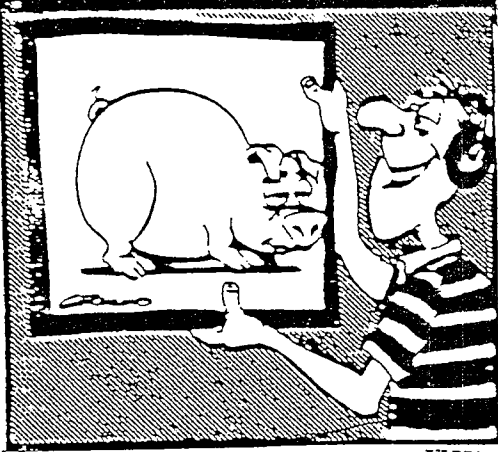


APR 1984

The FRAMINGHAM

FRAMINGHAM AMATEUR
RADIO ASSOCIATION INC.
NEWSLETTER



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|--|----------|
| PRESIDENT - RON EGALKA - K1YHM | 877-4520 |
| V. PRESIDENT - BOB PRESS - KB1EW | 655-1710 |
| TREASURER - DICK MARSHALL - WA1KUG | 877-0563 |
| SECRETARY - JIM BOATES - WA1UEH | 429-1774 |
| ACTIVITIES - JOHN MACLEOD - WA1IGL | 877-2717 |
| CORPORATION COUNSEL - A. MARSHALL | 736-5094 |
| ASSOCIATION CALLSIGN - W1FY | |
| MAIL ADDRESS; P.O. BOX 3005, FRAMINGHAM, MA 01701 | |
| THE FRAMINGHAM AMATEUR RADIO ASSOCIATION MEETS | |
| THE FIRST THURSDAY OF THE MONTH AT 7:30 P.M. AT | |
| THE DANFORTH MUSEUM. ALL AMATEURS AND PERSONS | |
| INTERESTED IN AMATEUR RADIO ARE INVITED TO ATTEND. | |
| EDITOR - JIM BOATES - WA1UEH | 429-1774 |
| 29 CENTRAL STREET, HOLLISTON, MA. 01745 | |

THE NEXT MEETING OF THE FRAMINGHAM AMATEUR RADIO ASSOCIATION WILL BE HELD ON THURSDAY, APRIL 6TH 1984 AT THE ASSOCIATION STATION LOCATED IN THE DANFORTH MUSEUM.

THE SPRING FLEA MARKET WILL BE HISTORY AT THIS MEETING AND DICK MARSHALL WA1KUG, OUR TREASURER WILL GIVE HIS FULL REPORT AND THE AMOUNT OF MONEY WE CAN DONATE TO THE DR. CARLTON CROSBY MEMORIAL SCHOLARSHIP WILL BE ESTABLISHED. MRS. CARLTON CROSBY HAS MADE ANOTHER SUBSTANTIAL DONATION TO THE FUND AND MRS. AL SCHALTEBRAND HAS MADE A DONATION TO THE AL SCHALTEBRAND MEMORIAL STATION, THESE FUNDS WILL BE USED FOR IMPROVEMENTS TO THE ASSOCIATION STATION.

WITH THESE DONATIONS, AND WE HOPE A SUCCESSFUL FLEA MARKET THE SCHOLARSHIP FUND SHOULD BE IN THE BEST SHAPE SINCE IT WAS STARTED.

THIS IS THE SURPRISE NIGHT SO DON'T MISS IT.....

**** ANNUAL DINNER ****

ON SUNDAY, MARCH 18TH OUR ANNUAL DINNER DANCE WAS HELD AT THE MEDWAY VFW HALL. ABOUT 75 MEMBERS AND GUESTS ATTENDING AND A GOOD TIME WAS HELD BY ALL.....

RON EGALKA K1YHM, OUR PRESIDENT HAD A FEW WORDS OF GREETING AND WISDOM AND INTRODUCED BOB PRESS KB1EW, OUR V. PRESIDENT WHO PRESENTED BEAUTIFUL ENGRAVED PLAQUES TO LEW NYMAN K1AZE AND KAREN NYMAN KA1BYP THANKING THEM FOR THEIR EFFORTS THAT MADE THE FRAMINGHAM RADIO ASSOCIATION THE LIVELY GROWING ORGANIZATION IT HAS BECOME.

AT A BOARD OF DIRECTORS MEETING, THE BOARD VOTED UNANIMOUSLY TO PRESENT THE PLAQUES AND LIFE MEMBERSHIPS TO THE NYMANS. AS YOU KNOW, YOUR EDITOR DOES NOT USUALLY APPROVE OF ACTIONS TAKEN BY THE BOARD WITHOUT APPROVAL OF THE MEMBERSHIP, BUT IN THIS INSTANCE WE WANTED TO SURPRISE THEM. AND IT WORKED!!! I'M SURE THE MEMBERSHIP APPROVED OF OUR ACTIONS.....

**** CLASSES ****

APRIL 14TH WILL SEE THE END OF OUR TECH/GENERAL CLASSES, THAT BEGAN IN JANUARY WITH MOST OF THE STUDENTS READY FOR UPGRADING. IT HAS BEEN A LONG HAUL FOR ED WEISS W1NXC AND JIM BOATES WA1UEH WHO HAVE GIVEN UP THEIR SATURDAY MORNINGS FROM SEPTEMBER TO APRIL, STARTING WITH THE NOVICE CLASSES UP THROUGH THE TECH/GENERAL CLASSES.

WE HAVE GAINED ABOUT TEN NEW MEMBERS FOR THE ASSOCIATION WHO ARE TAKING PART IN OUR EVENTS.

IF YOU HAVE NEVER VISITED OUR CLASSES DROP DOWN SOME SATURDAY MORNING AND HAVE A DONUT AND COFFEE, TEA OR COCO WITH US.....

**** PARA FACTS ****

THE LOCAL CHAPTER OF THE AMERICAN RED CROSS HAS REQUESTED THAT WE PROVIDE A MINIMUM OF TWO OPERATORS FOR THE FOLLOWING TOWNS. FRAMINGHAM, HOLLISTON, HOPKINTON, ASHLAND AND MEDWAY. TO BE CALLED BY THEM IN SITUATIONS ONLY THEY ARE INVOLVED IN, SUCH AS FIRE, FLOOD, STORM OR OTHER DISASTER SITUATION IN THAT LOCALITY.

THE REASON FOR A MINIMUM OF TWO IS, ONE OPERATOR AT THE SITUATION AND THE OTHER OPERATING FROM WHEREVER RD CROSS HEADQUARTERS MAY BE. IN SHORT, ONE OPERATOR AT THE SITE OF THE DISASTER AND ONE CONTROL OPERATOR WHO COULD IF NECESSARY CALL IN ADDITIONAL HELP.....

THE RED CROSS HAS REQUESTED FOUR OR FIVE AMATEUR OPERATORS FOR THE MARATHON, TO PROVIDE COMMUNICATIONS FOR AMBULANCES AND FIRST AID STATIONS, THIS WILL NOT BE THE CHINESE FIRE DRILL OF SEVERAL YEARS AGO.

~~FAAREN WOULD LIKE TO WORK THIS DIRECT IF POSSIBLE AND TO USE THE 147.15/.75 MACHINE FOR CRITICAL TRAFFIC ONLY. MAC WA1IGL CAN USE MOBILES AND WALKIES FOR THIS JOB, SO, IF YOU CAN HELP PLEASE CONTACT HIM.....~~

THE MARCH OF DIMES REQUESTED COVERAGE FOR ABOUT SIX HOURS ON SUNDAY APRIL 29TH. WORKING THE VARIOUS CHECK POINTS AND BY BICYCLE OR PEDESTRIAN MOBILE. WE HVE ALWAYS DONE A BANG UP JOB IN THE PAST SO, LET'S NOT REST ON OUR LAURELS BUT DO IT AGAIN.....

THE ALEPPO TEMPLE AMATEUR RADIO ASSOCIATION IS IN DIRE NEED OF OPERATORS DURING THE WEEK OF JULY 4TH. THE NEED IS GREATEST ON JULY 4TH FOR THE DAYTIME PARADE AND ON JULY 5TH FOR THE NIGHT PARADE IN BOSTON.

THIS EVENT IS GOING TO REQUIRE 150 OPERATORS FOR HOTELS, AIRPORTS, PARADE DISPATCHING, POTENTATES VEHICLES AND A HOST OF OTHER ASSIGNMENTS.

THIS SHOULD BE A GOOD TIME AS WELL AS DOING YOUR PART FOR CRIPPLED AND BURNED CHILDREN. SO, IF YOU CAN HELP OUT FOR ALL OR PART OF THE TIME. PLEASE CONTACT: JOHN MACLEOD WA1IGL AT HIS HOME PHONE 877-2717 OR HIS BUSINESS PHONE IS 875-9987.....

1984 MASSACHUSETTS QSO PARTY

SPONSORED BY THE PILGRIM AMATEUR WIRELESS ASSOCIATION

~~THE MASS. QSO PARTY WILL BEGIN ON APRIL 28 AT 1600 UTC, AND WILL END ON APRIL 29 AT 2400 UTC....~~

A STATION MAY BE WORKED ONCE PER BAND. PHONE AND CW ARE SEPERATE BANDS. ALL CW CONTACTS IN CW BAND ONLY. NO CROSS BAND OR REPEATER CONTACTS PERMITTED.

EXCHANGE: MASS. STATIONS SEND, RST, COUNTY, AND (IF MEMBER OF P.A.W.A.) OUT OF STATE STATIONS SEND, RST AND STATE OR VE PROVINCE.

SCORING: ALL STATIONS COUNT 2 POINTS ON SSB, AND 4 POINTS ON CW. MASS. STATIONS; QSO POINTS X (MASS. COUNTIES WORKED, STATES, VE PROVINCES AND F.A.W.A. CLUB MEMBERS. OUT OF STATE STATIONS; QSO POINTS X (MASS. COUNTIES WORKED AND F.A.W.A. CLUB MEMBERS.)

SCORING: MULTIPLIER CREDIT FOR P.A.W.A. CLUB MEMBERS WORKED MAY BE COUNTED ONLY ONCE. MOBILES AND PORTABLES MAY BE COUNTED AS NEW CONTACTS EACH TIME A COUNTY CHANGE TAKES PLACE.

AWARDS: CERTIFICATES WILL BE AWARDED TO 1ST, 2ND, AND 3RD PLACE WINNERS IN EACH MASS. COUNTY, STATE OR VE PROVINCE, AND TO THE HIGH NOVICE STATION FROM EACH STATE.

A PLAQUE WILL BE GIVEN TO THE STATION IN MASS. WHO SUBMITS THE HIGHEST NUMBER OF QSO'S BETTERING THE RECORD OF 1483 NOW HELD BY K1GSK IN THE 1979 MASS. QSO PARTY.

SUGGESTED FREQUENCIES: SSB AND CW - 20 KC FROM THE BOTTOM OF THE GENERAL PORTION OF THE BAND, AND IN NOVICE PORTION ON CW.

LOGGING: ALL LOG TO CONTAIN DATE, TIME, BAND, MODE, CALLSIGN, STATE AND PROVINCE WORKED, AND EXCHANGE RST. SUBMIT SUMMARY SHEET WITH LOGS. SUMMARY SHEET INFORMATION: NAME, CALL, MAILING ADDRESS, AND COUNTY IF FROM MASS. TOTAL QSO POINTS, MULTIPLIERS CLAIMED AND TOTAL SCORE. ALL ENTRIES WITH MORE THAN 100 QSO'S PLEASE SEND A DUPE SHEET.

DEADLINE FOR MAILING IS MAY 31ST, 1984. FOR AWARDS AND RESULTS SEND 40 CENTS POSTAGE, NO ENVELOPE TO K1KJT, ED PETERS, 29 GREENBRIER DRIVE, NEW BEDFORD, MA. 02745.....

*** TECHNICAL STUFF ***

1. BEWARE THE LIGHTNING THAT LURKETH IN AN UNDISCHARGED CAPACITOR LEST IT CAUSE THEE TO BOUNCE UPON THY BUTTOCKS IN A MOST UNPROFESSIONAL MANNER.
2. CAUSE THOU THE SWITCH THAT SUPPLIETH LARGE QUANTIES OF JUICE TO BE OPENED AND THUSLY TAGGED THAT THY DAYS MAY BE LONG IN THIS EARTHLY VALE OF TEARS.
3. PROVE TO THYSELF THAT ALL CIRCUITS THAT RADIATETH AND UPON WHICH THOU WORKETH ARE GROUNDED AND THUSLY TAGGED LEST THEY LIFT THEE TO RADIO FREQUENCY POTENTIAL AND CAUSETH THEE TO MAKE LIKE A RADIATOR TOO.
4. TARRY THOU NOT AMONGEST THOSE FOOLS THAT ENGAGE IN INTENTIONAL SHOCKS FOR THEY ARE SURELY NON-BELIEVERS AND ARE NOT LONG FOR THIS WORLD.
5. TAKE CARE THOU USETH THE PROPER METHOD WHEN THOU TAKETH THE MEASURE OF A HIGH VOLTAGE CIRCUIT SO THAT THOU DOST NOT INCINERATE BOTH THEE AND THY METER; FOR VERILY, THOU ART EXPENDABLE AND CAN EASILY BE REPLACED, THE METER IS NOT AND AS A CONSEQUENCE BRINGETH MUCH WOE UPON THE DEPARTMENT.
6. TAKE CARE THOU TAMPERETH NOT WITH INTERLOCKS AND SAFETY DEVICES FOR THIS INCURRETH THE WRATH OF THY SUPERVISOR AND BRINGETH THE FURY OF THE MAJOR DEPARTMENT HEAD UPON THY HEAD AND SHOULDERS.
7. WORK THEE NOT ON ENERGIZED EQUIPMENT, FOR IF THOU DOST SO THY COMARADES SURELY WILL BE BUYING BEERS FOR THY WIDOW AND CONSOLING HER IN CERTAIN WAYS NOT GENERALLY ACCEPTABLE TO THEE.
8. VERILY, VERILY I SAY UNTO THEE, NEVER SERVICE EQUIPMENT ALONE FOR ELECTRICAL COOKING IS SOMETIMES A SLOTHFUL PROCCES AND THOU MIGHT SIZZLE IN THINE OWN FAT UPON A HOT CIRCUIT FOR HOURS ON END BEFORE THY MAKER SEES FIT TO END THY MISERY AND DRAG THEE INTO HIS FOLD.
9. TRIFLE THEE NOT WITH RADIOACTIVE TUBES AND SUBSTANCES LEST THOU COMMENCE TO GLOW IN THE DARK LIKE A LIGHTNING BUG AND THY WIFE BE FRUSTRATED AND HAVE NO FURTHER USE FOR THEE EXCEPT FOR THY WAGES.
10. COMMIT THOU TO MEMORY ALL THE WORDS OF THE PROPHETS WHICH ARE WRITTEN DOWN IN VARIED AND SUNDRY MEMORANDUMS AND WHICH GIVETH OUT THE STRAIGHT DOPE AND CONSOLOTH THEE WHEN THOU HAST SUFFERED A REAM JOB BY THY GROUP LEADER.....ANON.....

OLD TIMER ELMER GRUNT LECTURED ON THE 26-DIT CODE SYSTEM LAST WEEK AT THE TRADITIONAL RADIO AMATEUR PROGRAM CLASS "C" LICENSE CLASS. GRUNT EXPLAINED TO THE STUDENTS THAT EARLY RADIO OPERATORS DID NOT IMMEDIATELY ADOPT THE MORSE CODE, BUT FIRST USED THE 26-DIT CODE INSTEAD FOR MANY YEARS. IN THE 26-DIT CODE, EACH LETTER OF THE ALPHABET WAS ASSIGNED A CORRESPONDING NUMBER OF DITS. THAT IS A=. B=.. C=... AND SO ON. "ALTHOUGH POPULAR," GRUNT SAID, "THE 26-DIT CODE WAS SOMEWHAT CUMBERSOME," GRUNT WENT ON TO TELL THE CLASS HOW THE 26-DIT CODE WAS REPLACED BY THE "DIT AND SPACE" CODE IN 1879. THIS CODE SYSTEM WAS DIFFERENT IN THAT IT REQUIRED A MAXIMUM OF ONLY 13 DITS TO FORM A CHARACTER, THESE DITS WERE USED IN COMBINATION WITH 13 SPACES WHICH WERE PERFORMED IN THE CARRIER-OFF OR KEY-UP MODE. FINALLY, BEFORE THE TURN OF THE CENTURY, ANOTHER CODE SYSTEM, THE "NO-DIT", ALL-SPACE" CODE WAS BRIEFLY TRIED. IT WAS THE SIMPLEST OF ALL AS IT REQUIRED NO DITS. ALL CHARACTERS WERE FORMED IN THE KEY-UP MODE. IN FACT, NO KEY WAS NECESSARY, UNFORTUNATELY, THIS CODE, WHILE USING VERY LITTLE SPECTRUM SPACE, WAS VERY DIFFICULT TO COPY AND NEVER GAINED ACCEPTANCE AMONG HAMS OF THE DAY. STILL, NOW AND THEN ON STRAIGHT KEY NIGHT, ONE IS LIKELY TO HEAR AN OLD TIMER LIKE ELMER GRUNT GET ON THE AIR WITH THE 26-DIT CODE, THE DIT AND SPACE CODE OR THE NO-DIT, ALL SPACE CODE.

**** AMATEUR RADIO VOCABULARY ****

PARASITIC ELEMENTS: A COMMON PROBLEM, USUALLY MISTLETOE GROWING ON YOUR DIPOLE.

PUSH-PULL AMPLIFIER: CAN BE IDENTIFIED BY THE HANDLE ON EACH END OF THE CASE.

ANTENNA FEED: BEST TO USE IS POWERED ALUMINUM. IN A PINCH, KIBBLES 'N BITS WILL DO.

DIGITAL LOGIC: COUNTING ON YOUR FINGERS IS PERMITTED IN FCC EXAMS, HOWEVER, SQUARE ROOTS AND EXPONENTIAL NUMBERS ARE NOT RECOMMENDED UNLESS YOU ARE DOUBLE JOINTED.

FERRITE BEADS: HIGHLY POISONOUS BAIT FOR FERRITES, SMALL NOCTURNAL ANIMALS WHICH FEED ON COAXIAL CABLE. HANDLE THIS STUFF WITH RUBBER GLOVES.

DECAY TIME: LITTLE KNOWN PROPERTY OF INTEGRATED CIRCUITS. THE NUMBER OF DAYS AN IC WILL CONTINUE TO FUNCTION BEFORE ITS INSIDES ROT OUT. THIS TIME MAY BE SLOWED DOWN BY KEEPING YOUR RADIO IN AN ICEBOX. USE OF COLD SOLDER JOINTS ON IC CIRCUITS WILL HELP SLOW DOWN THIS DECAY TIME.

FREQUENCY RESPONSE! YOUR PERCENTAGE OF CONFIRMED QSO'S. MORE EXACTLY THE NUMBER OF QSL'S YOU HAVE RECEIVED DIVIDED BY THE NUMBER YOU HAVE SENT OUT, MULTIPLIED BY 100. 25% IS DOING GOOD OUTSIDE OF THE NOVICE BAND, 99% IS POOR IN THE NOVICE BAND.

WHEATSTONE BRIDGE: SMALL VILLAGE IN NORTHERN ENGLAND WHERE MARCONI'S FIRST RADIO SIGNALS WERE RECEIVED.

POLARIZATION: OPERATION OF A RADIO IN COLD ENVIRONMENT. CW IS USUALLY NOT USED IN EXTREMELY COLD ENVIRONMENTS AS THE DITS AND DAHS TEND TO STICK TOGETHER.

CHEBYSHEV FILTERS: RUSSIAN CIGARETTES. BETTER THAN IRC'S FOR GETTING QSL'S BACK.

CARRIER FREQUENCY: A BIT REDUNDANT; THE FIRST SHIP EQUIPPED WITH A RADIO.

RF SUPPRESSION: A RECENT ATTEMPT TO PUT RESTRICTIONS ON POWER LEVELS THAT ARE PRESENTLY PERMITTED. HEADED BY SEVERAL CONSUMER ADVOCATES, THEIR DATA WAS INDICATIVE THAT VHF AND HIGHER RADIO WAVES WERE HAZARDOUS TO YOUR HEALTH. FOR FURTHER REFERENCE SEE THE BOOK, "INVISIBLE ENEMY".

DIPOLE ANTENNA? ANY ANTENNA THAT IS SUSPENDED BETWEEN TWO POLES, HENCE THE NAME DIPOLE.

FOLDED DIPOLE: A DIPOLE THAT HAS NOT BEEN TAKEN OUT OF THE BOX YET.

CONFUSION SAY: WHEN YOUR MIND GOES BLANK, TURN DOWN THE AUDIO GAIN.....

**** SWAP AND SHOP ****

FOR SALE: A COMPLETE "DRAKE" AMATEUR RADIO STATION THAT COVERS 80 THROUGH 10 METERS, A R4B RECIEVER AND A T4XB TRANSMITTER, POWER SUPPLY, SPEAKER, MICROPHONE, ALL CONNECTING CABLES, MANUALS AND SPARE TUBES. A GREAT RIG FOR A NOVICE OR AN AVID DXer, ALL YOU NEED TO GET ON THE AIR IS A WALL PLUG AND AN ANTENNA. THIS EQUIPMENT IS ALL IN "A" ONE CONDITION. TO WORK THE WORLD, PLEASE CONTACT DICK WEISSEL, WA1HRV AT 655-2366.....

FOR SALE: A KDK 2016A SYNTHESIZED 2 METER TRANSCIEVER, COMPLETE WITH TOUCHTONE MICROPHONE AND MANUAL. HAS HIGH-LOW POWER SWITCH 1 TO 3 WATTS AJUSTABLE ON LOW POWER, 15+ WATTS ON HIGH POWER. FOUR PROGAMABLE MEMORIES, RIT, SCANS FOUR CHANNELS. CAN EASILY BE ALTERED FOR CAP AND MARS FREQUENCIES, IN PERFECT CONDITION. FOR MORE INFO PLEASE CONTACT DICK WEISSEL WA1HRV AT 655-2366.

*** MORE TECHNICAL STUFF ***

FEDERAL COMMUNICATIONS COMMUNICATOR MARVIN LARPSNOGG ANNOUNCED YESTERDAY THAT BUDGET CUTBACKS BY WASHINGTON WILL IMPACT HAM BAND ACTIVITY. LARPSNOGG STATED THAT THE UNANNOUNCED SHUTDOWN OF THE TEN METER BAND LAST TUESDAY WAS ONLY A SAMPLE OF THINGS TO COME. U.S. AMATEURS QUICKLY NOTED THE EVENT. COMMENTS HEARD ON FIFTEEN METERS RANGED FROM STATEMENTS LIKE, "TEN IS DEAD THIS MORNING!" TO "CAN'T EVEN GET ACROSS TOWN ON TEN TODAY!" LARPSNOGG SAID THE BAND CLOSURES WILL BE UNANNOUNCED AND MORE FREQUENT AND ARE RELATED ONLY TO CUTBACKS. "THERE IS ABSOLUTELY NO CONNECTION WITH GOVERNMENT PROGRAMS TO LIMIT FOREIGN IMPORTS, ALTHOUGH THE JA PREFIX WILL BE THE FIRST TO FEEL THE CUTBACKS," HE EXPLAINED.

THIS IS NOT THE FIRST TIME THAT AMATEURS HAVE BEEN AFFECTED BY GOVERNMENT SPENDING PRIORITIES. DURING THE LATE 1960'S, MASSIVE FUNDING WAS DIRECTED TO THE U.S. LUNAR LANDING PROGRAM AND AWAY FROM SOLAR SUNSPOT SUPPORT PROJECTS. THE CONSEQUENCES WERE FELT BY AMATEURS WORLD WIDE WITH LOWERED SUNSPOT ACTIVITY CONTINUING FOR ALMOST FIVE YEARS.

MR. LARPSNOGG PREDICTED THAT UNLESS FUNDING POLICIES ARE REVERSED WE WILL SEE FEWER AND FEWER DAYS WHEN THE HIGHER MAINTENANCE COST BANDS LIKE TEN AND SIX METERS WILL BE OPENED UP. IN RESPONSE TO FURTHER QUESTIONING, LARPSNOGG POINTED OUT THAT IN THOSE INSTANCES WHERE MAINTENANCE FUNDING HAS BEEN COMPLETELY CUT OFF, BANDS LIKE 10 GHZ AND 220 MHZ HAVE BEEN DEAD FOR YEARS. "OUR FUNDING FOR 220 MHZ WAS ONLY \$14,98 LAST YEAR WHICH WAS NOT ENOUGH FOR A SINGLE OPENING, HE SAID.....

AS THE RESULT OF A "HUSH-HUSH" ARCHEOLOGICAL PROJECT CARRIED OUT IN THE SUB-SAHARAN NATION OF AFRODESIA, THE WORLD'S OLDEST FOSSIL RECORD OF THE 20 METER BAND HAS BEEN DISCOVERED INTACT IN A DRY RIVER BED NORTH OF THE AFRODESIAN CAPITOL CITY OF CAPITOL. ACCORDING TO CHIEF ARCHEOLOGIST DR. ORDOVICIAN K. TRILOBITE, OF THE WELL KNOWN NATIONAL TROPOGRAPHIC SOCIETY, TEST USING RADIO-CARBON DATING HAVE PROVEN BEYOND DOUBT THAT THE 20 METER BAND IS FAR OLDER THAN THE EARLIEST KNOWN CRYSTAL SETS. THIS STUNNING SCIENTIFIC DISCOVERY HAS GIVEN THE "THEORY OF HAM EVOLUTION" BY KARL SPRAX A SERIOUS SETBACK.....

THE LID WITH NEW KEYS SO FLASHING
GIVES OLD SAMEUL'S CODE SUCH A THRASHING
YOU QUIT WITH A GROAN
AND CALL HIM BY PHONE
TO ASK IF HE'S DITTING OR DAHING..

CONFUSION SAY: WE JUST HEARD ABOUT THE PERFECTLY MATCHED COUPLE ON 75 METERS. HE IS A PILL AND SHE IS A HEADACHE....

TNX TO ARNS FOR MOST OF THIS ISSUE.....