

The RARA RAG

Published by

The Rochester Amateur Radio Association
INCORPORATED

VOL. 26

MAY 1974

NO. 9

WNY Hamfest Time - May 17-18

The annual WNY Hamfest and VHF Conference is almost here. The magic dates are Friday, May 17 and Saturday, May 18. Hamfest Headquarters Hotel this year is the Hilton Inn-On-The-Campus at 175 Jefferson Road. The Hamfest itself will be at the Monroe County Fairgrounds, Calkins and East Henrietta Roads.

More than 5500 brochures covering all the events of both days have been mailed to those who have attended in the past and to all the Rochester area people. If you failed to receive your brochure, you can pick one up at the meeting or get one in the mail by sending a card to the club post office box 1388, Rochester, N. Y. 14603.

Feature events at the 1974 WNY Hamfest will be an FCC Forum, a program on Oscar 7 and it's capabilities, an ARRL Forum, a program on radio control systems for model aircraft and some words about the world of FM repeaters. In addition, there will be a Navy MARS meeting, a QCWA get-together, and the New York State Code Receiving Championship.

Ticket price is \$3.00 for registration at the gate or in advance. Everyone must register. Exceptions are the very young. Advance registration and banquet costs only \$9.00. Advance tickets are available from Ernie Crewdson, WA2FVG, 124 Parkmere Rd., Rochester, N. Y. 14617. Advance registration closes May 5th. Unlimited registration is available at the gate. Only a limited number of banquet tickets will be available on Hamfest day. Tickets for the bus tour to Midtown Plaza and the ladies fashion show are free. The ladies must pay the usual registration fee first.

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 3, 1974 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 1974-75.

By Order of the Board of Directors
William March, Secretary

Rochester, New York
April 26, 1974

May 3rd Meeting

A Look at Frequency Synthesis

by Joe Hood, K2YAH

A decade ago frequency synthesis techniques were employed only in exotic and very expensive commercial or military communications equipment. However, the advances made in integrated circuits have taken frequency synthesis out of the realm of the pipe dream and made it an attractive and even economical method of frequency control for amateur service.

The technique of frequency synthesis is therefore something with which amateurs should become familiar and the May 3, 1974 RaRa meeting will provide the opportunity. Ray Williams, WA2RYT, who is an electrical engineer with Kodak Apparatus Division in Business and Professional Product Design, has designed and constructed a synthesizer for two meter amateur work and as a result, has learned the hows, whys, do's and don'ts of frequency synthesis at the May RaRa meeting. Ray's program will center on a simplified, block diagram type explanation of what goes on inside a synthesizer starting with the operation of a phase locked loop and ending in a demonstration of his homebrew synthesizer.

The program promises to provide an excellent opportunity to become familiar with the rapidly growing uses of frequency synthesis techniques in amateur equipment. After all, if one can buy or build a little box that replaces several hundred crystals at \$5.00 each for \$100 or so, it sure seems to be an offer you can't refuse.

The program will follow the club business meeting and election of officers for the 1974-75 season. The meeting gets underway at the Farm and Home Center, 249 Highland Avenue at 8 p. m. on Friday, May 3rd. Come, cast your vote and then get up to date on frequency synthesis.

New Flea Market at Hamfest

The flea market operates on Saturday only in special paved area adjacent to the Fairgrounds Dome Arena. There will be a one dollar per car fee to park in the flea market area. Plenty of FREE parking is available for everyone else.

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The Rochester Amateur Radio Association
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Managing Editor . . . Harold Smith, WA2KND
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Helen Smith, WA2YRH
IBM Computer, 360

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VOL. 26 MAY 1974 NO. 9

OFFICERS:

President: Robert Lauzon, WB2NSD

Vice-President: Joe Hood, K2YAH

Secretary: William March, WA2CER

Treasurer: Leonard Gessin, WA2ZNC

BOARD OF DIRECTORS

Ed Holdsworth, WA2EKR

Harold Smith, WA2KND

Jim Collinsworth, WB2EDT

Elmer Wagner, WB2BNJ

Robert Phelps, WB2DPT

Ray Roberts, WA2SSU

Ed Maher, WB2ZJY

Club Historian: Bruce Kelley, W2ICE

Code and Theory Course Director:

Bob Lauzon, WB2NSD

Membership Chairman: Elmer Wagner, WB2BNJ

The RARA Rag is published monthly except July and August by the Rochester Amateur Radio Association, P.O. Box 1388, Rochester, N.Y. 14603. Subscription price \$1.00 per year (included in \$5.00 annual membership dues). Second class postage paid at Rochester, N.Y.



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THE RADIO AMATEUR'S JOURNAL

14 Vanderventer Ave. Port Washington, N.Y. 11050

PRESIDENT'S LETTER

by Bob Lauzon, WB2NSD

The meeting held on April 6 was one of the better attended of the year and Bruce Kelley, W2ICE, presented an excellent Old Timers' program with the able assistance of Linc Cundall, W2QY, George Batterson, W2GE, Ducky Dengler, W2LK, and Al Crum, W2BWK. The fact that there wasn't a sound during the program except applause and laughter attests to the interest the program held.

The new slate of officers for the next year was presented and it will be found elsewhere in the issue. The vote will go to the floor via ballot in May as there were more nominees than positions available.

The proposed dues for next year which are subject to your confirmation in May were as follows:

\$5.00 for regular membership

\$1.00 additional for family membership

\$2.00 for associate membership

Also announced was a Life Membership available at a cost of 20 times the annual dues and Past Presidents are being recognized for their work on behalf of the club by being permitted to obtain Life Membership for an amount equal to two year's dues. In both cases suitable call sign badges will be presented to those who become Life Members.

The next meeting will be my last as your president and I leave the office in the excellent hands of Joe Hood, K2YAH, who will automatically move up from his present post as vice president. Joe will do a fine job in the top office in the club.

The year has gone fast - much too fast - and I have enjoyed every minute of it serving the club - you have my assurance that I will continue to serve to the best of my ability in any position you may see fit to place me.

RaRa CAMPOUT

by Ed Holdsworth, WA2EKR

The first campout of the season will be held at Lei-Ti Recreation Resort at Batavia, New York over the Memorial Day Weekend, May 25, 26 and 27. Reservations must be in as soon as possible with Ed Holdsworth, WA2EKR, or Rich Koehn, WB2SNA. Activities have been planned and will be announced at the campout. This promises to be another fun activity for all those attending - hope to see a large turn-out.

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Nominating Committee Report

April 5, 1974

REPORT OF THE NOMINATING COMMITTEE FOR OFFICERS AND MEMBERS OF THE BOARD FOR THE RARA FOR THE CLUB YEAR, 1974-75.

or President Joseph M. Hood, K2YAH
Vice-President William C. March, WA2CER
Secretary David D. Holtz, WB2HTH
Treasurer Leonard M. Gessin, WA2ZNC

Board Members (Listed in alphabetical order of last names)

James P. Collinworth, WB2EDT
Edwin J. Holdsworth, WA2EKR
Sherin (Ed) Kessler, W2EQW
Edward E. Maher, WB2ZJY
Robert E. Phelps, WB2DPT
Raymond J. Roberts, WA2SSU
John L. Schooley, W2BLU
Harold C. Smith, WA2KND
Thomas A. Woodford, K2TXO

The Nominating Committee unanimously agreed to submit the names of 10 members for the Board, with the membership, at the annual meeting in May, by its vote to elect 7 from this list and any others which might be nominated from the floor. This is a report. At the May meeting the committee proposes to place in nomination the names submitted herewith.

Respectfully
Edward M. Gable, W2MPM
Ernest Crewdson, WA2FVG
Edward W. Dunn, W2ECH

Report of the Nominating Committee for Officers and Board Members for 1974-75

JOSEPH M. HOOD, K2YAH, is Senior Development Engineer for Kodak Apparatus Division Business and Professional Products. He and his wife, Yvonne, have four children, James, 6; Tricia, 4; Kathryn, 2; and John, 1. He has been licensed since 1956 and holds Extra Class license. His ham interests are 2 meter FM, Repeater Technical Committee, RTTY and homebrewing. His other hobbies are golf and auto mechanics.

WILLIAM C. MARCH, WA2CER, lives at 1961 English Road, Rochester with his wife, Elaine, and son, William J., 2 years old. He has held amateur radio license since 1957 and General license since 1958. His amateur interests are Public Service, Civil Defense, and VHF. His other interests are camping, fishing and hunting. He is employed as an engineer for Eastman Kodak in the Engineering Division at Kodak Park.

DAVID D. HOLTZ, WB2HTH, of 19 Greenleaf Meadows, Rochester, is Administrative Services Editor, Corporate Information Department, Eastman Kodak Company. He and his wife, Donna, have two children: Julia, 5; and Christopher, 3. He received his BSBA from University of Nebraska and did further graduate study at the University of Nebraska and University of Rochester. He was first licensed in 1963 in Nebraska, WAØFNP before coming to Rochester in 1968. He is presently Secretary-Treasurer of the Kodak Club, KORC; and Program Manager for the Rochester Radio Repeater Association. He gets his ham radio "kicks" at the work bench. Building, adapting, and tinkering takes most of his time than actual operating although he is active on 80, 20 and 15 MHz with SSB and some CW; also 2 Meter FM. His non-ham interests run the gamut from A to Z! He reads extensively; likes woodworking; enjoys gourmet food; etc. David said, "Truthfully, there just aren't enough hours in the day for all those interests -- but the wife and children get my first attention. I've heard whispered behind my back that 'ham radio' is my mistress. Hi! Obviously, I've been devoted to ham radio since my first licensing."

LEONARD M. GESSIN, WA2ZNC, "Len" of 34 Cullens Run, Pittsford, is the Assistant Superintendent of Public Safety Communications, for the County of Monroe. With his wife, Onnalee, and teen son, Jeff, and daughter, Terry Ann, they try to keep little sons, Lenny and Scotty in tow. Len was licensed in 1962 when he also got his first phone radiotelephone license. The VHF bands are his amateur home, with RTTY showing a rising interest. He will be looking for idle chatter this summer, thru the 2 meter FM repeaters, as he navigates the local waterways as WA2ZNC Maritime 2 if those 2 little guys let him alone for a minute.

JAMES P. COLLINSWORTH, WB2EDT, Ginger, and their five children, Mitch, 14, WB2JRX; Troy, 11; Kyle, 9; Gail, 8; and Brett, 2, reside

(Continued)

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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 WA9LQC. He is local AREC 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 and he's a recent OSCAR convert--in addition to regular FM, VHF operation. Jim has participated actively as a RaRa Director for two years.

Other professional organizations he's active in include: Society of Photographic Scientists and Engineers, Rochester Advertisers, and the Society for Technical Communications. He holds the degree of Photograph Craftsman in The Professional Photographers of America and has served for the last several years on that organization's faculty at the Winona School of Professional Photography, in Indiana. In Macedon, he continues to serve as one of the original trustees of the Macedon Public Library.

EDWIN J. HOLDSWORTH, WA2EKR, with his wife, Joyce, and five boys: Jim, 20; Steve, 19, WA2EJY; Cary, 16, WN2FYJ; Gerry, 14; and Keith, 9; live at 518 Parish Road, Honeoye, Falls. Ed is employed by Rochester Gas & Electric as Field Engineer, Standards Group. First licensed in 1968 as WN2EKR now has Advanced Class license. Has served on Board of Directors, as Secretary, Vice-President and President. Other hobbies include camping, traveling, woodworking and auto restoration.

SHERIN (ED) KESSLER, W2EQW, of 120 Leigh Avenue with wife, Marcy. Employed as an Electronics Technician for Xerox Corporation for six years. Ed has been licensed since 1962 with the former call K3UZ0. He has been a Navy MARS member with the call N0FWZ since 1966. Ed was a radio operator in the Army when stationed in Germany in 1965 and 1966. He has been going to R. I. T. night school for over 5 years and he is getting a B. S. degree in June.

ROBERT H. LAUZON, WB2NSD/WA2SRF/N0YKF, is a Vice-President of McCurdy's and has been in the department store business for the past 36 years. Bob and his wife, Arline, reside at 151 West Jefferson Road, Pittsford. They have three children all married. Older

daughter, Dorothy, lives in Belgium with her two children. Younger daughter, Debbie, lives in Albany with her son and son, Bill, WB2PFP, just moved to Tampa, Florida with his wife and young daughter. That makes four grandchildren. Bob got a late start - he has only been a ham operator since 1964. He holds an Extra Class ticket and is active on all bands 80 up through 2 meters and all modes including mobile CW. He is immediate Past President of RaRa and also Exhibits Chairman for our Hamfest. He is Director of the Code & Theory Class.

EDWARD E. MAHER, WB2ZJY, and his wife, Ruth, live at 174 Mulberry Street in Rochester. The Mahers have five daughters. Ed has been licensed since 1964. He is employed in the personnel department of Crosman Arms Co. Ed is also very active in the Rochester VHF Group, having served as an officer for two years.

ROBERT E. PHELPS, WB2DPT, is a Foreign Patent Specialist at Eastman Kodak Company. He and his wife, Norma J., reside at 35 Woodland Road, Pittsford, have two daughters, Cindy and Beth. Bob has been an amateur since 1958 and formerly was W8ASA. He came to Rochester from Euclid, Ohio in 1967. His amateur interests are RTTY; 20, 40, 80 M SSB; 2 M FM, and homebrewing.

RAYMOND J. ROBERTS, WA2SSU, lives at 71 Howedale Drive. He and his wife, Frances, have two sons: Robert, WA2QAU; and Jeffrey, WN2EAI. Ray is at present Manager of Tire World of Greece, President of Tire World of Webster and Vice-President of Tyldin Corp. He is Disaster Chairman for the Red Cross in the town of Greece. Ray also is chairman of WR2ADG (our new 450 machine). He still is

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not to busy to devote all the time needed to better HAM Radio thru RaRa or other sources. **JOHN L. SCHOOLEY**, W2BLU, has been an active operator for 21 years having held the call W8PAB in Cuyahoga Falls, Ohio for 16 years and the call W2BLU for about 9 years (had both calls for 4 years). His amateur activities has included AM, SSB and CW on 80 through 2 meters with a lot of time spent on 10 meter AM and CW (in the 50's) and 40 CW and SSB. He is currently serving as Secretary-Treasurer of the Rochester Radio Repeater Association through June 1974. John came to Rochester in 1964 to attend R.I.T. for his BSEE and since 1966 has been employed at Eastman Kodak as a Development Engineer and more recently as Telecommunications Coordinator for Kodak Park Division. He enjoys swimming, sailing, and riding motorcycles. John and his wife, Sally, have two daughters: Janet, 7; and Susan, 5.

HAROLD C. SMITH, WA2KND, is the Area Communications Representative for Western Union. 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 Western New York Hamfest and VHF Conference. 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.

THOMAS S. WOODFORD, K2TXO, is a Computer Information Specialist with the Office of Counseling and Special Services and Office of the Intercessor of the University of Rochester. He lives at 468 Clay Road in Henrietta. Tom received his first call in 1956 (at the tender age of 10) and was for many years active in amateur affairs including AREC and RACES in the Elmira/Corning area before settling in the Rochester area. In between his schedule of information processing and analysis responsibilities at the University, if Tom isn't helping our Rag editor and Hamfest chairman massage his computer files, you'll probably find him on that newly discovered mode, 2-FM.

Hike For Hope Sunday, May 5

Public Service by Jim Collinworth, WB2EDT

Many local hams will provide valuable communications assistance during Rochester's annual Hike for Hope. Your help is needed too.

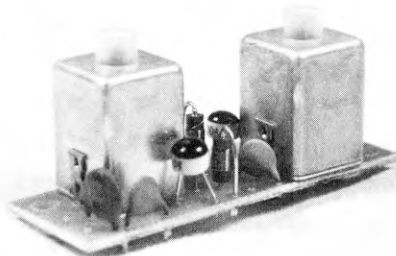
In keeping with the spirit of teenage sponsorship of this worthwhile effort, our ham activities are being coordinated this year by a triumvirate of dedicated, capable young folk.

Headed by Norm Schrader, WB2GGM, assisted by Bill Zack, WB2HDK and Mitch Collinworth, WB2JRX--all high-school youth who have attained (or, are on the threshold of) Advanced Class licenses--these fellows have organized a good ham-communications team. Let's all get behind them and provide the sup-

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port and assistance needed. If you don't have a hand in the "hike" yet, contact one of them on the air or by landline and take a stint at one of the check points on one of the shifts-- or, cruise the hike route.

If you want more information, just speak up!

Hamfest Time - May 17-18



PAST PRESIDENTS AT APRIL RaRa MEETING - from left front, Wes Jackling, W2YUT, '50; Linc Cundall, W2QY, '49; Harold Smith, WA2KND, '65; Eddie Dunn, W2ECH, '66; Bob Lauzon, WB2NSD, '73; Ernie Crewdson, WA2FVG, '68; Bruce Kelley, W2ICE, '44; Lee Wight, W2VBH, '52; from left rear, Bob Wetherall, W2CZT, '53; Rich Koehn, WB2SNA, '71; Stan Hazen, K2SSB, '61; Fred Halik, K2EU, '56; "Cappy" Capauldy, K2UXF, '63; Al Mumby, WB2MCP, '69; Hank Blodgett, W2UTH, '51; Ed Holdsworth, WA2EKR, '72.



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