

Exhibit #1

NYNEX Science and Technology, Inc. is requesting the renewal and revision of Experimental Licenses it has held since 1990, per 47 CFR Part 5. During this period, NYNEX Science and Technology, Inc. has held Experimental Licenses for various subparts of Part 5 and a broad range of frequencies. As part of this renewal process, NYNEX wishes to consolidate three of these licenses, KF2XBX, KF2XBW, KF2XEG into two, covering Parts 5.202 [a, c] and 5.202 [d, f, i, j], respectively. Call Sign KF2XBX, as covered in this application, will be for Parts 5.202 [a, c]. Call Sign KF2XBW will be for Parts 5.202 [d, f, i, j]. The Part 5.202 [i] request is a revised addition to the previous license. Upon grant of KF2XBX and KF2XBW, KF2XEG can be cancelled. ✓
(2.6.42 per)

In addition, NYNEX Science and Technology, Inc. wants to consolidate the licenses in order that each frequency band request appear on each license. (also merge pending)

NYNEX Science and Technology, Inc.'s use of Experimental radio licenses continues to be comprehensive. Its programs need permission for radiations as described in Part 5.202. Those uses of Part 5.202 [a, c] will permit continued experimentation in scientific or technical radio research of the HF, VHF, UHF, and microwave bands listed in Exhibit 2. Scientific radio research is used to advance leading edge technology and enrich the body of public knowledge; concurrent with the fundamental studies will be the development of radio techniques to implement the findings of such investigations. Experimental radio programs of NYNEX Science and Technology, Inc. include testing of equipment in connection with type approval, and development of radio techniques and engineering or operational information for existing or new services (Part 5.202 [i]). The experimentation program will also require technical demonstrations of equipment or techniques (Part 5.202 [d]), and demonstration of equipment to prospective purchasers for proposed stations in existing services by persons engaged in the business of selling radio equipment (Part 5.202 [f]). Limited marketing trials may be conducted [Part 5.202 [j]].

NYNEX requests that the license, KF2XBX, be based for the Continental US. NYNEX further wishes to modify the licenses to be more general in the 2500-2655, 2655-2690, 23.0-23.6 and 27.5-29.5, 39.5-40.5, 40.5-42.5 and 59-64 GHz bands. As the Commission is aware, NYNEX is planning to introduce Digital MMDS services in the two 2 GHz bands, and will therefore be conducting tests of various vendor and experimental radio (TV) systems in those bands. Further, the experimentation program will investigate the factors associated with the use of microwave technologies as a transmission medium for Video on Demand (VOD) applications. Some work may involve the use of directional antennas.

NYNEX has been a responsible user of its FCC Experimental licenses. As the Commission is aware, NYNEX conducted several tests in the 1850-1990 MHz band and provided timely, informative FCC Experimental License Reports. Further, we quickly acceded to the FCC's request that further testing in that band cease as PCS licenses were awarded.

The persons responsible for this license were active in those tests and are expert in Part 5 reporting requirements to the FCC and other potential users in the band.

In accordance with the rules adopted in FCC GEN Docket NO. 90-312, NYNEX Science and Technology, Inc. hereby certifies that neither the applicant nor any party to the application is subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988.

Exhibit #2

NYNEX requests the following frequencies be listed in the license. The new band request for this license is shown in **bold**.

Frequency (MHz)	Authorized Power (Watts)	Emission Designator
152.51-152.81	(1)	(1)
152.486		
152.834		
152.84		
157.77-158.07		
157.746		
158.094		
158.1		
454.375-454.975		
459.375-459.975		
825-845		
849-851		
862-866		
864-868		
870-890		
894-896		
901-902		
902-928		
931-932		
940-941		
1850-1990		
2110-2130		
2160-2180		
2400-2483.5		
2500-2655		
2655-2690		
3700-4200		
5725-5850		
5925-6425		
4660-4685		
(GHz)		
10.7-11.7		
13.2-13.25		
17.7-19.4		
19.4-19.7		
21.8-22.21		
22.21-22.5		
22.5-22.55		
22.55-23.0		
23.0-23.6		
27.5-29.5		
39.5-40.5		
40.5-42.5		
59-64		