

NARS NEWS

The Northwest Amateur Radio Society

January 1987

MOBILE TELEPHONE CELLULAR TECHNOLOGY SUBJECT FOR JANUARY 16 MEETING

The latest appendage to adorn cars since the days of CB is a little squiggly black antenna mounted on the back window. These little guys represent a growing and sometimes threatening trend to Amateur Radio. We're talking about mobile telephones, of course.

Brian Fovel, W2PBJ, who works with GTE Mobilnet, will tell us about the concept of cellular telephone technology. He has a slide show and will field questions. This meeting is the time for you to find out what all this "cellular" talk is about and maybe how your own mobile phone works. Don't miss it!

BANQUET SET FOR JANUARY 24; OVER 50 MEMBERS SIGN UP SO FAR

The 2nd Annual NARS Banquet is scheduled for Saturday, January 24th, and is going to be a real treat. There will be special club awards, and some surprise awards. The food will be great and the fellowship super. The big shindig will be at Uncle Tom's Kitchen, 17500 Kuykendahl. Open cash bar at 6:30 p.m.; dinner at 7:30 p.m. Tickets are \$10 per person. For reservation contact Bob, N5AER, 376-9098.

NARS NEWS is published monthly by Northwest Amateur Radio Society. Send news to Jim Clarke, N5FIX, editor, 8638 Pine Falls, Dr., Houston, 77095. Tel 859-5852

DEADLINE FOR NEWS ARTICLES IS THE
1ST OF THE MONTH.

SEPTEMBER 22 DATE ANNOUNCED FOR NOVICE CLASS START

The next Novice Class licensing course will begin Thursday, January 22, at 7:30 p.m. Location of classes is the Lincoln Foundation, 7622 Louetta Rd. (just west of Stuebner Airline) in Spring. Registration will be accepted by mail (see enclosed application) or at the door.

Volunteers are still being accepted to assist in this rewarding experience. To help out, please call Joe Sokolowski, KD5KR, at 353-2196.

DECEMBER MEETING RECAP

For December we discussed wire antennas with the help of Henry, N5HF, and his boys from "down under"; viewed a video tape produced in Australia. It was very interesting. Right?...Bud, KA6JDT, net control for the 2-meter net reported a record 27 check-ins on one net in December...Door prizes were won by Terry Myers, KQ5U (a \$20 gift certificate from Texas Comm Center) and Roy Hradilek, AD5Q (a 1987 North American "radio amateur callbook" donated by Madison Electronics).

N5AER ANNOUNCES 1986 NARS AWARDS

Activities Chairman Bob Haase, N5AER, has announced the following awards to be presented to selected NARS members at the Annual Banquet:

1. Public Service Award
2. "Elmer" of the Year
3. Operator of the Year

Also, a special award, the "NARS OUTSTANDING SERVICE AWARD", will be presented by Madison Electronics.

FROM THE PRESIDENT
by TOM RORABACK, KF500

Happy New Year to all! And as we start NARS second full year, it's appropriate that we pause a minute to reflect on 1986. Last month, in his parting column, Ken (KA5AKG) reviewed NARS achievements for the year and they are substantial. My purpose here is not to repeat the list of accomplishments, but to express appreciation to the Officers and Directors who led NARS during this most important and formative beginning.

With the very capable leadership of President Ken Harlan (KA5AKG), V. P. Paul Frantz (KF5SB), Secty. Dick Rousseau (N5JZY), Treas. Dick Combs (N5DRM) and Directors Dee Logan (W1HEO), Bob Welch (KE5IC), Henry Freedenberg (N5HF), Dick Rooney (W5VHN) and Joe Sokolowski (KD5KR) managed to pull together the many diversified interests of amateur radio into an energetic and enthusiastic Ham Club that believes the first rule of our hobby is to have fun and develop new friendships. My hat is off to the the past officers and directors for their foresight, dedication and hard work -- thank you one and all.

Our goals for 1987 are simple -- continue the many diversified club activities that have made this organization a success and seek out additional activities and projects that will enhance the enjoyment of our hobby, amateur radio. This is truly a club that is for all segments of amateur radio -- Got an idea for a new project? How about a new activity? Or a suggestion for a future meeting program? Suggestions for improving current projects, programs, activities, etc.? -- if so, get it off your chest -- tell us what is on your mind. The names of NARS 1987 Officers and Directors appear elsewhere in this newsletter -- call us with your ideas.

RFI NOTE #8
by KEN EDINBORGH, W5BKK

My shack is on the second floor and I'm always on the lookout for a more effective rf ground. In 1980, one of the popular ham journals published an article entitled "The Capacitive Coaxial Ground Wire". Last year, this journal published a similar article, which referred to the first. Both described a ground lead composed of a random length of coaxial cable with capacitors connecting the inner and outer conductor of the cable at each end. The center conductor connected the ground rod at one end to the transceiver at the other.

The '86 article emphasized that this cable, no matter the actual length, would appear to have a length of only a few inches -- with no theoretical substantiation -- only the 1980 reference.

Through the help of Jerry, W5NKZ, and Bob, KE5IC, a copy of the 1980 article was obtained. It claims nothing about the apparent length of the ground lead. Rather, it describes the author's problem of RFI from a long ground wire and advocates this coaxial cable arrangement as a means of shielding the radiation, thereby reducing interference to his TV. Furthermore the original article contends that the capacitors must be 1000-pF, whereas the '86 article calls for .01-uF (10,000-pF)!

Alas! -- back to the quarterwave open stubs. They are based on sound theory and have served us well where a short ground is impossible.

We'll have to watch those ham articles -- They may not be based on fact!

FOR INFORMATION ABOUT NARS, PLEASE
CALL KEN EDINBORGH, W5BKK, 376-7660.

**NEW NARS EMERGENCY COORDINATOR
IS BOB WHITE, KB5AEF**

Chosen as Emergency Coordinator, Bob White, KB5AEF, will oversee all emergency activities for the Northwest Amateur Radio Society. First on his list of priorities is the establishment of active participation in the Amateur Radio Emergency Service (ARES); Bob seeks club volunteers to assist him in this endeavor. Included in future plans are activities with the Radio Amateur Civil Emergency Service (RACES); he is currently formulating plans for establishment of emergency operation headquarters at the Lincoln Foundation, 7622 Louetta Rd., Spring, Tx.

NARS NOTES

- HOUSTON/TENNECO MARATHON sked for January 18. To volunteer your assistance please call Bud, KA6JDT, at 987-3041.
- UPGRADES/CALL CHANGES - Congrats to all the following:

David Gaines, N5IWF, to Advanced Class.
Dick Rousseau, N5JZY (ex KA4MFS), to General Class.
Scott Byrd, KB5AEN, to General Class.
Fred Juch, N5JXO (ex KA5WJA), to Technician Class.
Anthony Campbell, new Novice Class call is KB5BFB.
- PLEASE WELCOME these new members signed in December:

113. Nell McComb, KB5AEU
114. Bob Judd, WN5G
115. Roy Hradilek, AD5Q
116. Tom Jakubec, N5ZR
117. Eddie Berry
- See QST, January issue, for NARS writeup on p. 142.

NARS BULLETIN BOARD

- NARS MEETS the third Friday of each month at the Cypress Creek EMS building, 16650 Sugar Pine Lane, one block east of Kuykendahl and two blocks south of FM 1960. Time: 8:00 p.m. Eyeball QSO's: About 7:30 p.m.
- BREAKFAST EYEBALL QSO - Every Saturday 8:30 a.m. at Uncle Tom's Kitchen, 17500 Kuykendahl. Informal ragchew.
- NARS NETS Coordinators

RAGCHEW - MONDAY 7:30 p.m.
21.350 MHz (Jim, N5FIX)

CW PRACTICE - TUESDAY 7:30 p.m.
21.185 MHz (Bob, KB5AEF)

NARS INFO - WEDNESDAY 8:00 p.m.
146.66 MHz (Bud, KA6JDT)
- NARS CALLING FREQUENCIES:

2 meters 146.460 MHz (Simplex)
75 meters 3.880 MHz

NARS BOARD LISTED

PRESIDENT (and Board Chairman)
Tom Roraback, KF500 583-2661

VICE PRESIDENT
Ev Haines, KA5VIZ 583-9927

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Henry Freedenberg, N5HF 370-0513

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Ted Thorn, WB5LTF 893-1682

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Joe Sokolowski, KD5KR 353-2196
Bob Welch, KE5IC 376-4814
Bob Haase, N5AER 376-9098
Ken Edinborgh, W5BKK 376-7660

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