STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

10 Franklin Square
New Britain, Connecticut 06051
Phone: (860) 827-2935
Fax: (860) 827-2950

October 14, 1997

Gary Hartman
System Manager
Pagenet
555 Taxter Road, Suite 1001
Elmsford, NY 10523

RE: Pagenet Paging Network of New York, Inc. notice of intent to modify an existing telecommunications facility located off Guinea Road in Monroe, Connecticut.

Dear Mr. Hartman:

At a public meeting held on October 8, 1997, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility in Monroe, Connecticut, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated September 23, 1997. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequency electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequency now used on this tower. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

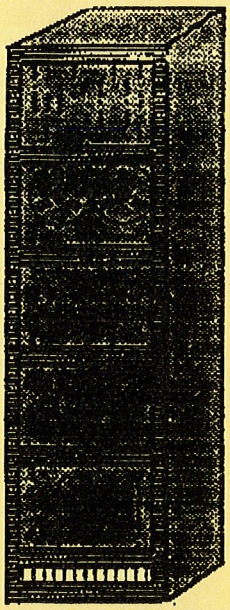
Thank you for your attention and cooperation.

Very truly yours,

Mortimer A. Gelston
Chairman

MAG/RKE/mmb

c: Honorable Karen L. Burnaska, First Selectman, Town of Monroe



SYSTEMS fax COVER SHEET

TOTAL PAGES: 3

DATE: 10/1/97

TO: Bob Farling 860-827-2950

COMPANY: Connecticut Siting Council

DEPT:

FROM: GARY HARTMAN
SYSTEMS MANAGER

REGARDING: Monroe Charter Site

41-20-32, 73-16-38

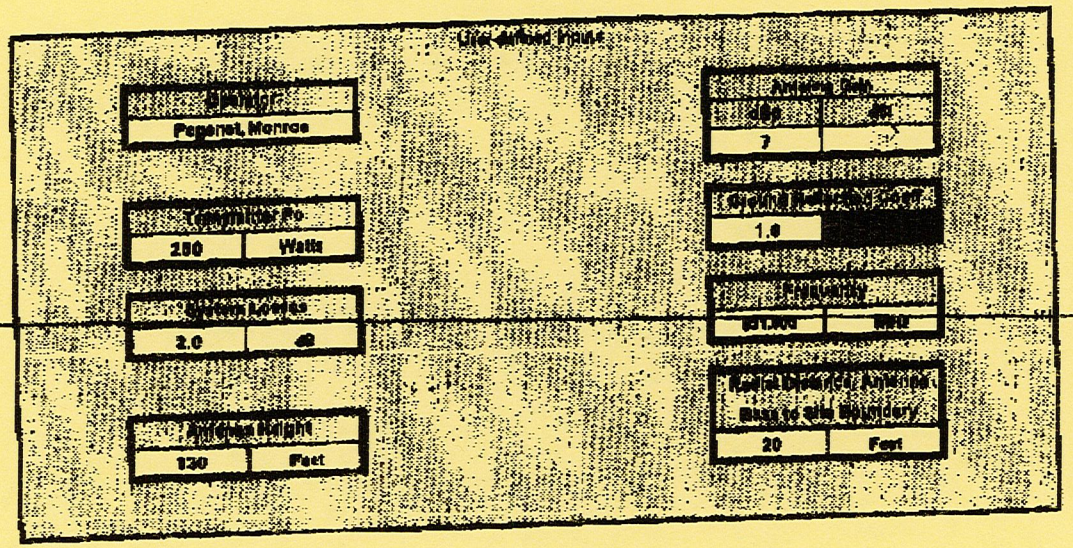
off Guinea Road

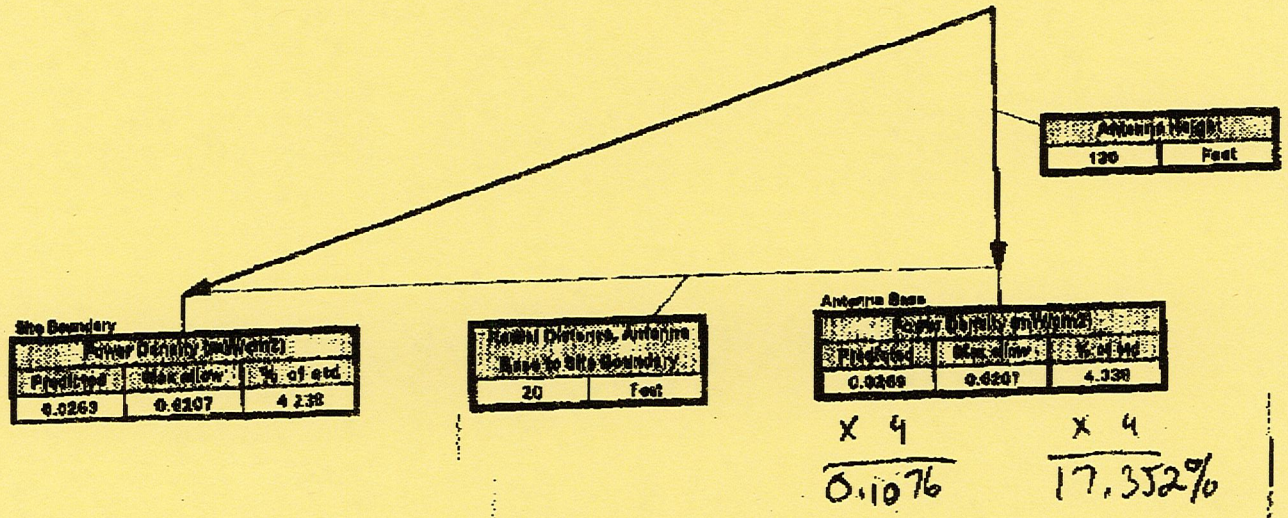
Monroe, CT

PAGENET 555 TAXTER ROAD, ELMSFORD, NY 10523
FAX # (914) 347-4320 VOICE # (914) 592-2277

POWER DENSITY CALCULATION MODEL

LOWER ANTENNAS
4 transmitters
2 dB losses



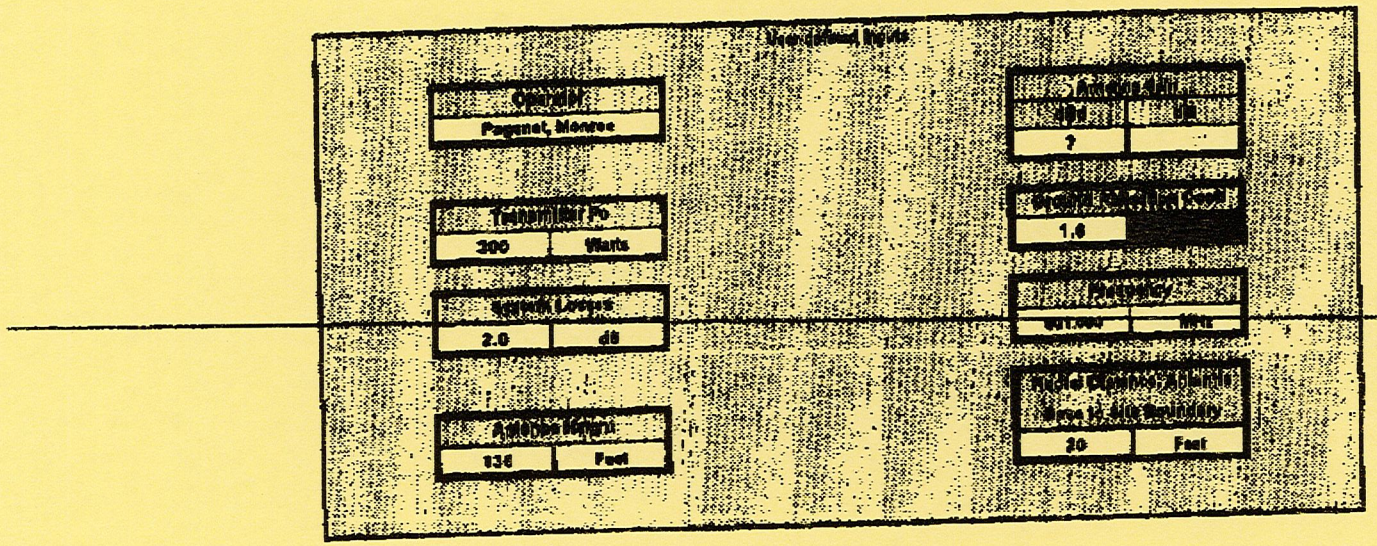


X 4 = 0.1076

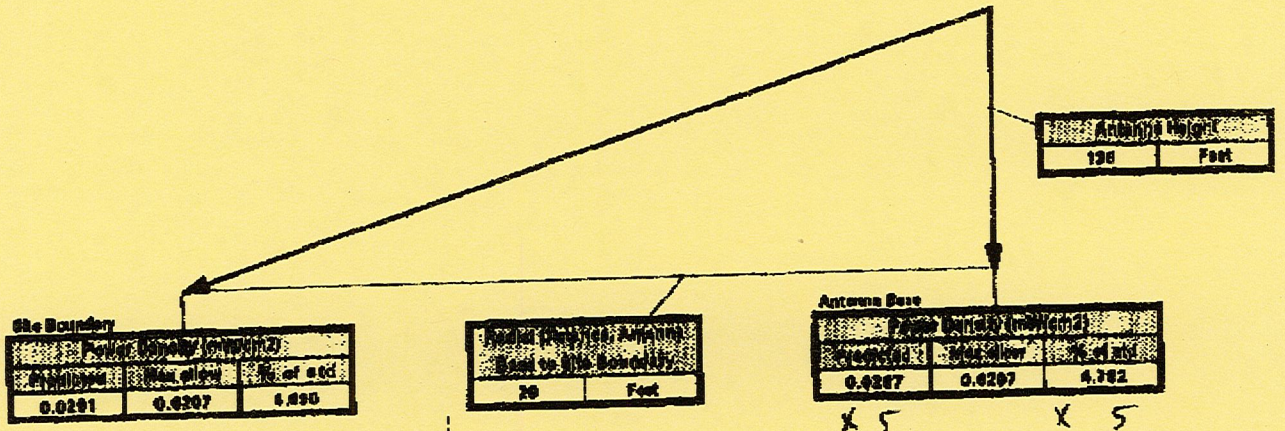
X 4 = 17.352%

OCT-01-1997 11:15 PAGENET 9144374320 P.02

POWER DENSITY CALCULATION MODEL



UPPER ANTENNAS
5 TRANSMITTERS
4 ANTENNAS
2dB system losses
No Combiner losses included.



X 5 = 0.1335

X 5 = 23.96%

PAGENET
PAGING NETWORK OF NEW YORK, INC.

RECEIVED
SEP 25 1997
CONNECTICUT
SITING COUNCIL

Chairman
State of Connecticut
Connecticut Siting Council
10 Franklin Square
Attn: Mr. Mortimer A. Gelston
New Britain, CT 06051

September 23, 1997

Dear Mr. Gelston:

Please accept this letter as notice of intent, pursuant to R.C.S.A. Sec 16-50j-73, to install equipment which constitutes an exempt modification pursuant to Sec 16-50j-72(b) of the Council's Rules of Practice at the existing CATV tower and head-end facility of Charter Communications Entertainment I L.P. ("Charter") located in the Town of Monroe, Connecticut.

Paging Network of New York plans to install additional antennas which will provide better coverage for our paging subscribers in this area of Fairfield County. Enclosed with this letter is a power density engineering study performed by RCC Consultants, Inc. This shows that the predicted power density of the existing and PageNet proposed antennas will be below current Connecticut power density level standards for casual exposure.

Our proposed installation will not increase the existing tower height, will not extend the boundaries of the tower site, and will not increase the noise levels at the tower site boundary by 6 decibels.

Thank you for your consideration.

Respectfully yours,

Gary Hartman
System Manager

555 TAXTER ROAD
SUITE 100 / ELMSFORD, NY 10523
TEL: (914) 592-2277 • (718) 994-0039 • FAX: (914) 592-3187

RCC CONSULTANTS, INC.
100 Woodbridge Center Drive, Suite 201
Woodbridge, NJ 07095-1125

September 22, 1997

Introduction

Pursuant to Section 16-50i (a) (5) of the Connecticut General Statutes and Section 16-50j-72 (b) (2), as amended, of the Regulations of Connecticut State Agencies, Paging Network of New York, Inc. (PageNet) hereby notifies the Connecticut Siting Council that it intends to modify an existing communications facility by adding one VSAT receive only dish operating 11.2GHz, a 72MHz yagi style receive antenna, and four (4) transmitting antenna units with associated equipment to be operated in the Radio Common Carrier and Private Carrier Paging service as specified below, to an existing communications tower. These antennas and equipment will be owned, operated and maintained by Paging Network of New York, Inc. (PageNet). The communications equipment will be located in the Charter Communications equipment shelter located at the base of the tower. The site is located at the Charter Communications Monroe, Connecticut antenna site (Latitude 41-20-32, Longitude 73-16-38)

Background

The proposed modifications are at the site of a guyed 140 foot lattice communications tower. Both the shelter and the tower are owned and operated by Charter Communications. The tower is currently used by BAM to provide Cellular Telephone Service, and by a private radio base station.

Discussion

PageNet proposes to install up to nine (9) paging transmitters feeding eight (8) electrical antennas enclosed in four (4) whip style radomes, a receive only yagi in the 72 MHz range to be mounted at 75 feet above ground, and one 1.2 meter (receive only) dish antenna to be mounted at 25 feet above ground. Each of the four whip style radomes contain two antennas of which the highest point at the tip of the antenna will be 141 feet above ground level. The power density these antennas contribute at this site is tabulated below. The purpose of these antennas are to serve the paging requirements of the Monroe, CT area. The make and model number of the 900 MHz dual antennas are Antel BCD-87077D, The yagi is a Decibel Products DB-225, and the dish antenna is a Channel Master receive only 1.2 meter dish. Transmit frequencies of operation will be in the 929-941 MHz paging band.

Below is a chart which represents the existing and proposed contributors to the power density from this site. The MPE values differ from the previously filed application due to the change of standards since the time the previous application was filed. The levels shown indicate the total power density in milliwatts per square centimeter at the tower base.

Operator	Power Density at Support Structure Base mW/cm^2	Antenna tip Height, ft	Maximum Permissible Exposure, CT/IEEE Standard (mW/cm^2)	% of Standard
BAMS	0.1071	115	0.5667	18.9
Conventional Land Mobile Radio (464.625MHz)	0.0008	153	0.3093	0.26
PageNet 900 MHz upper antennas (proposed)	0.1335	141	0.621	21.5
PageNet 900 MHz lower antennas (proposed)	0.1076	135.5	0.621	17.3
TOTALS, ALL USERS	**0.3490**	**N/A**	**N/A**	**57.96%**

The current Connecticut (and IEEE/ANSI) power density level standards for non-ionizing radiation are shown above. The levels identified in this case are below the maximum permissible casual exposure standard, and have been calculated at the tower base, and this represents the maximum exposure for the operation of these facilities at the closest (or any) publicly accessible point. At this site, the tower base and the fence are close enough to consider the exposure the same at the property boundary and the tower base. A ground reflection coefficient of 1.6 was used for the proposed power density calculation.

The installation of these six antenna units on this structure does not present any structural issues.

Conclusion

The proposed additions do not constitute a "modification" of an existing facility as defined in the Connecticut General Statutes Section 16-50i(d). There will be no change to the tower height or extension of the boundaries of the site. There will be no increase in noise levels at the site's boundary by six (6) decibels or more and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This addition will not have a substantially adverse environment effect.

For these reasons, Pagenet requests that the Council acknowledge that this Notice of Modification meets the Council's exemption criteria.

EXHIBIT A

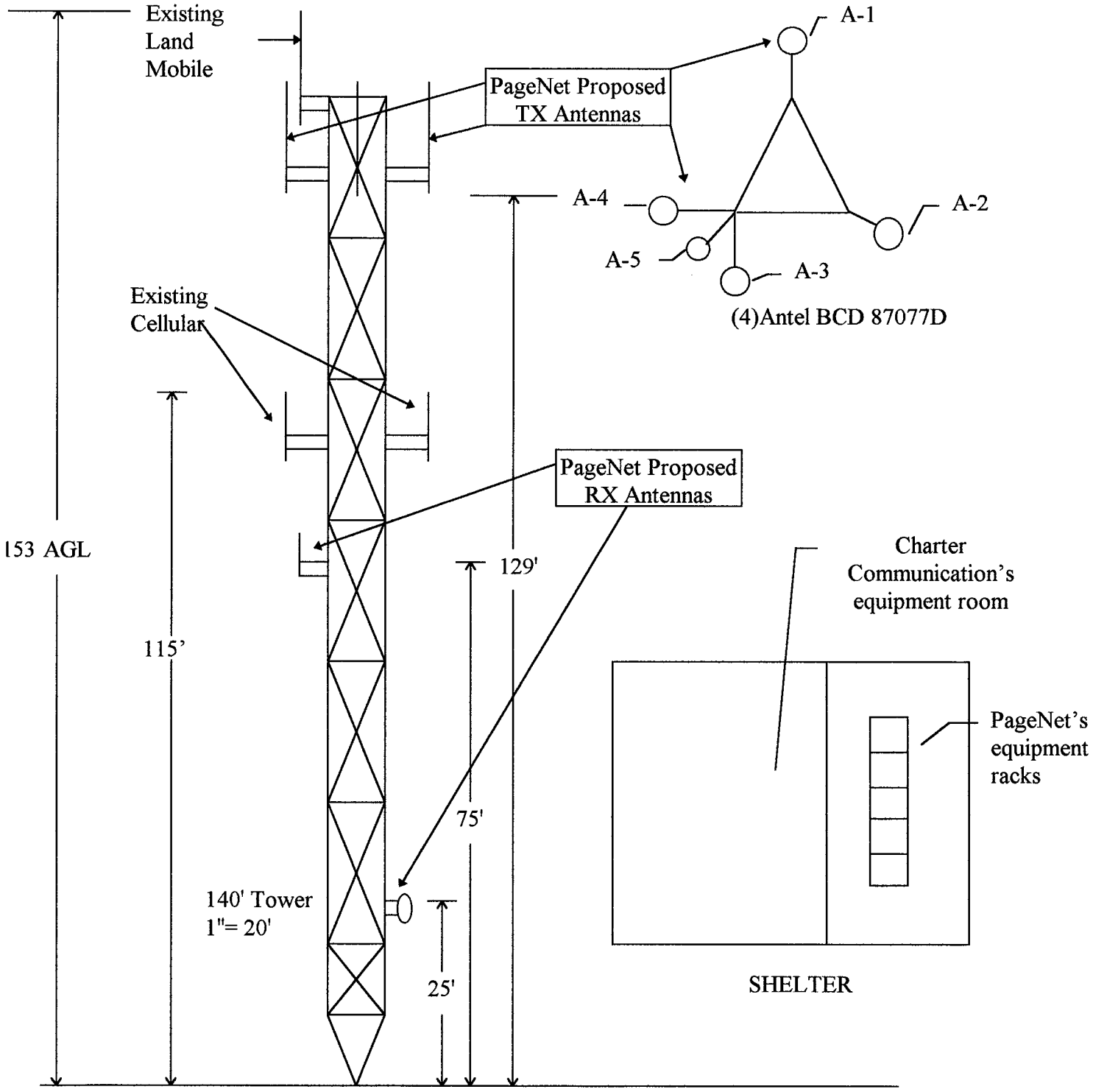

Existing
Land
Mobile
PageNet Proposed
TX Antennas
A-1
A-4
A-2
A-5
A-3
(4)Antel BCD 87077D
Existing
Cellular
PageNet Proposed
RX Antennas
153 AGL
129'
115'
Charter
Communication's
equipment room
PageNet's
equipment
racks
75'
140' Tower
1"= 20'
25'
SHELTER

EXHIBIT B

TOWER CONFIGURATION

Ant.	Antenna Make	Antenna Type	Antenna Mounting Height	Ori. Deg.TN	TX/RX	Cable Size	Antenna Tip on Tower
A1	Antel	BCD87077D	129'	0°	TX	7/8"	141'
A2	Antel	BCD87077D	129'	120°	TX	7/8"	141'
A3	Antel	BCD87077D	129'	180°	TX	7/8"	141'
A4	Antel	BCD87077D	129'	270°	TX	7/8"	141'
A5	Decibel	DB225	75'	240°	RX	1/2"	77'
A6	Channel Master	6997	25'	265°	RX	U/6	27'
A7							

BUILDING CONFIGURATION

TX	Transmitter Make	Transmitter Model No.	RF Power Output	AC Power Requireme	Transmit Frequency	Call Sign
T-1	Motorola	AC-B	300 W	1.7 KW	931.2875 Mhz	To Be Filed
T-2	Glenayre	7995	250 W	1.5 KW	931.1875 Mhz	To Be Filed
T-3	Motorola	Nucleus	300 W	1.7 KW	929.6125 Mhz	To Be Filed
T-4	Motorola	Nucleus	300 W	1.7 KW	929.9625 Mhz	To Be Filed
T-5	Motorola	Nucleus	300 W	1.7 KW	929.0125 Mhz	To Be Filed
T-6	Motorola	Nucleus	300 W	1.7 KW	929.5625 Mhz 929.5875.Mhz 929.8625 Mhz	To Be Filed To Be Filed To Be Filed
T-7	Glenayre	8500	250 W	1.5 KW	929.0125 MHz	To Be Filed
T-8	Glenayre	8500	250 W	1.5 KW	929.5875 MHz	To Be Filed
T-9	Glenayre	8500	250 W	1.5 KW	931.6875 MHz	To Be Filed
T-10						

RX	Receiver Make	Receiver Model No.	Receive Frequency	AC Power Requirement	
R-1	Space Com.		11.2 GHz	20.W	
R-2	Motorola		72.84 MHz	20.W	
R-3	Motorola		72.34 MHz	20.W	