

290 W. Mount Pleasant Ave., 2C222, Livingston, NJ 07039

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

EXPERIMENTAL
(Nature of Service)

K O 2 X A D
(Call Sign)

XD MO
(Class of station)

9319-EX-R-91
(File number)

NAME BELL COMMUNICATIONS RESEARCH, INC.

Mobile: Within Continental United States
(Location of station)

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	Authorized Power (watts)	Emission Designator
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See attached

Frequency Tolerance: 0.002% for 35.16-43.66 MHz; 0.0005% for 152.51-459.975; 825-845, 870-890 MHz; 0.001% for 2110-2180 MHz; 0.03% for 3700-6575 MHz; 0.05% for 10700-11700 MHz.

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

Special Conditions:

- (1) The station identification requirements of Section 5.152 of the Commission's rules are waived.
- (2) Transmissions in the 3700-4200, 5925-6425 MHz bands shall be based on prior coordination with existing earth station licensees located within the coordination distance contours.
- (3) All operation on Common Carrier frequencies is subject to prior coordination with authorized independent or MCC users in operational area.

This authorization effective December 1, 1991 and
will expire 3:00 A.M. EST December 1, 1993

**FEDERAL
COMMUNICATIONS
COMMISSION**

Frequency (MHz)	Emission Designator	Authorized Power (watts input)
35.16, 43.16	NON/15K0F2B/16K0F3E	100
35.22-35.66, 43.22-43.66	NON/6K00A2B/A3E/15K0F2B/16K0F3E	500
152.51-152.81, 157.77-158.07	NON/6K00A2B/A3E/15K0F2B/16K0F3E	600
152.486, 152.834, 152.84	10K2F2B/15K0F2B/16K0F3E	20
157.746, 158.094, 158.10	10K2F2B/15K0F2B/16K0F3E	20
454.375-454.45, 454.45-454.975	NON/6K0A2B/A3E/80K0F2B/F3E	600
459.375-459.45, 459.45-459.975	NON/6K0A2B/A3E/80K0F2B/F3E	600
825-845, 870-890	NON/30K0F2B/F3E	12
825-845, 870-890	NON/30K0F2B/F3E/F7W	300
2110-2130, 2160-2180	NON/10Mf1B/F2B/F3E/F7B	4000
3700-4200	NON/20MF2B/F3E/F8W/F7B	20
5.925-6.575 GHz	NON/30MF2B/F3E/F3F/F8W/F7W	20
10.55-10,680 GHz	NON/5MF8W/F7W	20
10.7-11.7 GHz	NON/40MF2B/F3E/F3F/F8W/F7W	50
17.7-19.4 GHz	NON/220MF1B/F2B/F3E/F7B/F8W	20
19.4-19.7 GHz	NON/220MF1B/F2B/F3E/F7B/F8W	20
21.8-23.2 GHz	NON/16MOA8W	10

Est. Avg. Burden Hours Per Response: 2.25 Hrs.

11-20-91 8320471 005

APPLICATION FOR RENEWAL OF RADIO STATION LICENSE
IN SPECIFIED SERVICES

(Specified Services - FCC Rules Parts 5, 21, 22, 23 and 25)
Read Instructions and Notice on Back Before Completing

File Number 939-EX-R-91 Call Sign
Service Class of Station

1. Name of Applicant (must be identical with that shown on current authorization) Bell Communications Research, Inc.		Call Sign or Other FCC Identifier (if applicable)	
2. Mailing Street Address or P.O. Box, City, State and ZIP Code of Applicant 290 W. Mt. Pleasant Avenue, Rm 2C222, Livingston, NJ 07039		3. Identify Rulepart under which this filing is made Part 5	
4. Fee Data. Refer to 47 CFR Section 1.1105 or to appropriate Fee Filing Guide for information.		FCC Use Only	
(a) Fee Type Code EAE	(b) Fee Multiple, if required	(c) Fee Due for Fee Type Code in 4(a) \$ 35.00	
5. Application is for renewal of license in exact conformity with the existing license as specified below:			
(a) File Number 9319-EX-R-89	(b) Date Issued 12/1/89	(c) Call Sign KO2XAD	(d) Location Mobile: Within Continental United States
(e) Nature of Service Experimental	(f) Class of Station XD MO	(g) Expiration Date December 1, 1991	
6. Note any changes such as discontinuance of use of a frequency, or of a type of emission or of a transmitter which have been made since the last application covering this station was filed: NONE			

Items 7(a) and (b) apply to Part 21 licensees only.

7(a) Has there been removal of equipment or alteration of facilities so as to render the station not operational?
If "YES," when: ☐ YES ☐ NO

If this is a Multipoint Distribution Service (MDS) station, is there an ownership interest in, control by, affiliation with, or leasing arrangement with a cable television company? ☐ YES ☐ NO

8. 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, or financial responsibility; that applicant's most recent application or report embodying this information, as identified below, 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 6 or 7.

File No. 9270-ED-PL-83 Date 3/12/84

9. Would a Commission grant of this application come within 47 CFR 1.1307, such that it may have a significant environmental impact? ☐ YES ☒ NO

If "YES," attach as Exhibit No. _____ an Environmental Assessment required by 47 CFR 1.1311.

If "NO," explain briefly why not. Proposed facilities will be temporary in nature and will not have

10. Certification a significant environmental impact.

a. Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum 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.
b. The undersigned, individually and for the applicant, hereby certifies that the statements made in this application are true, complete and correct to the best of the signer's knowledge and belief, and are made in good faith.

Date 11/15/91	Name of Applicant (must correspond with Item 1) Bell Communications Research, Inc.	Title of Applicant (if any) VP - Human Resources & External Affairs
Signature <u>J. A. Morgan</u>	Designate Appropriate Classification ☐ INDIV. ☐ MEM. OF ☐ OFFICER & MEM. OF THE ☒ AUTH. REPR. ☐ OFFICIAL OF APPL. PART. APPLICANT'S ASSOC. OF CORP. GOVT. ENTITY	

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).