



RF-CARRIER

**W8BI
REPEATERS**

146.34/146.94

222.34/223.94

Video

439.25/426.25

Regular Meetings held on the first & third Fridays at 8 P.M. at the Dayton Museum of Natural History, 2629 Ridge Ave., Dayton, OH 45414

OCTOBER MEETINGS

BUSINESS MEETING: OCTOBER 3, 1980 8:00 PM

PROGRAM: DX Forum. Wally Wright AD8N, will act as moderator. Panelists will be Larry, W9SWM, Frank, W8OK, Ron, W8ILC, Mike, WB8IFP. Come and find out how our local pros get the rare ones.

REGULAR MEETING: OCTOBER 17, 1980 8:00 PM

PROGRAM: The program will be presented by QCWA in two parts. The first by Ken Mills, W8RLY, and Carl Yeager, W8DWT, on what is QCWA and the second part by Paul Wiegert, W8TH, will be a panel discussion, appropriate for the time, on malicious interference and what we can do about it. A panel of Amateurs having specialized knowledge in the various facets of the problem will be available to share their thoughts.

SILENT KEY-----BILL INGLING, W8SVI.

President Bill Ingling passed away Tues, Aug. 26 at University Hospital, Columbus, Ohio. Bill had been in failing health for about a year. In addition to his terms as President, he was Publication Chairman for the Hamvention and held many other Hamvention posts. He was also very active in his church and well known in the area Toastmasters clubs.

Whether we remember him for his dedication to DARA, his always ready stories, the fine way he conducted the meetings or his early VHF triumphs, we all have fond memories of him. He will be missed by all.

A memorial fund has been set up at the United Methodist Church in Enon, Ohio.

Our sympathy to the family.

THE PRESIDENT'S COLUMN-----by VIC STAUDER WA2KOO

November will not only be an important month for Reagan, Carter and Anderson but for DARA members too. Several constitutional changes have been recommended to the Board which I will briefly outline: First, a dues increase to the five - six dollar range was suggested, bringing our membership structure to a more realistic level. Next a change in the election process to more specifically outline the exact procedures to be followed. The last change would move the installation of officers from September to the night of the election. There will be open discussions at the next DARA meetings concerning these proposed changes if you care to comment before the November vote.

Time to start listening to 146.94 again. Although the additional filtering equipment is at least one week away, we have found another way to keep the repeater on from the same site. The receiver coverage is the same, however, the transmitter coverage will be temporarily reduced. If all goes well, the total system should be back in normal operation by early October.

The Westlink system is now operating. The tape changes every Monday or late Sunday evening. Thanks to the efforts of WD8ROE and N8BRX. If you haven't heard it, call 275-9991. The tape lasts about ten minutes.

Hats off to WD8QAD, Judy volunteered to be the Club's Steward. Next meeting coffee and donuts as per usual?

I still have an opening for an Activities Chairman. Anyone interested, contact me as soon as possible so the Club can participate in upcoming contests.

QCWA TO BECOME ACTIVE IN FIGHT AGAINST MALICIOUS INTERFERENCE

Incensed at the growing amount of malicious interference on the Ham bands, the local Dayton-Cincinnati Chapter of QCWA has decided that Amateurs must get into the act if we are to resolve the problem. The rapid deterioration of our hobby has caused considerable concern among the "old timers" who, to a large part, are responsible for the high esteem placed on Amateur Radio around the world.

Since a lot of QCWA members are retired, they are a logical group to become active in this area. The local group has initiated action with the QCWA Hdqrs., recommending that QCWA nationwide act as the coordinating agency for the fight against interference.

A forum was held at the Sept. 9 meeting, moderated by Paul Wiegert, W8TH, where the ramifications of the problem and methods of attack were discussed. Panalists were Bob, W8ZM, Frank, W8OK, Andy W8SR and Bob K8EJI. Planning is still in the formative stage but antenna designs are being studied and organizational concepts reviewed.

Recognizing that the FCC cannot chase down all the offenders, action on a community level basis is necessary if the offenders are to be located. While it is too early to make any predictions, the general consensus is that a coordinated effort between the Govt. and the Amateur Fraternity is essential if we are to be successful in curtailing the current abuses.

VAN OPERATORS NEEDED

A new program for operation of the DARA Van is being developed. Six emergency coordinators have been appointed. Each coordinator will have two teams of 5 people assigned, 3 operators and two drivers. Training in driving or operating or both will be provided.

When the teams are put together, they will be on duty for 2 weeks out of every 12. The only time they will be required to work is when an emergency arises or new training is needed. Now we need volunteers to make up the teams and Amateurs to train others in the art of SSTV and RTTY. We need at least 60 people to properly activate the program. OM-XYL teams are suggested. Anyone interested, call one of the coordinators. They are:

gested. Anyone interested, call one of the coordinators. They are:

Butch	WD8EOL	898-5627
Jim	WA8SVV	836-2263
Greg	WD8AVK	890-8895
Bob	W8UNV	426-2989
Art	WD8ROD	836-4787
Dave	N8BWU	

Butch says "don't waste time and leave it to your neighbor, he may be waiting on you. Ask not what DARA can do, but what you can do for DARA". If the line is busy, call back. Here is your opportunity to get into DARA activities and learn something new.

DARA FALL CLASSES UNDERWAY

The DARA fall classes started on Sept. 17, 1980 at the Museum of Natural History. There are about 30 attending the Tech/Gen class and about 20 in the Novice Class. It's not too late to get in, so if you know of anyone interested, send them over. The classes are held from 7 to 9 PM on Wed, evenings in the Observatory Building. No charge, of course, and you do not have to be a member to attend.

AMATEUR RADIO FOR THE HANDICAPPED

Do you have any friends or family who are seriously handicapped? Their life might be brightened by being able to operate an Amateur Radio Station. Many people who are blind, have missing limbs, are unable to speak, are confined to bed or wheel chairs have received their licenses. They have been given a new lease on life by being able to communicate and make new friends around the world.

There is an organization dedicated to helping these people. It is an international service called Courage Handi-Ham System. It consists of handicapped and able-bodied Amateurs dedicated to bringing the excitement of Ham Radio to persons who otherwise could not make it. The organization provides educational material, close personal supervision, loan of equipment and special devices to allow station operation by the handicapped.

If you want more information, write: Courage Center, Courage Handi-Ham System 3915 Golden Vally Road, Golden Valley, Minn. 5422. The organization needs equipment, working or not, also donations to keep it going. Courage Handi-Ham System currently serves about 1,000 people world-wide.

Sept. 19, 1980

TO THE MEMBERS OF THE DAYTON AMATEUR RADIO ASSOCIATION, INC.

Prior to the installation of newly elected officers at the September 5th meeting of DARA, I was handed a copy of a letter requesting that another election for president be held due to alleged improprieties of the aforementioned election, and therefore questioning the legality of the election and the Club's non-profit status. The Board was made aware of the concern of some members, and at a Board meeting decided the election was valid. The Planning Council submitted to the Board for approval, suggestions to prevent possible improprieties reoccurring, along with some other minor changes that it felt would help Club operations.

I have been on the DARA Board for the past four (4) years due to two years as DARA president followed by two years as director. During these four years, I attended every Board meeting, and want to assure each and every member that during this time, the Board was always cognizant of our non-profit posture and our policy was to guide the Club in a prudent and legal manner, attempting to fulfill the "Purpose of the Organization" as mandated in the Constitution.

I would also like to point out the fact that the Hamvention has an annual budget well over \$100,000.00. Proceeds from the Hamvention finance most of DARA's activities, and your Board, each year carefully selects the General Chairman and Assistant General Chairman so that a continuity of capable, qualified members guide The Hamvention operation. The Board also saw fit to set up a separate corporation for the Communications Van, and thus qualify for a sales tax exempt status.

During my tenure, I feel that the Board has been fully aware of the many facets of DARA interests, and I believe has acted in a responsible manner. I sincerely hope that the membership realizes that the Hamvention is a substantial business operation that subsidizes our Club activities, and the Hamventions past consecutive successes have put many of us in a state of complacency, but profits are not guaranteed. Weather, economy, energy, etc can conceivably cause a Hamvention with a less than anticipated profit, or even a financial loss. Your Board has set up contingency funds so that DARA can survive a possible bad year, pay off binding commitments, and remain in operation. Keep in mind that most of DARA's expenditures further development and interest in Amateur Radio throughout the community, and the world.

I would hope this letter outlines to members my thoughts of the importance of business oriented members as officers. Because this club must continue to run as a successful business in order to accommodate the club in the manner to which it has become accustomed. Please also consider the importance of good nominating committees that will seek out qualified candidates that will represent and lead us.

I sincerely hope that we all can work together this year and into the future, and continue to make DARA the respected and successful club that it is.

Sincerely
Mel Levy, WA8YKV

FCC ACTS AGAINST VIOLATORS

Most Hams are cynical about the ability of the FCC to enforce the law as we see so many offenses and practically no convictions. Auto Call magazine recently published a list of FCC actions which confirms the fact that offenders are being caught and punished:

"Nineteen licensees, two of which were also Amateurs lost their CB and Amateur licenses for unlicensed operation on U.S. Government frequencies between 27.755 and 28.000 Mhz".

"WB7LHR's license was finally revoked by the FCC, effective June 16, as a result of his conviction in January, 1979, for use of abusive and profane language on the air..." HR Report July 18, 1980.

"Threats and indecent language over the air have cost a Niagara Falls amateur \$2,000.00 in fines. After hearing the FBI's evidence, WB2OHC pleaded guilty on all four counts in Federal District Court." HR Report August 1, 1980.

"Indecent language cost WB8NLS his station license and triggered suspension of his General Class operators license for the remainder of its term..." HR Report, July 25, 1980.

In addition, Westlink just announced that over the past several months, three people have been caught jamming the Grizzly Peak repeater near San Francisco and put off the air. Two were Hams and one a bootlegger.

While this is a drop in the bucket, if the FCC budget for next year is approved, there should be additional funds and personnel to step up actions against those who break the law.

COMING EVENTS OF INTEREST IN OCTOBER

Oct. 14 QCWA Lunch Bunch meets at the Celebrity Room, 3145 Far Hills Ave. The time 11:30 AM. Program will be a continuation of the discussion of the QCWA activities in curtailing malicious interference.
18-19 QRP International QSO Party.
25-26 CQWW DX Contest Phone see CQ Magazine for details.

CHASING DX-ANOTHER DXPEDITION PROBLEM -----by Harry, W8KKF

In January a Dxpediton was marred by a plane crash among other problems. September brought forth a Dxpediton to Juan Be Nova Island off the Eastern coast of lower Africa. The Dxpediton was off to a good start on most of Sunday, Septemer 14 with a weak but adequate signal on ten meters. Many locals were successful in the tremendous pile ups. However, come Monday evening nothing was being heard. The rumors seem to indicate that the local island authorities did not honor the operating permits issued in Paris, and apparantly that portion of the DXpediton died. Temporary other steps were planned but at this writing, I have heard of no further ops. That location was 14th on the most wanted list, and I doubt that the position will change much,

A 9U station in Burundi, 16th on the list, was active on CW during mid-September.

The DK2OC, SSB DX net (time around 1130 UTC) should be back on ten meters somewhere around 28750. This net is good for some semi-rare Africian stations.

This morning, listening on 20 SSB before going to work, I heard T2XYL, Tuvalu; an HL in Korea with a 59 signal; KC4AAA who called three CQ's (before ho got an answer) VU2SRC and 8Q7AV (Maldivie Island). Heard in the evening at 0048, 7X5DM on 14204; 0055, ZD7AL on 14215; and about 0200, 2 5VQ's on 14248 and 14261.

Do you need a 5V (Togo)? If so try for list operation, 2100 hours around 21300 on Wed. or Sun.

Do you have outstanding cards from USSR? I find it is about ten months for replies to QSL's sent directly to Box 88 (airmail), although several came in 7 months. I've had somewhere around 70% reply from last summer & early fall. By the way, be sure to have your envelopes on file in Columbus.

For any DX'er I strongly urge that you subscribe to one of the specialized DX newsletters. One recent issue carried reports on over 120 countries showing frequency, time and dates heard. Most of these are those beyond the easy first 60-70 countries. This can give you a good idea as to where and when to listen for those on your needed list. Check with the DX'ers at the meeting for recommendations.

PHASE II FCC LICENSE FEE REFUNDS-----H. R. Report

More FCC license fee refunds are to begin shortly, as the Commission begins Phase II of its fee refund program. Under the Phase II program, all applicants who paid the FCC license fees of more than \$4.00 but less than \$20.00 between August 1, 1970 and February 28, 1975 are eligible for refunds. Almost all Amateurs who held licenses during that period should have a refund coming, but CBers, whose license was only \$4.00 will not.

To apply for a refund, request an instruction book with refund form from any FCC Field Office, or write the FCC Fee Refund Program (Phase II), Box 19209. Applications will be accepted until December 15, 1982, though applicants are urged to submit requests before next Septemer 1. As a very large number of requests are expected, applicants should expect considerable delay.

Phase I of the refund program, recently completed, resulted in about \$49,000,000.00 being returned to FCC licensees. Phase I covered only fees of \$20.00 or above.

VAN ACTIVITIES-----by John Kovacs, WD8EOL & Dave Morter, N8BWU

The Van participated in two area events this month. The Heritage Day Parade in Trotwood and the Clark County Amateur Radio Association exhibit at the Upper Valley Mall, Springfield, Ohio.

There were 113 floats and marching units in the parade. DARA operators were: Jack, W8KDY, Ron, WDBPSE, Greg, WDBAVK, Mark N8AJR, Dave N8BWU and Butch, WD8EOL. Bob WA8BOT provided cold refreshments for the crew after the parade. The parade chairman appreciated the DARA assistance and indicated that the operation would not have been as easy without the communication assistance.

Low power at the Nail created problems and caused the Van to operate on emergency power. CCARA supplied some operators to work in the Van and demonstrate the equipment. About 300 people toured the Van the two days it was on display.

WHERE ARE THEY NOW?

Former Daytonian and R.F. Carrier Editor, Ev. Taylor, W6DOR, ex (W8NAF) has made a hobby of tracing former Dayton area Hams who have moved from the area. He has graciously provided us a list of former DARA members. Who knows that missing friend of yours may be in the list. At the least it should bring back memories to a lot of our "old timers" and possibly rekindle some old friendships.

W1FDH	Jack Anderson	64 Hitchcock Ln., Avon, Ct. 06001 (USAF WPAFB)
K4AMG (W8QDI)	Bob Siff	14 N. Washington Dr., Sarasota, Fl. 33577 (WPAFB)
K4GYG (W8BOL)	Ed. Davis	375 Lisbon Ave., Rio Rancho, N.M. 87124
WA4HPT (W8ABG)	Arbec Hal Halldorson	819 Moreland Ave. Perry, Ga. 31069 (Gentile)
WA4JIR (W8GFN)	Joe McNutt	1006 N. Davis Dr., Perry, Ga. 31069 (Gentile)
K4JWE (W8MCH)	Dick Mosca	Bx. 885, Stuarts Draft, Va. 24477 (OH State Patrol)
W4OXC (K8DBB)	Dave Morrison	12012 Gray Hill Dr., Fairfax, Va. 22030 (Gentile)
K4RQX (W8HOX)	Howard Robison	1265 Franklin St., Cocoa, Fl, 32922 (WPAFB)
K4UN (WA8RSS)	Ludlow (Pappy) Hallman	20 Stonebridge Rd., Dotham, Al, 36301 (WPAFB)
W5FH (W8VMJ)	Lowell Dibble,	4724 Oakshire So., Houston, Tx. 77027
W5HD	Hugh Winter	12009 St. Marys Dr.N.E., Albuquerque, N.M. 87111
K5HRG (W8WXT)	Ed Earlywine	10201 Proppa Dr., Albuquerque, N.M. 87112 (Gentile)
W5NUI (W8WUZ)	Jim Prine	2152 37th St., Los Alamos, N.M. 87544 (WPAFB)
W5ULJ (W8ZSK)	Claude Hartman	13730 Landmark Hill, San Antonio, Tx 78217 (Union Depot)
W5UZU (W8TPL)	Warren Perkins	3819 Zion Ct., NE. Albuquerque, N.N. 87111 (NCR)
W5VUU (W8CEA)	Bob Shupp	153 Yucatan, Weslaco, Tx, ?8L596
WD6AET	Jane Plak XYL of W6TIK	Box 966 San Narcos, Ca. 92609
KA6BST	Jerry Plak, son of	
	WD6AET & W6TIK	2317 Blake St. No. 12 Berkley, Ca. 94704
K6DEB (W8ZTO)	Emmanuel Blasi	P.O. Box 101.5 Clear Lake, Ca.. 95451 (WPAFB)
W6DOR/W7BYF		
(W8NAF)	Ev. Taylor	2921 Loyola Dr. Davis, Ca, 95616 (WPAFB & Gentile)

We will have more names next month.

CELLULAR RADIO---WHAT ARE THEY TALKING ABOUT?-----condensed from the W5Y1 Report

We keep tripping over this term in publications and so researched the subject. Since it will be reappearing more frequently in the future, we should be familiar with what it means. In 1974, the FCC set aside a band of frequencies for a new radio telephone system called "cellular radio". The cellular concept divides communication service into smaller areas called grids. Each grid has its own cell site with a low powered FM transmitter, receiver and control lines which tie into AT&T's giant switched telephone network. (Somewhat similar to our autopatch system).

Illinois Bell Telephone and American Radio Telephone Service have had successful test programs in operation for some time. Mobile telephone service today is filled to capacity with waiting lists. Under the present system, you cannot reuse frequencies at sites closer than 75 miles apart. Under the proposed cellular system which has evolved, they will use frequencies in the 800-900 MHz range with transmitters hooked into the switched wireline telephone network every 8-10 miles in radius. Eliminated is the need for high power, lower frequency, wider coverage service. Micro processors automatically "hand off" phone calls to other grids once a user passes through a cell zone. The main advantage of the system is its ability to reuse the same transmission frequency in non-adjacent cells, greatly expanding the number of potential users, while the present system can handle about 1,000 mobile phones a cellular system can handle 100,000 in the same area. Experts predict that the new technology will take care of mobile/portable phone needs for the next 20-30 years. In addition to AT&T, Motorola and E.F. Johnson are also deeply involved in developmental work.

The technology is here but how the choice plum will be divided is still up in the air. American manufactures are all interested in this lucrative area with the Japanese watching closely over our shoulders.

It is now time for FCC action. The final comment period ended July 3, 1980. The comments from individuals, firms and agencies cover 21 giant volumes, some 12 feet thick. None the less, it will be with us in the future, just when no one is sure.

SILENT KEY

Czar Kessler, K8BPB, passed away Sept. 5 after a short illness. A retired WPAFB employee he was a Ham for over 20 years. He served on the DARA education committee for some years and had been active in Hamvention activities. Our sympathy to the family.

BITS AND PIECES

We understand that Ron Pretekin, AB8K's four year old daughter, Jodi, has been selected as the Ohio Easter Seal Poster Child for 1981. Her picture should be around soon as the yearly solicitation letters are now being sent out by The Society. Jodi was born with Spina Bifida, a birth defect involving the incomplete formation of the spine. She very much enjoys "helping" Ron on the air and as a result, can count Hams or Junior Ops around the world as her friends.

A card from John Basilotto, DA1VJ (WA8ZAN) now stationed in Germany sets up a new operating schedule on Wed. 1600 hrs. and Sat. 1000 hrs. Dayton time on 21340 + 1.5. Everyone invited to participate.

HAM MART

For Sale-- From the estate of Bill Ingling W8SVI, Drake B4 receiver, Drake T4X trans., Drake power supply for T4X, Drake speaker in cabinet, Drake CC-1 console power supply and 2 meter converter (CC-2), Drake Linear Amp. with power supply, Drake TR-33 2 meter transceiver, Drake W-4 wattmeter, Drake WV-4 wattmeter, Turner 254-C mic, Homebrew phone patch, Staco RPS-6 power supply (12 volts at 6 amp.), B&W grid dip meter, Comaire antenna tuner, Triplet VOM model 666R, Micronta VOM, Simpson VOM model 260, Hallicrafters Super Defiant receiver with speaker. Contact Charles Bost, W8KJT, Springfield, Oh. 513-325-5918 weekdays after 8:30 PM or on weekends. Please do not contact Mrs. Ingling.

For Sale--Estate of Lester Henry WA8MEY TR/DR 7 Transceiver with RV 7 remote VFO, PS 7 power supply, SL500 CW filter, FA7 fan, SL6000 AM filter, AUX. 7 program board, MN7 matching network and service manual, Call Tom WA8VZB at 293-4486.

For Sale--Millen Transmatch, Two element 10-15-20 Quad WB8VYL Bob, 878-1525

R.F. CARRIER for OCTOBER 1980
R. R. McKay N8ADA, Editor 277-2172
Dayton Amateur Radio Association
P. O. Box 44
Dayton, Ohio 45401

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SINCE THE HAMVENTION.

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