

The RARa RAG

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Field Day Planning at May 6th Meeting

by A. R. Arel, AKA, W2MPM

Once again that hallowed moment in June is approaching where quiet hills and dales are invaded by thundering herds of Hamdom's most batty breed - the Field Day Operator! If you have every operated Field Day you either love it or hate it, there isn't any in between.

In the Rochester area there is a highly successful FD group that has been in continuous operation for some fifteen years. The Band-Dit-Dahs Group has consistently scored well and in fact did at one time win the event for class and section. Now, after all of these years, the group has agreed to share winning secrets those planning to operate this year.

Two members of the Band-Dat-Dahs, Rich Koehn, WB2SNA, and Ed Holdsworth, WA2EKR, will cover such topics as organization, equipment, scheduling, etc. Then, in a lighter vein, will show movies and slides of a professional(?) FD group in action.

Although we treat Field Day as a real fun time, and it is, we should keep in mind the true purpose of the FD event: to train and prepare ourselves for true emergencies when skills at maintaining effective communications under adverse conditions are needed. Are you prepared?

Meeting place: Monroe County Farm & Home Center, 249 Highland Avenue, Friday, May 6, 8 p.m.

This is the last RaRa program for the 1976/77 season. I hope you have enjoyed the meetings as much as we have in bringing them to you. Don't forget the picnic in June. 73

NOTICE OF ANNUAL MEETING

To the members:

The Annual Meeting of the Membership of Rochester Amateur Radio Association, Inc. will be held at the Monroe County Farm and Home Center, 249 Highland Avenue, Rochester, New York on May 6, 1977 at 8:00 p.m. for the following purposes:

- (1) To elect officers
- (2) To elect a Board of Directors
- (3) To determine the dues for 1977-78.

By Order of the Board of Directors
Alan Komenski, Secretary

Rochester, New York
April 30, 1977

Advance Hamfest Ticket Sales for RaRa Members

At the May meeting your Hamfest Ticket Chairman, Ed Gable, W2MPM, is offering a one time only special Registration Ticket price for RaRa members. The normal price at the gate is \$4.00 per person. Upon showing your Membership card you can purchase a Registration ticket for only \$3.00. Banquet and Indoor or Outdoor Flea Market tickets will also be available but at the regular Advance ticket price. You can also register the XYL for the Ladies Spring Fashion Show at no charge.

TO THE 'FEST

by Dwight Hill, K2KWK

Breathes there a ham with soul so dead,
who never to oneself has said
"to the hamfest - from my bed!"
Arise - Arise in dawn of gray, on this new May
day
to Henrietta - for play.
Yea! for days of play, but not to stay
Nay
for few hams stay in this town of clay.
Have all the fun but beware the trap
of flea market junk from
your last years trunk.
Up - Up and away to the hamfest then,
this dawn patrol begun again.
Open the trunk, display the junque
or trade for new so the xyl insists on next
year too.
Till the fest is done, the last ham has been hung,
now slowly - tiredly
back to the gloom of the operating room.
Armed with new stuff to go splutter and -
blunk,
or even rise to fair Oscar part way to the
moon!
Holynelly - a vow!
to next year - just wait!
But now before sleep
place carefully the gear (lest somebody
hear)
and finally a sigh - "its no use to cry".

Here we are in the month of merry May. It seems so good to get this winter over we're all overcome with poetry. Here's another contribution.

Hooray, Hooray
The First of May!
Outdoor hamming
starts today!

The RARA RAG

Published by

The Rochester Amateur Radio Association
INCORPORATED

Managing Editor . . . Harold Smith, WA2KND
Associate Editor . . . Dwight Hill, K2KWK
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 IBM Computer, 360

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VOL. 29 MAY 1977 NO. 9

OFFICERS:

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Treasurer: Leonard M. Gessin, WA2ZNC

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hr REPORT

Greenville, NH 03048

Rochester VHF Group

by Ed Valmore, K2EVJ

The final VHF Group meeting of the 1976-1977 season will take place Friday, May 13th, at 8 pm. As usual, we will meet at the Farm and Home Center, 249 Highland Avenue.

The principle item of business will be the election of officers for next year. The nominating committee (Bob Nezelek, W2CNS; Chuck Oneske, K2YCO; and Len Gessin, WA2ZNC) will present their proposed slate; other nominations, if any, will then be accepted from the membership prior to the vote.

"THE ULTIMATE DX - CYGNUS A AND BEYOND"

Following the election, we will have a very interesting program on the subject of radio astronomy, a scientific discipline in which distances are measured in light-years. Our speaker will be Dr. Norm Goldblatt, WA2GAK, of R.I.T. Norm will present slides taken at the Areceibo Ionospheric Observatory and the National Radio Observatory. He will discuss various technical aspects of radio astronomy, including antennas and receiving equipment, along with such phenomena as planetary emissions, quasars, and pulsars. Tape recordings of some of these signals will add an additional dimension to the program. Finally, we will hear about efforts being made in the search for extraterrestrial intelligence - truly The Ultimate DX!

Russ McKay Comes Thru Again!

RaRa Life Member Russ McKay, WA2CBU, has donated an IK-440 code generator to the code class. The IK-440 is an expensive piece of equipment that generates random code at speeds from 1 to 50 WPM. It sends groups of letters either with or without numerals and will be invaluable to the code instructor giving practice to the General aspirants.

However, Russ is clever! As the IK-440 generates random code there is no copy to check against unless you tape the output OR unless the instructor copies along with the class - being a graduate of one of our code and theory classes Russ has found a way to make the instructor work!

Sincere thanks Russ, from the class instructors and, more important, from future Hams.

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Alan Komenski, WB2ZFM
Frederick Shippey, WA2BQA
Harold Smith, WA2KND

NOMINEE'S SKETCHES

OTTO BLUNTZER, WB2RJB, was first licensed as KN5ESQ in 1957, then became WA5IZK in 1962. From South Texas he moved to Rochester in 1964 receiving the call WB2RJB. He, his wife, Ruth, and five children reside at 95 Mariposa Drive in Gates. Otto is employed by the Gates Chili School District as a teacher where he has worked for the past 13 years. He is very active as a member of the VHF Group and holds membership in the other local organizations. Construction of VHF gear is his favorite aspects of amateur radio

JAMES P. COLLINSWORTH, WB2EDT, Ginger, and their five children, Mitch, 17, WB2JRX; Roy, 14; Kyle, 12; Gail, 11; and Brett, 5, resides at 1040 W. Walworth Road, Macedon.

At Kodak, Jim's position is Advertising Planning Specialist for Professional and Finishing Markets Division. He serves also as trustee of WA2MBW, Kodak Office Radio Club. First licensed about 1960, Jim has held WA4CLE and WA2LQC. He is Section Emergency Coordinator and Civil Defense RACES Radio Officer, active in Army MARS, active on 80- through 2-meter bands and is preparing for 450MHz operation. A favorite mode is RTTY -- in addition to regular FM, VHF operation.

He continues to serve as one of the original trustees and president of the Macedon Public Library.

DONALD H. DRENNAN, W2EBF, was first licensed in 1939 as W4FHF and operated 40 cw

until WWII. Don's other calls have been W5NGC and W1WCN. Don was Assistant Sig. Officer (Radio) with the U. S. Army Signal Corps from December '41 thru March '46, Hq. VII Army Corp and, XIII Army Corp. He commanded HQ. CO. IV Signal Battalion across Europe.

Don attended the University of New Mexico, graduating in June 1949, with a BSME. He joined General Electric after graduation and worked in medium steam turbine engineering for fifteen years.

Don currently operates actively on two meters. He is married and has a son and daughter. His son is WA2LNZ. He is currently employed with Facilities Engineering at the Kodak Park Division, Eastman Kodak Company as Engineering Associate, Project Engineer for Large Facilities Projects.

ROBERT J. ERSKINE, W2NVZ, has been a licensed amateur since 1952, with the same call. Bob is active on 10, 15 and 20 phone plus 2-meter F.M. He also operates on 439.25 MHz fast scan T.V.

Bob has been employed in the broadcast industry for the past 24 years and is presently a supervisor at WHEC-TV. He has been a member of RaRa and ARRL for most of his amateur career. Last year Bob served on the Board of Directors of RaRa. He holds an Advanced Class license and a First Class Radiotelephone commercial license. W2NVZ is a member of the Society of Motion Picture and Television Engineers, and the Society of Broadcast Engineers.

For President we have EDWARD M. GABLE, W2MPM. An Extra class license, Ed is the present RaRa VP and has been an active club member and Amateur for twenty years. He is an Assistant Director for the ARRL Atlantic Division, a Committee Chairman for the Rochester Hamfest, Operations Officer and Alternate Radio Officer for Monroe County RACES, and is presently instructing General theory at the Association's licensing courses. Ed is past Chairman of the Rochester VHF Group and was President and Activities Manager for the Rochester Radio Repeater Association. Residing at 737 Latta Road in Greece, he is a Test Engineer for RF Communications. If you can't find him on 28/88, try the low end of 80 or 40 Meters.

(Continued on page 6)

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dynamic range. For superb adjacent channel rejection, the 1st mixer is followed by a monolithic crystal filter. And the 2nd mixer by an 8-pole ceramic filter.

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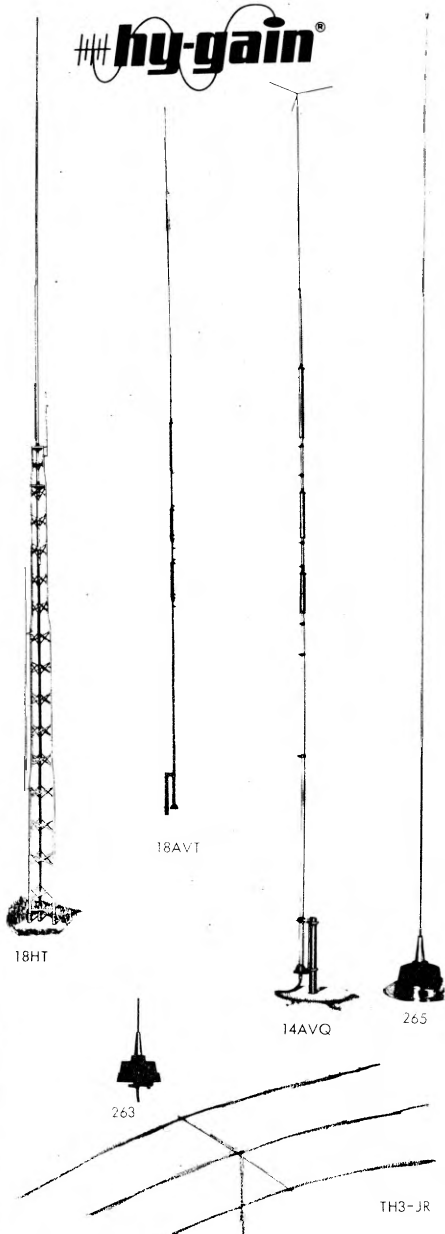
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265	2 Meter 5/8 wave Magnet Mount Whip with Cable	29.95
269	2 Meter Rubber Duckie Ant with 5/16-32 base	7.00
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155	Center Insulator/Support for Doublet Antennas	5.95
156	End Insulator for Doublet Antenna	per pr 3.95
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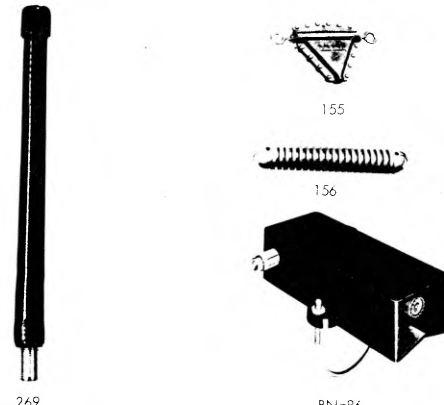
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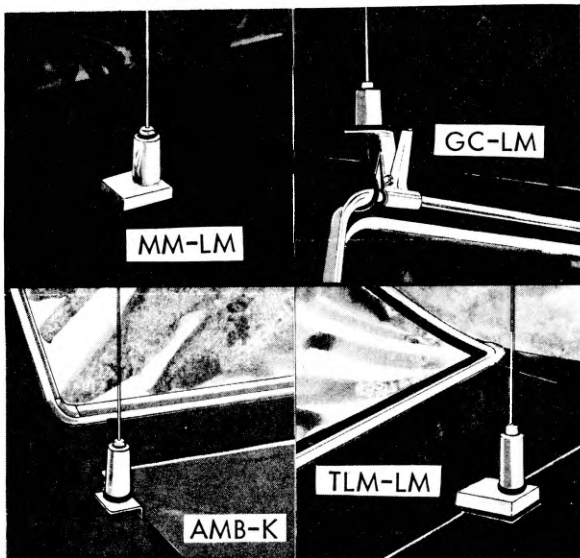
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If you don't see what you are interested in, we'll be happy to send you a copy of the complete Cushcraft catalog on request. There are many models not shown here because of space limitations. Cushcraft has many other horizontally polarized antennas, colinears, hf monoband and triband beams, etc.

MODEL	KEY	DESCRIPTION	GAIN	BOOM
AR-6	F	6M FM Ringo, 1/2 wave vertical	3 dB*	96 in
A50-5	K	6M SSB or FM 5 element beam	9.5 dB	144 in
A147-4	C	2M FM or SSB 4 element side mt beam. Great for xmtr hunts, links	9 dB	44 in
A147-11	E	2M FM or SSB 11 element beam	13.2dB	144 in
A147-22	E	2M FM 22 element array	16 dB	144 in
DX-120	J	2M SSB or FM 20 el colinear array Also avail in 40 & 80 el arrays	14.2dB	30 in
A147-20T	D	2M FM 10 el vertical and 2M SSB 10 el horizontal, on one boom	12.4dB	130 in
AR-2	F	2M FM Ringo, 1/2 wave vertical	3 dB*	50 in
ARX-2	G	2M FM Ringo Ranger colinear	4.5dB*	96 in
ARX-2K	G	Conversion kit: Ringo to Ranger	+1.5dB	
AFM-4D	H	2M FM Four Pole Colinear, great for repeaters or gain	-omni 6 dB -offset 9 dB	23 ft
A220-11	E	220 MHz FM or SSB 11 el beam	13.2dB	102 in
ARX-220	G	220 MHz FM Ringo Ranger colinear	4.5dB*	72 in
ARX-450	G	450 MHz FM Ringo Ranger colinear	4.5dB*	39 in
A449-6	C	450 MHz FM or SSB 6 el sidemt beam	11dB	35 in
A449-11	E	450 MHz FM or SSB 11 el beam	13.2dB	60 in
A449-22	E	450 MHz FM 22 element beam	16 dB	60 in
AFM-44D	H	450 MHz FM Four Pole Colinear	-omni 6 dB -offset 9 dB	8 ft

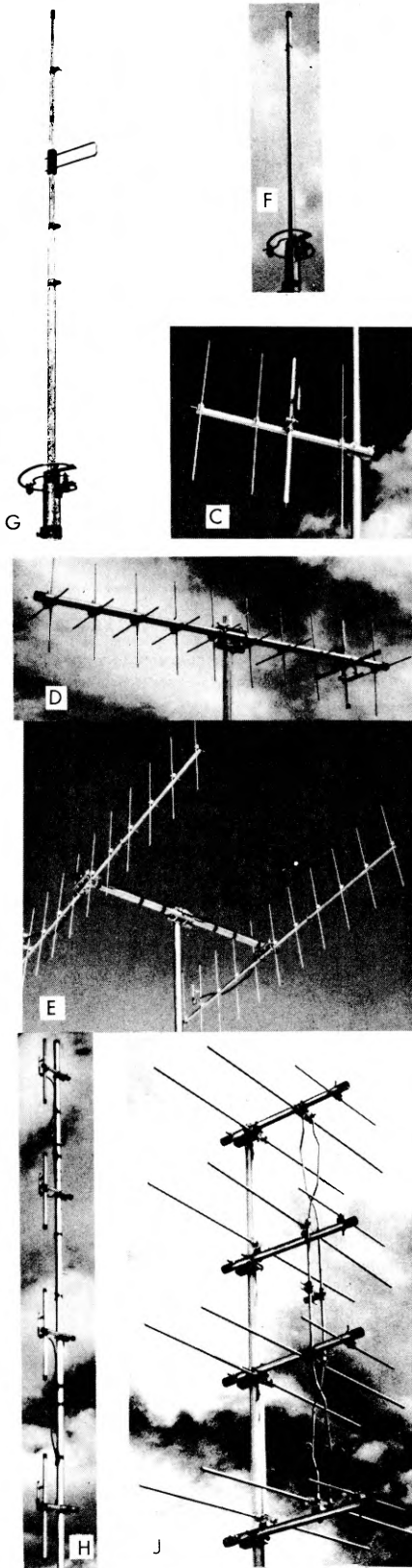


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SKETCHES

(Continued from page 3)

LEONARD M. GESSIN, WA2ZNC, of 34 Cullens Run, Pittsford, is married with three sons and a daughter at home. A FCC first phone licensed technician, he is employed by the County of Monroe, Department of Public Safety Communications as an Assistant Superintendent. His interests are fishing and boating. The VHF spectrum is his operating area and you can often hear him on 2 meters FM from his boat as well as mobile. A RaRa Board member for the past six years, a former officer in the VHF Group and active in many of our Amateur activities, including RRRRA.

EDWIN J. HOLDSWORTH, WA2EKR, was first licensed in 1968 and currently holds the Advanced Amateur Class. He is a Past President and Vice-President, Secretary and member of Board of Directors for RaRa. Ed is currently employed by Rochester Gas & Electric as Standards Technician. He is active in AREC, RACES, and is Alternate Radio Officer for Civil Defense. Recently he assisted with the RaRa Code & Theory Class. He is Trustee of the RaRa Club Station - K2JD. Ed maintains our club mobile van and station, helps to organize the club campouts and is the awards chairman for the Rochester Hamfest. His other interests are traveling, woodworking and auto restoration. Ed and his wife Joyce with their sons Jim, Steve - WA2EJY, Gerry - WA2IMQ, Cary and Keith live near Honeoye Falls and Ionia.

RONALD J. JAKUBOWSKI, K2RJ (ex-W2HXP) has been active in Rochester Amateur radio clubs since he came here three years ago. He is an engineer at Harris RF Communications Division and works mainly with VHF/UHF car telephones. Besides being very active in Army MARS he also finds time to work on his church's Worship Committee and recently designed and installed a new stereo sound reinforcement system for his church. He resides at 446 Cedarwood Terrace with his wife, Kathleen and two daughters Rebecca and Deborah. Ron is presently serving a term on RaRa's Board of Directors.

ALBERT R. KAVANAUGH, WA2CTC, a life long resident of Rochester except for periods

in college and four years as clarinetist with the U.S. Marine Band. He is Vice-President and Director of Personnel for the Security New York State Corporation, a nine bank holding company of which the Security Trust Company of Rochester is the lead bank. He is married with four children. He has been a ham since November of 1975. He enjoys music and camping.

HOWARD KINGSFORD, WA2UEB, a chemical engineer at Eastman Kodak was first licensed in 1971. He received his Advanced license in 1976. Formerly DA4AK, he completed Advanced Radio Operator training while in Germany. His current interests include VHF antennas, microprocessors, and flying. Presently, he is Vice-Chairman of the Rochester VHF Group. He resides in Hilton with his wife, Gerri.

ALAN KOMENSKI, WB2ZFM, is the Supervising Dispatcher in the Monroe County Department of Public Safety Communications. At age 26, he has been the youngest member on the Board of Directors the past couple of years. He served as a member of the Board during 1975-1976 and as RaRa's secretary this year. He has been active on both 2 meters and on the HF C.W. Bands, and is an active member of the Air Force MARS program. Alan graduated from the University of Oklahoma with a BA in political science. He lives at 31 Cullens Run, Pittsford.

FREDERICK L. SHIPPEY, WA2BQA, his wife and two small daughters reside at 75 Clearview Drive in Penfield. He presently has an advanced class amateur license and has been an amateur radio operator since 1966. In addition, he holds a 2nd class radiotelephone license. He spent five years as an officer in the U.S. Air Force involved in airborne electronics equipment maintenance and is presently active in the Air Force Reserve serving as a communications advisor to the Civil Air Patrol. He has been active in Air Force MARS for ten years. Fred is a chemical engineer and has been working for the last six years as a photographic engineer in Kodak's Photographic Technology Division. He is a Registered Professional Engineer in the state of Michigan. His non-radio hobbies include photography and wood working. Fred is presently Chairman of the Rochester Radio Repeater Association (RRRA) and was Vice-Chairman of RRRRA last year.

HAROLD C. SMITH, WA2KND, is Regional Sales Manager for French Telegraph Cable Company. He and his wife, Helen, WA2YRH, live at 153 Mason Avenue in Greece. He has been licensed since 1960. He is editor of the RaRa Rag and general manager of the Rochester Hamfest. Harold is an Assistant Director, Atlantic Division, American Radio Relay League and a member of the Board, Antique Wireless Association. He holds an advanced class amateur license and works all bands, with emphasis on VHF. Flying is a new interest. He is a student pilot. K2EUR is his instructor.

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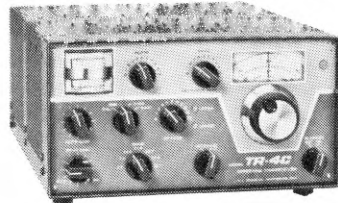
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INDUSTRIAL ELECTRONIC COMPONENTS · TELEVISION · RADIO · AMATEUR EQUIPMENT

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YAESU

FT-101E	\$729.00	FT-101EE	\$649.00	FT-221	\$595.00
FL-2100B	\$399.00	FL-101	\$525.00	FR-101D	\$599.00
FR-101S	\$489.00	FT-620B	\$365.00	YC 500J	\$249.00
FRG-7	\$299.00				

Kenwood TS-520	\$629.00	Triton IV	\$699.00
Kenwood TS-820	\$830.00	Atlas 210X	\$649.00
Kenwood TS-700	\$599.00	Kenwood TR 7400	\$399.00

ICOM IC-22S	\$299.00	ICOM IC-215	\$229.00
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Mastercharge
or in store financing available on purchases over \$50.00

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