

New Providence Amateur Radic Club April, 1975 Club Net 145.8 Mhz HTTY Sun 7 PM Phone Sun 9 PM

"How Transmission Lines and Antennas Work" by Bob Felsenheld

Bob Felsenheld, W2BCC, recently retired Director of Engineering, ITT Space Group, will discuss how to get the most out of your transmission lines and antennas at the April 14th meeting of the New Providence Amateur Radio Club. The talk will cover how these important items can be built and adjusted for maximum effectiveness, and it should be of great interest to recently licensed members as well as old timers.

Bring a friend to this important program at 8 PM, Monday, April 14, at the New Providence Library.

Club Phone Net Goes to FM and Vertical Polarization

After many years of AM operation with horizontal antennas, the club phone net which meets on Sunday at 9 PM on 145.8 Mhz has decided to switch to FM and vertical polarization. This type of operation is in line with the present trend and permits the use of the new narrow-band FM units designed for repeater operation as well as favoring contacts with mobile stations, lessening TVI, etc. However, if you are still on AM with a horizontal antenna, call in and W2SE, Wilbur Fulton, can copy you by just flipping a switch as can many of the other members of the net. The following is a partial list of net members and their transmitting and antenna equipment capabilities on two meter phone from their home stations:

	Modulation			Ant. Polarization	
Station	H M	MA		Vertical	Horizontal
W2SE	X	X		e 0	Ж
KZAGI		X			X
KZSKV	X	X			· X
KZGKV	Χ,	Χ.		X	X
W2GKF	X	X		X	X
WZLTJ	Х	X		X	X
WZYFM	X	X			X
WB2FXE	X			X	

Let the editor know what your two meter capabilities are for listing next month! Let's get those vertical antennas up!

Volunteers to Assist the Cub Scouts

The Watchung Area Council has asked if club members can help with a brief program on Amateur Radio during their Summer Day Camp in Glen Cardner. One instruction period during each of these sessions: Aug. 11-15, Aug. 18-22, and Aug. 25-29. If you are interested, contact Bob Latter for further details.

Voluntary Use of Special Call Signs Permitted During 1976

On March 27th, the FCC authorized the voluntary use of special amateur call signs to commemorate the 200th anniversary of the Nation's independance. The new prefixes permitted are as follows:

Current Prefix	Bicentennial Prefix
WA.	AA
WB	AB
W	AC
X	AD
WN	AK

Club Equipment

The following list of club equipment has been compiled by Jim Sinnott, Property Chairman. Questions should be directed to him.

Antenna, Mosely, TA-33 JR Rotator, Alliance Antenna, 2 Meter Big Wheel Rotator, AR-22 Antenna, 80-40 Meter Dipole Rotator, AR-22 Telescoping Poles Antenna, Quad, Tri-Band Steel Telescoping Tower, four 10-ft sections Transceiver, Swan 350 Transmitter, Heath DX-40 Power Generator, Kokler 2.5 KW Signal Tracer Signal Generator, Hickok Tube Tester, Hickok Super Pro Front End Receiver, Hallicrafters S-40B Mimeograph Duplicator

Books available from the Club Library will be listed in a future issue.

General License Course

Instructors John Sheetz, Bob Ruedisueli, and Dan Hoth, following the arrangements made by Ernie Kolb, are about midway with their ten week general license course which is taught at 2 PM every Saturday at the New Providence Library. It looks like a big success with 6-10 students attending.

Technical Topics Needed!

Suggestions and volunteer speakers for the technical meetings scheduled for the 4th Monday of each month are needed! Contact Bill King.

NY City FCC Has a New Address

The FCC office in New York City has moved to the 3rd floor of 245 W. Houston St., Zip Code 10014. Amateur exams are given on Wednesdays at 9 AM. The telephone number is 212-620-5746.

For Sale

Automatic I.C. Keyer in box with speaker

Linc Werner, WB2EDE 277-2630

FE-14 FET Meter

Bay Rowan, W2GKF 464-5090

MENG PETER WIN , EMAIN JOHN WIN