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RRRRRR      EEEEEEE      MM      MM      A      RRRRRR      CCCC      SSSSS
RR  RR      EE      MMM      AAA      RR  RR      CC  CC      SS  SS
RR  RR      EE      MMMM  MMMM  AA  AA      RR  RR      CC  CC      SS  SS
RRRRRR      EE      MM  MM  MM  AA  AA      RRRRRR      CC  CC      SSSSS
RRRR      EE      MM      MM  AAAAAA  RRRRR      CC  CC      SS  SS
RR  RR      EE      MM      MM  AA  AA      RRRR      CC  CC      SS  SS
RR  RR      EE      MM      MM  AA  AA      RR  RR      CC  CC      SS  SS
RR  RR      EEEEEEE      MM      MM  AA  AA      RR  RR      CCCC      SSSSS

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MID-ATLANTIC AMATEUR RADIO CLUB

JAN./FEB., 1984

PUT OUR MONEY WHERE OUR MOUTHS ARE!

IT IS TIME TO RENEW MEMBERSHIPS. Unless you joined at the 1983 Hamfest, your membership expires at the end of February. If we want activities and services, including this newsletter, to continue, we MUST promptly send our dues. And why not recruit a friend?

READY, AIM, UPGRADE!

MARC OFFERS A TECHNICIAN-GENERAL course at Cabrini College in Radnor, Pa., beginning January 18. It will meet Wednesdays 7:30 to 9:30 PM for ten weeks. The course will teach theory and give code practice. We hope some MARC members will take this chance to upgrade. Please talk up the course to your Novice and Tech friends. It costs \$10 for texts and study materials, plus a \$5 registration fee for the college, payable the first night of class. The course is open to anyone with at least a Novice license. Direct questions to BOB WA3PZO, JEFF WA3RIZ, or AL W8DZI. The FCC has released a 500-item question pool for the Tech-Gen theory test, but at press time we don't know whether it will be these questions or the old tests used at the first quarterly exam session.

NOVICE COURSE: 15 FRESH HAMS

JEFF K3WJ0, DAVE KA3FVB, HARRY K3MM, DAVID KA3HBK, and KEVIN K3NTD taught later units of the Novice course. AL W8DZI marked theory tests, double-checked by JOHN WB3ELA. Of the 18 students, 15 eventually passed the 5 wpm code test. All 15 then passed the theory exam. We will report the new hams' call signs as we learn them. Considerable credit goes to CARTER KA3IME, who supervised the course, to AL W8DZI who advised and supported the work, and to KAY KC3LM (ex KA3KPW), whose hours of behind-the-scenes word processing and computer programming paid off handsomely.

LOOK! ... UP IN THE SKY!

RIISING TO NEW HEIGHTS of eloquence, JOHN WB3ELA worked several club members during a hot-air balloon ride in November. A number of members monitored the transmissions from space by OWEN W6LFL. Speaking of upward mobility, congratulations to recent upgrades DAVID KA3HBK (Advanced), BART K3CBP (Extra), CRAIG N3CSG (Extra), JOHN N3DPX (Extra), JIM N4IQR (Advanced), KAY KC3LM (Advanced), KEVIN KA3BC0 (Extra). CARTER KA3IME finally got a Vermont QSL for WAS.

HIGH ABOVE VILLANOVA, they labored all day November 20 to raise the new .06 tower and antenna. Murphy's Law provided a million laughs. Qualifying for their Skyhook Badge: PAUL WA3YZL, AL W8DZI, BILL KA3AIK, JEFF WA3RIZ, MIKE WB3JHX, JOHN N3DMM, GREG KA3CMA, JOHN WB3ELA, DOUG N3ADL, NEIL WA3RPG, CARTER KA3IME, DENNIS N3AVI, CHUCK K3QLY, DAVID KA3HBK, CARL WA3ZZU, MIKE KA3BVD, MIKE KA3FSE, BOB W8SA, and HARRY K3MM. DAN WB3FYL, JIM KA3BMD, and ELMER KI3N, the guys from the 145.49 club in Reading who purchased the old equipment, deserve thanks for helping dismantle. And back they went on November 27: BILL KA3AIK, ROB WA3IHV, AL W8DZI, JEFF WA3RIZ, CARTER KA3IME, PAUL WA3YZL, HARRY K3MM, and BOB WA3PZO. They also serve who loan tools and safety equipment. Thanks!

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MID-ATLANTIC AMATEUR RADIO CLUB
MARCH/APRIL, 1984

OFFICERS, 1984

PRESIDENT	Al Maslin W3DZI	877-6622
VICE PRES	Ned Smith KA3EQT	233 4932
SECRETARY	Bart Feroe KC3BP	367-7805
TREASURER	Bob Josuweit WA3PZO	449-9727
MEMBERS-	Dennis Faulkner N3AVI	356-7240 (through 1984)
AT-LARGE	Millard Croll K3PTQ	964-0422 (through 1985)

TECHNICAL COMMITTEE	Paul Martin WA3YZL	853-2079
POLICY COMMITTEE	Carter Craigie KA3IME	688-5045
PROJECTS COMMITTEE	David Fetter KA3HBK	296-9949
PUBLIC RELATIONS COMMITTEE	Neil Halin WA3RPB	667-5345
PUBLIC SERVICE COMMITTEE	Jeff Chapman WA3RIZ	277-0429

GOOD LUCK to the new officers. Thanks to all who have paid 1984 dues. By doing so, you're pulling your own weight. Lean as times are, we can't ask you who pay to subsidize others who don't, so the mailing list was pruned for this issue of REMARCS. Postcard reminders are going out to lapse members; we hope they'll rejoin soon. A special welcome to our Novice class graduates who have joined. We want to thank those who support the club with their dues, even though they seldom use the machines or take part in other activities. Their financial support deserves respect, even while we wheedle/browbeat available persons into working.

OUR NOVICES HAVE THEIR CALLS! HERE'S THE CLASS OF 1983!

J.D.	KA3LXY	GEORGE	KA3LYG
GEORGE	KA3LXZ	RALPH	KA3LYH
SUE	KA3LYA	HENRY	KA3LYI
MIKE	KA3LYB	MIKE	KA3LYJ
ALEXANDRA	KA3LYC	TOM	KA3LYK
MIKE	KA3LYD	CARL	KA3LYL
MARILYN	KA3LYE	ARTHUR	KA3LYM
JANNA	KA3LYF	JONATHAN	KA3LYN

HENRY KA3LYI thanked MARC for letting him take the test with our class so he could upgrade before entering the service. ED KA3GNU let Henry know about some opportunities the Navy offers for those with at least General class licenses. JANNY KA3LYF is JEFF K3WJO's YF. ALEXANDRA KA3LYC is KEVIN K3NTD's YF. SUE KA3LYA is MIKE KA3LYB's mother; their OM/father is JACK KA3CZB. GEORGE KA3LXZ and J.D. KA3LXY are father and son. MARILYN KA3LYE (who made Tech in February) is married to JOHN W3MA. This is starting to sound like those puzzles where you have to deduce which one is Lithuanian and which one drives the Buick Anyway, isn't it find to see ham radio a FAMILY activity? We hope to see more kids and YF's of members and friends in the Novice class of '84.

CLASSIFIED

CLASSIFIED ADS for buying/selling equipment are free for club members--though donation of a couple of first-class postage stamps wouldn't engender hostility.

FOR SALE: Mini Products hybrid quad antenna HQ1. Alliance heavy duty rotator. All equipment for chimney mounting. Everything works. CHARLEY KB3JP, 688-1826.

FOR SALE: ICOM 290A multi-mode. \$250. DOUG N3ADL, 265-3684.

FOR SALE: Apple II+ (64K), good for simple system without heavy peripheral load, \$400 OR will donate for tax deduction. For sale separately Apple add-ons including Videx Video-term 80 col. card, Videx Keyboard Enhancer II, Microsoft Z80 card (no software). Compu-Serve startup kit for any computer. KAY KC3LM, 688-5045, before 9 pm.

ESTATE SALE: Equipment from the estate of W3EON includes McKay Dymek DR33 Receiver, DP40 Preselector, DA100 Active Antenna; Curtis KB-4900 keyboard; AEA MBA-RC Code converter; Heathkit DX60b Transmitter, HG10B VFO, HMI 02 SWR/Power meter; other things, too. Call Gene Shellenberger WB3IMR at 265-3887.

FOR SALE: About 125 feet of large-diameter hardline with end connectors. Belongs to MARC. Contact BOB WA3PZO, 449-9727.

WANTED: Schematic and/or manual for Dentron Super Tuner. CARTER KA3IME, at 688-5045, before 9 pm.

RADIO PROGRAMS

FROM THE ARRL Net Directory for 1983-84, we select these eastern US nets devoted to computers (see the Directory for the whole national/international list). All times are UTC. The Apple net may fizzle--net control quit, and no new one at press time.

APPLE	Sat.	7260	1400	SINCLAIR/TIMEX	Sat.	3980	0000
ATARI	Thu.	3960	0100		Sat. & Sun.	7228	1800
	Sun.	7230	1400	TRS-80	Sun.	14342	2100
COMMODORE	Sat.	7156	1330				

MICROCOMPUTERS often cause uncouth sounds like R2-D2 having a nervous breakdown to froth from a ham rig. The interference may be so bad you can't use both machines simultaneously, as you might want to do for RTTY, logging, beamfinding, etc. April QST, page 77, mentions an aerosol spray-on product that reduced emissions from a TRS80 Model I. On several bands the reduction was dramatic. Improved grounding largely shut up our Apple //e, without resort to such extraneous goop. By the way, we find TRS80 Model 100 computers to give little RFI on HF. Burps of white noise, mainly on 28 MHz, but nothing demoralizing.

WE'VE REALLY GONE DIGITAL. MARC's Secretary taps in the club and board meeting minutes on a briefcase-size computer, then uploads and edits on a larger micro, later on. Your editor maintains a membership list in a database and no longer has to harrass the Treasurer for mailing labels and phone lists from HIS computer. She and Bart maintain consistent lists via electronic mail, Our Vice-President has been inventorying club property using his computer's database software. You probably don't give a picofarad about any of this, as long as your newsletter goes to the right address. We mention it only to underscore that hams' imaginative use of new communication technology extends to administrative humdrum in addition to on-air fun. It's all in the name of better record-keeping and improved services to the membership.

NEW LOCATION!



MID-ATLANTIC AMATEUR RADIO CLUB

147.66/.06 144.53/145.13

presents

HAMFEST '84

Sunday, August 12, 1984 - Rain or Shine

Time: 9:00 - 4:00

Tailgate set-up begins at 8:00

Place: Bucks County Drive-In Theatre
Route 611, Warrington, Pennsylvania

(on Route 611, 5 miles North of the Willow Grove
exit of the Pennsylvania Turnpike, between Street Rd.
(Rt. 132) and County Line.)

Please see the map on the reverse side.

FEEES: \$3.00 Admission
\$2.00 Tailgaiting space (each)

Refreshments ● Door Prizes

TALK-IN: 147.66-.06 OR 146.52 WB3JOE

For further information, Call Bob Josuweit, WA3PZO

(215)449-9727

or Write to MARC, Box 352, Villanova, PA 19085

TRAFFIC PATROL

DID YOU KNOW that serious HF traffic handlers used to sniff at VHF as being little different from CB? Today, VHF traffic nets are recognized as the last link in the chain topped by Trans-Continental Corps. At the ARRL National Convention in New York, July 21, we heard a good forum on the role of VHF traffic nets in the NTS. Here's a synopsis.

COMPARED TO HF, VHF brings traffic closer to its destination, resulting in cheaper phone calls. VHF nets reduce time pressures on busy people, because they move faster than HF nets. 80-meter antennas may be impossible in crowded urban areas, but not VHF ones. Most importantly, however, VHF nets train operators in good procedures; eventually this enlarges the pool of competent HF handlers. While slow-speed code nets do valuable work, training in phone net procedures can be hard to come by on HF. Besides QRM/N, there's the fact that experienced HF operators may be reluctant to take time to teach over the air, and curious newcomers may feel mystified and intimidated. VHF traffic nets, on the other hand, supply interactive training (haven't you heard MARC NCS's talking a newcomer through copying a message?). VHF nets introduce the idea of traffic handling to people who never encountered it before, thus opening their eyes to a whole area of public service work.

AND I PROMISE lots of hams still think "traffic" is what makes you cuss on the expressway. There was a national drum and bugle corps competition at Allentown recently. By prior arrangement, hams from the kids' hometowns originated traffic from their families to the kids c/o TOM KB3UD. The hair in the soup was traffic with non-addresses like "Susie Kew, Drum Corps Festival." Not even the name of the kid's corps and do forget about hotel names or phone numbers. This good idea mutated into a migraine for Tom, who had the stupefying task of detecting for which of several thousand kids each message might be. Though traffic handling may not be your heart's delight, we hope you listen to our nets occasionally. That way, when your neighbor implores you to get a message to little Cuthbert at the Junior Birdman convention in Ecuador, you'll know the format.

SAY WATT?

THE FCC PLANS no more tests after November. Tests will be 5 - 9 November, with 15 October as the appointment cutoff date. Send Form 610 and copy of license to the FCC, One Oxford Valley Office Bldg., Room 404, Langhorne, PA 19047. Laurel ARC, Inc., Box 3039, Laurel MD 20708, and Mountain ARC, Box 234, Cumberland, MD 21502, have been appointed Region 3 Volunteer Examiner Coordinators, as have The W5YI Report (Box 10101, Dallas Tx 75207) and ARRL. If this sounds like "Who's on first?" you adequately comprehend the situation. When you upgrade, let your editor know; YOU may be too couth to howl but REMARCS has no such inhibitions and will bellow immoderately over your success.

WILL YOUR UPGRADE require a theory test? While you pound the syllabus through your upper story, don't overlook brushing up test-taking skills. "How to Take and Pass FCC Exams," by JIM BURTOFT KC3HW (73, July '84, pages 30-34) is a superior discussion of strategy for this kind of test. Existing license manuals will help for the last round of FCC tests but not for volunteer-administered exams. For the latter, get the current question pool for the test you're attempting, and DON'T USE OLD STUDY GUIDES. Ohm's Law hasn't been amended but Part 97 sure has. New license guides for the question pools will become available in late 1984. Watch out for vendors unloading outdated gubbidge on the unwary. We don't want to see your upgrade go down on one of these "gotchas."

THE NOVICE question pool has been amended. Revisions appear in August QST, page 67. The FCC reports many hams still don't know the Novice licensing procedure was changed in September, 1983 (with rules published in that month's QST). Some folks just catch on mega-slow . . . or is that nano-fast? Lackaday, while the revisions updated the questions on legal power (output instead of input), they left several glaring nonsenses intact. We hear the copy of the question pool in CompuServe's HamNet is incomplete and full of typos.



REMARCS

NOVEMBER/DECEMBER, 1984

NOMINATING COMMITTEE PRESENTS SLATE

DOC K3PTQ, Member-At-Large through 1985, displayed diligence and tact in chairing' the Nominating Committee . . . bet he wishes he'd volunteered for the Olympic skunk washing team instead. The slate is a good mix of oldtimers and newcomers, and I'd say that even if my OM weren't a candidate. Thanks to everyone who offered suggestions to Doc and especially to those whose names appear on the slate. One position, Member-At-Large, shapes up as a real race. The incumbent, DENNIS N3AVI faces challenges from PETER N3DXY and JOHN WB3ELA. In the next REMARCS, we'll interview these 3 contenders.

President Carter Craigie KA3IME
Vice Pres Bob Josuweit WA3PZO
Secretary Bart Feroe KC3BP
Treasurer Ned Smith KA3EQT

Technical Paul Martin WA3YZL
Public Service George Small N3DSX

Policy Gene Hoenig WB3FTJ
Projects David Fetter KA3HBK
Public Relations Neil Halin WA3RPG
Member-At-Large (Dennis Faulkner N3AVI
(2 year term) (Peter Wisner N3DXY
(John Bartholomew WB3ELA

SERVICE STATIONS

WE'D HEARD RESCUE VEHICLES yowling eastwards on Lancaster Avenue toward the Chetwynd high-rise apartment fire in Rosemont on October 18 before TOM K3YP0 phoned asking CARTER KA3IME to find BOB WA3PZO and get some hams ready to help. The American Red Cross planned a shelter at Bryn Mawr Presbyterian Church for families burned out on the 5th floor. Bob asked Carter to get 2 hams ready to go at once, and operations shifted to the 145.13 machine. HARRY K3MHM went to the church, later to be relieved by Tom, Bob, NEIL WA3RPG, and JEFF WA3RIZ. A number of people monitored .13 on standby, including AL W3DZI, ROB KT3M, RUSS K3RH, BOB W3SA, TOM K3TS, and NED KA3EQT. A little after 6 PM, Bob announced that the shelter would not be required. Our hams on the scene continued to work with the Red Cross and the victims. Most of the 68 people affected were allowed to return to their apartments; the one family totally burned out was taken to a motel. The Red Cross thanked MARC for our help in an emergency that was no simulation.

DAVID KA3HBK led a MARC team providing communications for a ten-mile 'Crop Walk' in Chestnut Hill on Sunday, October 21. His group included AL W3DZI, RAY N3BPJ, BART KC3BP, KAY KC3LM, and former member CRAIG KR3W. Though its title gave me visions of parading eggplants and prancing rutabagas, the event was actually a Christian Rural Overseas Program walkathon to raise money in aid of world hunger.

TEN MARC MEMBERS provided communications on September 30 at a 10K Mini-Marathon held as part of Main Line Week. Our communicators were BILL KA3AIK, RAY N3BPJ, PETER N3DXY, NED KA3EQT, DAVID KA3HBK, MIKE WB3JHX, DAVE WB3KTW, BOB WA3PZO, JEFF WA3RIZ, and NEIL WA3RPG.

CARTER WAS BLUSTERING something invidious about the parentage of 20 meters in response to a polite "Is the frequency in use? This is K6DUE." We'd just failed to QS0 with my dad JIM N4IQR. Again. The inquirer called himself Roy. From the landfill I humorously call my mind came: K6DUE ... Roy ... that distinctive voice ... woops! Roy Neal, the Ham-in-Space narrator on the ARRL video. We had a brief, cordial QS0 with Roy, whose SSB audio sounds better than half of humanity's on FM simplex, and learned he's a local! This former W3 grew up in Wayne, went to Boy Scouts in Paoli, and attended the Devon Horse Show just across the street from our QTH. Yes, I used my 'Lunar Module' phonetics--never could resist a cheap joke. You never know who's out there: a king, a senator, or a broadcaster who's done a lot to give Amateur Radio good press. Small ionosphere, isn't it?

A SPECIAL 73 to MIKE KA3EIP and his new YF KAREN, married on October 27.

HOLIDAYS APPROACH, and no matter which version you celebrate, from the REMARCS staff' (KAY KC3LM, editor, with silicon-based lifeform assistants Ezekial, K-9, and our newest, a Compaq named Asimov) please accept wishes for a safe, happy season and likewise the new year to come. May you always be DFQ into the machine of life! 73 + 88 DE KC3LM

+ + +

BACK IN DECEMBER, 1980, editor BOB WA3PZO published this one with credits to CHEESE BITS. We think it's worth a reprise.

'Twas the night before Christmas and all through the shack,
 The rig was turned off and the mic cord lay slack.
 The antenna rotor had made its last turn,
 The tubes in the linear had long ceased to burn.
 I sat there relaxing and took off my specs,
 Preparing to daydream of armchair DX,
 When suddenly outside I heard such a sound,
 I dashed out the door to see what was around.
 The moon shone down brightly and lighted the night--
 For sure, propagation for low bands was right.
 I peered towards the roof where I heard all the racket,
 And there was some guy in a red, fur-trimmed jacket.
 I stood there perplexed in a manner quite giddy.
 Just who was this stranger - di di dah dah di di?
 He looked very much like an FCC guy
 Who'd come to check up on some bad TVI.
 I shouted up to him: "OM, QRZ?"
 "Hey, you by the chimney, all dressed up in red."
 I suddenly knew when I heard sleigh bells jingle,
 The guy on the rooftop was jolly Kris Kringle.
 He had a big sack full of Amateur gear,
 Which made a big load for the prancing reindeer.
 Transmitters, receivers, for cabinets and racks,
 Some meters and scopes and a lot of coax.
 He said not a word 'cause he'd finished his work.
 He picked up his sack, then he turned with a jerk.
 As he leaped to his sleigh, he shouted with glee,
 And I knew in a moment he'd be QRT.
 But I heard him transmit as he flew o'er the trees:
 HAPPY CHRISTMAS TO ALL, AND TO ALL SEVEN-THREES!