

W2AEF

COLUMBIA UNIVERSITY
AMATEUR RADIO CLUB

Columbia University in the City of New York | *New York, N. Y. 10027*
c/o 540 SEELEY W. MUDD

SCHOOL OF ENGINEERING & APPLIED SCIENCE
Student Activities Offices

Seeley W. Mudd Building

TO: Mr. Richard Kopacz
Manager
Arden House
Harriman, N.Y. 10926

9/20/82

FROM: Rafael A. Ihly
President
Columbia U. Amateur Radio Club

RE: Placement of radio equipment on the fire tower.

Dear Sir,

As we discussed, I am now requesting that you grant the club permission in writing, at your earliest convenience, to place radio equipment on the fire tower. Please send a response to the above address.

Since I last spoke to you, I have met and discussed my proposal with Dan Hayes at the observatory. We have reached agreement, and are getting along well. He has been of great assistance to me.

The system is now up, and is operational. There is a 24 VAC transformer in place at the observatory, supplying power over two wires on the telephone poles to the transmitters. I have been told that the poles are essentially under university control, since they are on private property. I have received no complaints about the wires, and don't expect to.

The wires are going into an outdoor cabinet bolted to the fire tower. The cabinet contains two transceivers. One will be transmitting and receiving on 145.670 Mhz. The other is operating on 220.670 Mhz (transmit and receive). Two coaxial cables

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are on the fire tower. One feeds an omnidirectional antenna, and the other feeds a small beam antenna.

The system is functioning well, and will be of great service to both the club and the Amateur Radio community. In the event that we cause interference to either the observatory or the people in the NY Tel. building, I agree to immediately cease operations until a cure for the problem can be found. If we cannot remedy the situation, we will remove the system.

Also of concern is the security of our equipment. Everything is securely locked and bolted, but I feel that it would be helpful if we could place a lock on the door to the fire tower. Presumably the key would be left at the desk, so that certified people could gain access. Please let me know what you think about this idea.

If anything is damaged or stolen from the hill, I understand that both you and Dan Hayes will not be responsible. I think that this is only fair, and hope that nothing will ever be stolen. If there are any problems, or you just need to get in touch with me, I may be reached at 914-783-9485 in Monroe, N.Y. or at 212-280-1053 in N.Y.C.

Gratefully yours,

Rafael A. Shly
President