

FEBRUARY 1981

PRESIDENT'S MESSAGE

February's General club meeting will be held on the 4th, at the American Legion Hall in Franklinville. Our speaker will be Howard Miller, N2MM, who is a member of the Frankford Radio club, and has participated in several of their DXpeditions. His talk and slide show will highlight contest activities at 9Y4 and HKØ.

The Hamfest Committee is now being formed. Harry, WB2GSF, will be looking for volunteers. The usual enthusiastic participation is expected.

Prospective Members? Direct them to John, K2Jf, our membership chairman.

Starting with this issue, Crosstalk's new editor is Doug, WA2NPD. Jack, AB2W, will continue to provide the printing and Roslyn, N2AKL, will provide collating, stamping, etc. And, very recently, we were pleased to learn that Doris, XYL of Bill WA2VEE, will handle the typing. Our sincere thanks to you all.

What should the long range goals of the club be? Are you happy with our current arrangements for a meeting location? These and other burning questions will be addressed in the 1981 GCARC Questionnaire, which will be handed out at the February meeting. Come out, fill out the questionnaire, and make your feelings known.

My sincere thanks to those of you who have accepted positions or chairmanships. Let's support these people and our club activities for 1981.

Don't forget about dues, only \$7.50 if paid before April.

The next Board of Director's meeting will be held on February 18th at the home of Josh, AE2L,

73, Tom/KE2M

CLUB CONS HAM INTO BEING NEW
EDITOR

After nearly three years of faithfully serving as Editor (together with printer, typist, circulation, etc.) Jack, AB2W, was finally let off the hook as Editor, (he will still continue as printer) of X-Talk following a clever con job by your new president and board. The new editor will be Doug, WA2NPD, who formerly served in this capacity during the 1969-74 era. Gehring agreed to take the job when it was made clear that the older club members, by now, have forgotten his past rhetorical bumbling and that the preponderance of new members could hardly have been exposed to his sinful verbiage of the past. Hence, the road hardly is clear as it were. Tom's, KE2M, hammerlock produced the inevitable "uncle" and, thus, a new WA2NPD era begins. But hardly without a "team" effort. With Doris (VEE'S) XYL at the typewriter, Jack, AB2W, at the press, and Roz, N2AKL heading up circulation, the smooth functioning of this crew will insure prompt delivery of your monthly "blurb." So send me your stuff.

Doug Gehring, WA2NPD,

73 WA2NPD

CONTESTS

Don't forget the big one coming up: the ARRL International DX Contest: CW on Feb. 21-22 and phone on March 7-8. The big W2SUA Trophy is awaiting the top club scorer. Also, don't forget to turn in your VHF scores to K2HPV so as credit can be recorded. See Herb for logs at the Feb. Meeting.

DE Herb/K2HPV

For Sale: 50 ft. morrison tower, two years old. 1979 Moped.

PROPAGATION FORECAST

for
FEBRUARY 1981

I hope you all brought in the New Year in a fine manner and the year will be good to you in all respects.

Well, some of us had some fun over the week-end of January 17 to 19 th in the VHF SS contest. Sorry Ray (WB2LNR and Ed (WA2PFC) that Six wasn't any better; oh well, we can always look forward to the June contest. All of you fellows who did participate in the contest PLEASE send: 1. A copy of you Front sheet to Herb (K2HPV) for Meg-A-Points. 2. don't forget to send a copy of your Front sheet and Logs to ARRL by the 17th of February. I beleive, from hearing some of the reports, that the club has done a pretty good job this time. Even if you worked a few or a couple of hundred make sure you send in your effort, each little bit helps. There is a good possiblity for some good Six meter openings around the 2nd of February. Propagation continues to be quite good. We are hearing reports from the Top Banders about 160 doing very well. This month start looking for the 15 meter band to start opening again and staying around for 2100 to 2200 in the evening. Some rare long haul stuff in on the low bands that is 40 and 80 CW. I sure am lookig forward to the ARRL CW DX contest on February 21 - 22nd. I hope to knock-off some more of the 40 CW I need. for my DXCC on 40 CW. Don't forget to pick up you forms from Herb at the meeting.

OK HERE GOES ALL TIMES PITMAN TIME

| | | | |
|------------|-----------------------|--------------|---------------|
| <u>160</u> | Europe | 2000 - 0200 | |
| | Caribbean - So. Amer. | 2200 - 0200 | |
| <u>80</u> | Europe | 1900 - 0300 | |
| | Caribbean - So. Amer | 2000 - 0200 | |
| <u>40</u> | Europe | 1900 - 0300 | |
| | Med. Middle East | 21300 - 0300 | |
| | Caribbean - So. Amer | 2000 - 0400 | 0600 - 0700 |
| | So. Pacific | 0300 - 0700 | |
| <u>20</u> | Europe | 0700 - 09000 | & 1300 - 1800 |
| | Med. Middle East | 1600 - 2130 | |
| | Africa | 1700 - 0000 | |
| | Carib. So. Amer. | 0700 - 0900 | & 1600 - 000 |
| | Far East | 1800 - 2000 | |
| | So. Pacific | 1800 - 2000 | |
| | Ant-arctica | 0200 - 0400 | |
| <u>15</u> | Europe | 0800 - 1400 | |
| | Med. Middle East | 0900 - 1130 | |
| | Africa | 1330 - 2030 | |
| | Caribbean So. Amer. | 0800 - 1900 | |
| | Far East | 1800 - 1930 | |
| | So. Pacific | 1830 - 2030 | |

| | |
|----------------------|-------------|
| Europe | 0900 - 1300 |
| Med. Middle East | 0900 - 1100 |
| Africa | 1200 - 1600 |
| Caribbean- So. Amer. | 0900 - 1700 |
| Australasia | 1800 - 1900 |
| so. Pac. New Zeal. | 1630 - 1945 |

| | |
|---------------------|-------------|
| 6 Europe Cross-band | 0900 - 100 |
| Gibraltar | 1000 - 1100 |

H.F. Good Days: 2*, 4, 5*, 6, 11*, - 16, 20, 25*, - 28

V.H.F. Good Days: 2, 5, 10, 12*, 14*, 15
*Extra Good Days.

There is a very good article in February's issue of 73 starting on page 62. The article is "HOW FCC RULES ARE MADE - a labyrinthine tale." For you who would like to know just what happens when some one wants to start a rule and how important it is to reply to a rule that you like or dislike. The Commissioners do not know what you want unless YOU tell them. which runs me into this next topic.

220 - 225 Band: Well there back again to take it away from us. Not the same bunch but now the "Cordless Telephone" group and the Ship-to-shore bunch want it. Their excuse. "We have been monitoring this part of the spectrum and we do not hear any activity. Since the United States is so pinched for frequencies and crowding is getting worse, why not let us, who will use it, have the band. I'm sure the amateurs will not miss it." A quote from the lawyer representing the Ship-to-Shore group. May I suggest that you people who have 220 rigs get on the air more often. We have a very fine Repeater in our area and it has tremendous coverage. The fidelity at 220 is better than at 2 meters. So look around for a 220 rig and get on with some of us. As you may know we have 223.5 the "Calling Frequency", 223.46 a standard operating frequency; let alone, our own Club and ARES frequency 223.78, all this plus the Repeater. There is no excuse for not using the band when we have the facilities. Milt (K3WIL) monitors the repeater and generally Harry (WA2SEA), ED WA2PFC, Chick (WA2USI) Sonny (WB2DXB) Phil (WA2WOD) and myself are listening to the repeater, and lots of time we go to the Club freq. when we are near enough to have a nice chat. So come on let us start using the frequency or else -REMEMBER THE ELEVEN METER BAND.--

Contests There is another good contest coming up this month that of the Two-Land QSO party of February 7 - 8th. Here you have a chance to feel how it is when YOU are called, instead of you doing the Calling. Get forms from Herb. The QCWA contest is for you ole timers Feb 14-15. and in closing again don't forget the ARRL DX CW contest Feb 21 -22. Next month the Phone contest. And you Top Banders CQ WW 160 Phone Feb 27 to Mar 1.

That's It for this month see you all at the meeting Understand we are going to have a film show and it should be a real good evening.

73
John
John K2JF

ITEMS OF INTEREST TO THE CLUB
(I hope) K2JF

AN AMATEUR HAS BEEN PUT OFF THE AIR in yet another court action that could have far-reaching implications for the Amateur Radio community. In early December, K2AHL of Springfield, New Jersey, was ordered by Judge Kentz of the New Jersey Superior Cour in Elizabeth to cease operating his station, as a result of a suit filed in 1977 by neighbors over TVI and stereo interference. The Problem Had Surfaced a year earlier, when whitwout previous warning, he received a letter from the neighbor's lawyer stating that he'd be sure if he didn't stay off the air. Since the suit began, technical experts fro both sides have agreed that a proper antenna plus filters would solve the TVI, and a properly designed stereo system would eliminate the problem in that area. Although K2AHL offered them a new stereo, they refused to make any changes. The judge apparently agreed they shouldn't have to, and even told K2AHL's lawyer he wold have the FCC suspend K2AHL's license! The Suit Has Cost K2AHL and his family \$7,000 thus far, and an appeal is estimated at another \$10,000. Nonetheless, he's willing to continue the fight if there are indications that the Amateur community is behind him. (Tnx H R report Nr 332). So check with your friendly neighbors, maybe you will soon be given a summons. Between this case and Radny's case New Jersey is getting some very unnecessary Amateur news.

ARRL'S DXCC ETHICS RULE, RULE 12, has been strengthened considerably in a move directed primarily at DX stations who have allegedly been demanding payment before providing confirmation of a contact. This is know at "...the practice of "buying" QSLs." The expanded rule 12 will actually become effective with its publication in QST, possibly as early as March.

LEGAL STATUS FOR VOLUNTEER MONITORS. Rep. William Dannemeyer's bill HR-8445, would amend the 1934 Communications Act "to permit the FCC to employ voluntary services for purposes of monitoring violations of the act by Amateur station operators." will keep you posted.

AMATEURS LIVING NEAR AIRPORTS will shortly be facing changes in licensing procedures. They will have to submit detailed antenna information direct to the FCC Antenna Survey Branch for consideration and approval.

RECIPROCAL LICENSING with Italy is very close, with the Italian Minister of Telecommunications have accepted without change the most recent propostl from the U.S. (Tnx HR report).

"Words of comfort, skillfully administered,
are the oldest therapy known to man." Louis Nizer

HOW MASS PRODUCTION BEGAN WITH A CONTRACT FOR MUSKETS

Eli Whitney has sometimes been called "the Father of Standardization," and this is why.

At the end of the 18th century, under the authorization of the Fifth Congress, Vice-President Thomas Jefferson gave the inventor of the cotton gin a contract to produce 10,000 muskets. Whitney build a small factory in New Haven and started to work.

Up to that time, the traditional manufacturing method was one in which each man, highly skilled, produced by himself a particular part of the finished job. Whitney took the unprecedented step of dividing his work into steps and putting groups to work on each step in a simplified operation. Each part, copied from a model musket, was interchangeable with its standardized counterpart in the other muskets.

Whitney introduced three new aids in this work: drilling by templates (patterns), filing by jigs (guides), and milling irregular forms. He did not, introduce gages to inspect and control the accuracy of the product, but rather depended on keeping his tools sufficiently accurate to make the parts interchangeable.

Tooling up required many months, and Congress became impatient. At a critical stage, Whitney appeared in Washington before an assemblage of government experts and Congressmen. He laid out a pile of parts and assembled ten muskets by picking stand parts at random-an unheard-of-feat. Congress was convinced, and thus mass production was started on its way in this country. (From a booklet of this title published by ANSI).

THE NEW CODE TEST: Students preparing for a FCC code test should be aware that the format has been changed from a 10 question multiple choice exam to a 10 questin fill-in-the-blank exam. It has been reported that they are finding that the "new" code tests have apparent deliberate misspelling in them. For example, you might be copying the test and the tape may say that the sender's profession is a writer but it is spelled "writek". Later, on the written portion of the code test, you could be asked for the sender's profession. If you write down "writer" instead of "writek" you will miss the question. This exam expects VERBATIM copy.

BEAM WIND RESISTANCE: The following information was published by Hy-Gain Electronics Corporation.

1. ~~The best position is sideways to the wind. This allows the wind to only see the boom. It blows over the boom and creates a turbulence that has nothing to hit.~~
2. The worst position is cornerways into the wind. The wind sees the boom and all elements with turbulence hitting the second, third, etc. elements.
3. The next worst position is for the beam to point into or backwards to the wind. (Notice that Hy-Gain did not say "next best position). The more elements in line, the more turbulence resistance.

Amateur Service interference problems which seem to predominate are: 1) amateur to amateur, and 2) amateur to home entertainment equipment, according to the Investigations Branch of the FCC's Field Operations Bureau. Complaints of deliberate interference in the 2-meter band seem to be growing and there is some increase in the interference to home entertainment equipment.