

# NARS NEWS

The Northwest Amateur Radio Society

July 1986

## RADIO CONTROLLED MODELING TOPIC AT JULY 18 MEETING

Stand by to drop out of the skies in a radio controlled airplane this month. We will explore the hobby of radio controlled modeling as it pertains to amateur radio. Ray Dillard, WA5F, will present the program which includes a videotape of R/C modeling, a working model, and a question and answer period.

NARS meets at 8 p.m. at the Cypress Creek EMS building, 16650 Sugar Pine Lane, one block east of Kuykendahl and two blocks south of FM 1960. Come early, bring a friend, and have a great time!!

## FIELD DAY STATISTICS

TOTAL POINTS - 2328

### QSO'S                      CONTACT BY CALL AREA

CW	330	1	13
Phone	248	2	28
Packet	28	3	31
TOTAL	606	4	131
		5	106
BONUS POINTS		6	65
Emerg. Power	100	7	29
ARRL Message	100	8	52
Publicity	100	9	68
Packet	100	0	83

### CONTACTS BY BAND/MODE

<u>Band</u>	<u>CW</u>	<u>Phone</u>	<u>Packet</u>
80	55	-	-
40	134	85	-
20	109	96	-
15	32	63	-
10	-	4	-
2	-	-	28

## FIELD DAY - REVIEW

The 1986 ARRL Field Day, held June 28-29, is over and boy did we sure burn up the F Layers with our field day call N5HF, that "November Five High Frequency" or "Need Five Hot Females" or whatever else got the job done!

Seriously, NARS logged 2328 total points for the 24-hour activity. The complete statistical breakdown is on this page. The raw data is also on a diskette in Lotus 123 for those interested.

Many of the points were captured by our ace CW operator par excellence Ken, W5BKK. He was pure CW poetry in motion. Ken also provided the main rig and the packet radio equipment. Henry, the original N5HF, also helped capture points on CW.

Overall the operation was well organized and run thanks to the energetic efforts of field day captain Tom, KA5YSB. Much accolade, kudos and bravado goes to him for his superb effort. Tom quickly points out that he had help from Ev Haines, KA5VIZ, Equipment Chairman, and Dick Rousseau, KA4MFS, Facilities Chairman, and a whole host of others too numerous to mention.

Ev provided the 25 kW power generator and equipment to set up the antenna tower. He was Tom's right hand man and worked hard to pull all of the equipment together including setting up and taking down. Ev even hand-delivered the NARS contest (See FIELD DAY, page 2)



FROM THE PRESIDENT  
by KEN HARLAN, KA5AKG

RFI NOTE #5  
by KEN EDINBORGH, W5BKK

Field Day this year was again an interesting and enjoyable experience. On behalf of all who attended I want to thank the organizers, the suppliers of the fine equipment and facilities we used, and the operators who hounded and pounded the frequencies to make all those contacts, all too numerous to mention individually here. We also owe thanks to James Pitchford who allowed us to use the parking lot of his shopping center at FM 2920 and Rhodes Rd. when the rains softened Dan's (N5IDE) pasture too much.

A number of people have expressed interest in upgrading. In lieu of developing formal classes to support this activity we are encouraging the formation of mutual support groups for the General, Advanced, and Amateur Extra class licenses. Each group will be coordinated by someone working toward the license and advisors will be available when needed. Ken, W5BKK, will be coordinating the Amateur Extra group and we are looking for coordinators for the others. If you are interested in participating in these programs, please contact Ken, W5BKK, Joe, KD5KR, or me as soon as possible.

Don't forget the next meeting Friday, July 18. See you there.

In our discussions of RFI, we have not touched on interference by direct radiation through a transceiver cabinet. Excessively large ventilation slots can allow this. In all its sophistication, the modern radio often falls short in this respect.

In his book, "Interference Handbook", William Nelson, WA6FQG, describes what he calls a "sniffer loop" to detect R-F leaks. It consists of a one-inch loop of wire, connecting the inner and outer conductors of a piece of RG-58/U cable at one end. The other end of the cable is connected to the antenna terminals of a TV set which is used as a detector. With the rig terminated in a dummy load and in key-down condition, one moves the loop around the chassis as he watches the TV screen to determine the source spots of interference. The results are usually surprising. Fine copper screen may be used to "patch" the problem areas.

The Interference Handbook should be in every ham shack, is a part of the NARS Library, and is available to all. It, and the new expanded Chapter 40 in the '86 ARRL Handbook, constitute a wealth of information on the subject.

FIELD DAY (cont'd from page 1) - entry papers to the ARRL in Newington CT. How about that for service! (He was also on vacation there).

Dick headed up the facilities committee. He did a great job coordinating all the little things that make the big things run smooth like refreshments, chairs, tables, extension cords, and coffee. Two other hams who offered their 24-hour service were Joe, KD5KR, and Paul, WB5DBT. They brought their air conditioned trailers.

Jack Douglas, KA5DNP, set up outside a satellite station with 2 and 10 meter rigs for communicating with the two Russian satellites. Oscar is not working now. He had computer printout of the satellites' orbit for the best times to communicate.

The basic equipment set up was a crankup tower with a three element beam, a five band vertical and an all-band dipole, all mounted on the tower. The travel trailers were equipped with HF rig, packet and cool air of course.



## NARS BULLETIN BOARD

- o NARS NETS Coordinators  
2 meter - Wed. 8 p.m., 145.43 MHz  
(Bud, KA6JDT)  
15 meter - Mon. 7:30 p.m., 21.350  
MHz  
(Jim, N5FIX; July NC-Joel, N5HWU)
- o BREAKFAST EYEBALL QSO - Each  
Saturday 8:30 a.m. at Uncle Tom's  
Kitchen, 17500 Kuykendahl.  
Informal rag chew.
- o CONGRATULATIONS To Henry, N5HF,  
and XYL Linda who announced  
arrival of a second harmonic,  
Robert Allen, on Thursday, June  
26.
- o AUGUST MEETING - Bill Cordell,  
Engineer of the Senior Road  
Project, to discuss how to erect  
2000 ft. tower; also related  
topics.
- o NARS MEMBER, Dee, W1HEO, in town  
for the July 4th weekend,  
reported working Field Day with  
the Dayton (Ohio) ARC.

### PLEASE WELCOME NEW MEMBERS

We are pleased to announce the addition of new members Gregg Wood; Eric Sarlls (new Novice); Vince Mo (new Novice); Bob White, KB5AEF; Rich Richardson, KA5YFU; Frank Hormann, KM5I; and Philip Fell, WA5IMZ. Latest count is 97!

### NEW NARS NOVICE NEWS

Adding to the list of NARS Novice Class graduates, Eric Sarlls and Dick Turner passed their Novice test on June 25th. Hearty congratulations to both.

## NEW HAM STORE IN TOWN

July 15 is the date scheduled for the grand opening of a new amateur radio equipment store by NARS member Jody Coles, N5HQM. To be known as Texcom Center, location is 4120A Directors Row, Houston. Good Luck, Jody!

### DXers AND SWL's CAN CALL IN

On Saturday August 2, at 0706 UTC (0206 CDT) the "Ray Briem Show" heard nightly on the ABC Talkradio Network, will cover many areas of interest to the Shortwave Listener and Shortwave DXer. Listeners around the U.S. are invited to call in and participate by dialing (213) 879-8255. The program can be heard locally on KPRC-950 kHz.

de "Frenox" via Jerry, KA5QAP

### BOY SCOUTS NEED HAMS

The Sam Houston Area Council of the Boy Scouts of America will sponsor an International Scout Camp July 20-26 at Camp Strake near Conroe. NARS will be sending hams to participate in that activity. If you can devote some time that week to help out, contact Bud, KA6JDT.

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

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