "YES", attach as EXHIBIT No. _____ a narrative statement describing the government project, agency and contact number.

8. 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?

☐ YES

☒ NO

If "YES", attach as EXHIBIT No. _____ the following information: Provide the contract number and the name of the foreign government concerned.

9. 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).

☐ YES

☒ NO

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.

10. If all the answers to Items 7, 8, and 9, are "NO", attach as EXHIBIT No. 1 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 line not already investigated.

11(a). Give an estimate of the length of time that will be required to complete the program of experimentation proposed in this application.

(b) If less than 2 years, give the length of time in months that the authorization requested in this application will be required. LIFE OF GOES/DCS PROGRAM.

12. Would a Commission grant of this application come within Section 11907 of the FCC Rules, such that it may have a significant environmental impact?

☐ YES

☒ NO

If you answer "YES", submit an Environmental Assessment required by Section 11811.

13. List below transmitting equipment to be installed (if experimental, so state):

MANUFACTURER

TYPE

NO. OF UNITS

HANDAR

540A

1

23. CERTIFICATION:

Attention: Read this certification carefully before signing this application.

THE APPLICANT CERTIFIES THAT:

- (a) Copies of FCC Rule 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:

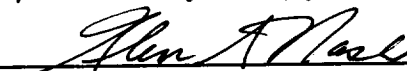
- (e) All the statements in the application and attached exhibits are true, complete and correct to the best of the applicant's knowledge; and
- (f) The applicant is willing to finance and conduct the experimental program with full knowledge and understanding of the above limitations; and
- (g) The applicant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

Signed and dated this 18th day of MARCH, 19 94

Name of Applicant STATE OF CALIFORNIA

(must correspond with name given on page 1)

By GLEN S. NASH
(print)


(signature)

Title Senior Telecommunications Engineer

Check appropriate classification:

- ☐ Individual applicant ☐ Member of applicant partnership
- ☒ Authorized employee ☐ Office of applicant corporation or association

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18 Section 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

**NOTIFICATION TO INDIVIDUALS UNDER PRIVACY ACT OF 1974
AND THE PAPERWORK REDUCTION ACT OF 1980**

Information requested through this form is authorized by the Communications Act of 1934, as amended, and specifically by Section 308 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 47 CFR 0.459 of the FCC Rules and Regulations. Your response is required to obtain this authorization.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3607.