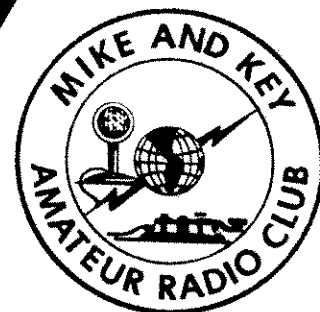


# RELAY



The K7LED RELAY is the Official publication of the MIKE and KEY AMATEUR RADIO CLUB, P.O. Box 2121, Kirkland, Wa. 98033-2121. The Club meets the third Saturday of each month at 9:30am in "The Good Neighbor Center", 305 S 43rd St. Renton, Wa. All "Hams" invited. The MIKE and KEY net meets each Monday evening at 1930 hrs on 224.12MHz. Your check-in is welcome.

\*\*\*\*\*

AN ARRL AFFILIATED CLUB LOCATED NEAR SEATTLE, WASHINGTON.

VOLUME 16

FEBRUARY

NUMBER 2

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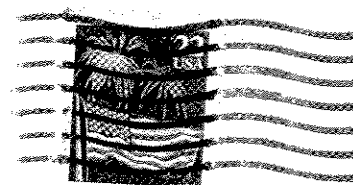
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Issaquah, Wa. 98027

19415 SE 21st  
Issaquah, Wa. 98027  
Phone 392-5303



REPEATER FREQUENCY  
52.05 - 53.05  
146.22 - 146.62  
224.12

First Class

## BOARD MEETING

FIRST TUESDAY  
OF EACH MONTH

## CLUB MEETS:

20 FEBRUARY 1988

UGN CENTER  
RENTON 10:00

## BREAKFAST

BOB'S BIG BOY  
RENTON--8:00AM  
3RD SATURDAY

HEDBERG, PEEB KOWIG  
20904 NE 77TH ST  
REDMOND  
WA 98053

COFFEE AND DONUTS WILL BE READY AT 9:30

## ACTIVITIES

We head into a busy time for the Mike & Key in the next few months. Mark your calendars for the following events.....

February is a "get ready" month. Final preparations for the flea market and elections are unfolding NOW. See the chairpersons of the various fleamarket committees to see how you can help. Also, place your nominations or volunteer yourself for the upcoming elections. The board has openings in every position. Try it, you'll like it.

March 12th is the flea market. The first big ham event of the year. The only way you can get in free is to help out. See else where for workers needed. The club meeting on March 19th will be devoted to electing new officers. Your vote counts! It's the most important 'say' you have in determining how this organization is run.

April brings the Club Awards Banquet. Lots of good food, company, and door prizes. Look further in the Relay for information on how, who, when, and where. April 30th will be the Fort Flagler work party. For those who signed up, it will be a one day affair and is good repayment to our gracious Field Day hosts, the rangers. (Maybe scout out some good antenna sites too ??)

Enuff for now. By May, your new activities man (no sexism intended) ought to have hit the ground running. Maybe you would like the job? Just see NU7Z or K7YR. They would be happy to put your name in lights. Till then...  
73. Mike - WA7UUVJ

## CONTEST ? CONTEST ?

The ARRL DX Competition (CW style) is coming up February 20-21. If his schedule allows, Hal, N7NW has said it sounds like fun to put K7LED back on the air for the weekend. Of course, that is club meeting weekend also, so a break will be in order Saturday morning for attendance. (I think the DX will forgive us.)

Wanna try your hand at some good DXing? Keep this weekend in mind. You can work an hour or a day. The bands should be hopping.

## FLEA MARKET

March 12th is the day to mark c your calenders. Volunteer for a job at the Mike & Key Flea Market. People are needed for doors, set up/break down security, and just about anything else you can think of.

Also, don't forget that some help is needed on Friday for table setup. We have about 100 tables to set up in just a few hours, so come on down on Friday afternoon to help. Even if you can't lift tables, you can straighten them out and keep order.

Finally, after the Flea Market is closed and cleaned up, we usually go out for Chinese food. It's a good way to reward yourself for a job well done. Keep it in mind.  
73, Mik

## WELCOME ABOARD

WA10NP, David McCallum, 16203 -  
144th Ave. S.E., Renton WA 98058.  
Advanced. Hobbies: Golf. Profession: Engineer. Ph 255-7167.

## FEBRUARY PROGRAM

I've done a lousy job of predicting the club program for the past two months. However, this one is a sure bet ??

Sheridan Hooper will visit us from from the "Friends of Youth" children home in Renton. This is the group we donated our food drive proceeds to and they can use our help all year long

Ms. Hooper will let us know what they offer in services and what we can do to help. This club's public service work is something to be proud of and this is only a small example of our growing commitment to the community

You all deserve a hearty thanks for pitching in.

73, Mike

## FORT FLAGLER ALL-DAY WORK PARTY

SATURDAY, APRIL 30, 1988

Contact Rick, NU7Z

## AGREEMENT FCC & ARRL, WASH. STATE

Following is an agreement between the Federal Communications Commission Field Operations Bureau, Seattle Office and The American Radio Relay League, Inc., Washington State Section with respect to amateur volunteers:

The Seattle Office of the Federal Communications Commission hereby enters into a working agreement with the Washington Section of the American Radio Relay League (ARRL). This local agreement will conform with the National Agreement between the Commission Field Operations Bureau and the ARRL dated March 28, 1987.

The intent of this local agreement is to reduce the workload of the Seattle Office in amateur oriented matters, and allow the amateur community to self-regulate and administer their service. The primary function of the amateur auxiliary group will be to resolve amateur to amateur interference problems. In addition, the Seattle Office will refer other amateur oriented inquiries to the auxiliary for response. Points of contact will be established by the Seattle Office Engineer in charge and the ARRL Washington Section Manager. Additional sub-agreements detailing duties and procedures may be implemented as necessary.

The local and national agreements are hereby agreed to by the signatories and shall be effective as of the date indicated below (1-4-88). The local agreement(s) may be terminated by either party upon 30 day written notice.

### FCC BROADCAST CALL ASSIGNMENTS

The FCC has reversed itself on the issue of geographical issuance of broadcast signs.

On February 4, 1987, the Commission had proposed to end the issuance of "W" and "K" broadcast call signs on a geographical basis. Generally, radio and television stations East of the Mississippi River are issued call signs beginning with "W", and stations west of the Mississippi

## EXPECTATIONS OF THE AUXILIARY

1. Minimal involvement of the Seattle FCC Office in resolving amateur matters.
2. Resolution of Amateur interference complaints.
3. Self-enforcement of Rule infractions.
4. Assistance in responding to miscellaneous amateur inquiries by the public and amateurs. Primary contact is the ARRL Section Manager.
5. Provision of Statewide Information on amateur exam classes and schedules to the Seattle Office on a regular basis. (The majority of FCC Office inquiries will be with regard to amateur exams - FCC Office should be able to answer these inquiries without referral to the amateur auxiliary.)
6. Feedback on referrals when requested.

## EXPECTATIONS OF THE FCC

1. To respond to enforcement problems when the auxiliary can proceed no further (RD approval required).
2. Provide access to Seattle microfiche as necessary.
3. Provide computer data (more current) when necessary.
4. Have the Seattle FCC staff informed on how to refer and respond to Amateur inquiries and complaints.

### FLEA MARKET SET-UP

FRIDAY, MARCH 11, 1988

Contact Hal, N7NW

are issued call signs beginning with the prefix "K".

The Commission, upon examining the comments filed, changed its mind and now feels there is some benefit in maintaining the traditional K and W call sign assignments. The Commission also said that there is no shortage of call signs that would require elimination of the East-West restriction on the assignment of K and W call signs. Thus, the Commission elected to retain the geographic restriction on the assignment of K and W prefixes to broadcast stations.

## USSR/CANADA SKITREK EXPEDITION

Planning for the amateur radio communications network in support of this expedition is now in its final stages. The skiers will leave Cape Artichesky on Severnaya Zemlya about March 1 on their 1750 Kilometre journey over the North Pole to Cape Columbia on Ellesmere Island.

For the more than three months of this hazardous journey across the polar ice, daily radio communication will be maintained between the expedition and the teams of Soviet and Canadian amateur radio operators at base stations in Severnaya Zemlya, Resolute Bay on Cornwallis Island as well as Moscow, Dikson, Ottawa and Toronto.

The amateur radio equipment, which was the first choice of the Canadian operating group, is being provided by ICOM and includes HF and VHF base stations and amplifiers, as well as hand-talkies for 2 metres and communication with the supply drop aircraft.

Using the facilities of SARSAT/COSPAS, the search and rescue satellites, as well as the amateur radio satellite called UoSAT 11, with its "talking computer" on board, it will be possible for the trekkers to hear their location read to them over the 1 metre hand held radios, as UoSAT passes over them about every 200 minutes. de The Canadian Radio Relay League, Inc.

### WANTED

Two ten-foot sections of Rohn 25G and tilt-over base section.

CONTACT: Dick Dietsch, W7KCX.  
868-8386

## TRANSPOLAR SKITREK EXPEDITION

Canadian Amateur Radio  
Communications:  
Project Coordinator - Tom Atkins,  
VE3CDM/VEBUA, Toronto. 416-494-8721

Operations - Barry Garrett, VE3CDX/  
VEBCDX Caledonia, Ont. 416-765-6322

Media/Public relations/Information  
Al d'Eon, VE3AND, Don Mills, Ont.  
416-447-9360

Main Canadian Base Radio Station -  
Resolute Bay, Cornwallis Island,  
NWT. Will be staffed throughout  
the Ski-Trek by a team of amateur  
radio operators.

Other base stations (more to be  
added):

OTTAWA - Ron Belleville, VE3AUM,  
Russell, Ont. 613-445-2861

TORONTO - Tony Fegan, VE3QF,  
416-267-6802

YELLOWKNIFE - Terry Keim, VE8TF,  
403-920-4321

FROBISHER BAY - Larry Horlick,  
VE8HL, 819-979-6981

AMSAT Canada Liaison - John Henry,  
VE2VQ, Aylmer, Quebec, 819-776-4221

QSL Manager - David Adams, VE3HBF,  
Sutton, West Ont., 416-478-2131

---

REMEMBER - FLEA MARKET

SATURDAY, MARCH 12, 1988

Contact Hal, N7NW

---

### VISITORS

KB7DLA, Ron Grew, 11043 S.E. 253rd  
Pl, Kent, 98031. Ph 859-9539

W9BFK, Dick Meredith, 10530 S.E.  
206th Pl., Kent 98031. Ph 852-1213

KA7YPQ, Glenn Regan, 2500 S. 384th  
St., #217, Federal Way, 98003. Ph  
8381653

NK7V, Chuch Herzer, 1131 Ludlow Bay  
Rd, Port Ludlow, 98365. Ph 437-9909

KD7UU, Jim Stucky, 11249 3rd Ave.  
S., Seattle 98168. Ph 246-2131

KB7DLJ, Craig Price, no info given.

WA7FUS, Peter Dahl, 1609 S. 261st  
Pl., Kent 98032. Ph 839-7717

KL7BB, W.R. (Bill) Balzarini, 1518  
S. Pearl St., Seattle 98108. Ph  
762-7738

KA7VBA, John Fuller, 405 S. 164th  
St., Seattle 98148. Ph 244-4131.

EXPENSE CATEGORY fcst'd bdgt amt '87 *	1987 BUGETED	1987 ACTUAL	1988 BUGETED
=====			
FIELD DAY	:	:	:
GAS	50.00:	23.00:	30.00:
CAMPING	250.00:	86.00:	300.00:
TRAILER FEES	50.00:	71.00:	75.00:
TOW VEHICLE	75.00:	18.00:	20.00:
PARTY EXPENSE	50.00:	.00:	50.00:
SANI CAN (2)	75.00:	70.00:	150.00:
MISC.	50.00:	145.00:	50.00:
=====			
FIELD DAY TOTAL	600.00:	413.00:	675.00:
*****			
PICNIC	:	:	:
FOOD AND POP	30.00:	48.00:	50.00:
MISC. EXPENSES	20.00:	.00:	.00:
=====			
PICNIC TOTAL	50.00:	48.00:	50.00:
*****			
CHRISTMAS PARTY	:	:	:
HALL RENTAL	100.00:	50.00:	200.00:
FOOD	100.00:	61.00:	75.00:
PRIZES OR DECORATIONS	75.00:	20.00:	25.00:
=====			
CHRISTMAS PARTY TOTAL	275.00:	131.00:	300.00:
*****			
BANQUET	:	:	:
GUEST DINNER *	40.00:	.00:	.00:
AWARDS *	160.00:	160.00:	160.00:
PRIZES *	400.00:	400.00:	400.00:
ENTERTAINMENT *	50.00:	.00:	.00:
MISC. EXPENSES *	:	90.00:	90.00:
=====			
BANQUET TOTAL *	650.00:	650.00:	650.00:
*****			
RELAY	:	:	:
POSTAGE	350.00:	370.00:	450.00:
PRINTING	450.00:	320.00:	600.00:
MISC. SUPPLIES	25.00:	10.00:	25.00:
=====			
RELAY TOTAL	825.00:	700.00:	1075.00:
*****			
GOOD NEIGHBOR DONATION	200.00:	200.00:	200.00:
*****			

EXPENSE ITEM	1987 BUDGET	1987 ACTUAL	1988 BUDGET
FLEA MARKET EXPENSE *	4000.00	4500.00	4750.00
TRAINING	600.00	180.00	400.00
REPEATER FUND			
FUND (BOND PAY BACK)	500.00	500.00	paid off
SITE RENTAL	400.00	360.00	360.00
PURCHASE OF REPEATER	.00	.00	.00
REPAIR	100.00	50.00	100.00
MISC. EXPENSES		.00	40.00
REPEATER FUND TOTAL	1000.00	910.00	500.00
MISCELLANEOUS			
SEC. / TREAS. EXPENSE	75.00	25.00	25.00
STATE FEE	5.00	5.00	5.00
BANK SERVICE CHARGES	50.00	15.00	15.00
TRAILER LICENSE	40.00	40.00	40.00
INSURANCE	300.00	250.00	300.00
WWARA MEMBERSHIP	10.00	10.00	10.00
MISC. PRINTING	150.00	5.00	105.00
PUBLIC RELATIONS	50.00	.00	50.00
GUEST SPEAKER	50.00	.00	50.00
P.O. BOX	50.00	50.00	50.00
MISC/DUES ETC.	120.00	100.00	100.00
MISCELLANEOUS TOTAL	900.00	500.00	750.00
EXPENSE SUMMARY			
FIELD DAY	600.00	413.00	675.00
PICNIC	50.00	48.00	50.00
CHRISTMAS PARTY	275.00	131.00	300.00
BANQUET *	650.00	650.00	650.00
RELAY	825.00	700.00	1075.00
UGN DONATION	200.00	200.00	200.00
FLEA MARKET *	4000.00	4500.00	4750.00
TRAINING	600.00	180.00	400.00
REPEATER	1000.00	910.00	500.00
MISCELLANEOUS	900.00	500.00	750.00
TOTAL EXPENSES	9100.00	8232.00	9350.00

INCOME CATAGORY	1987 BUDGETED	1987 ACTUAL	1988 BUDGETED
*****	*****	*****	*****
DUES	800.00	975.00	1100.00
TRAINING	500.00	.00	300.00
FLEA MARKET	7700.00	8000.00	8000.00
INTEREST	100.00	115.00	115.00
MISCELLAENOUS		6.00	
TOTAL INCOME	9100.00	9096.00	9515.00
////	////	////	////
BUDGET SUMMARY			
TOTAL INCOME	9100.00	9096.00	9515.00
TOTAL EXPENSES	-9100.00	-8232.00	-9350.00
=====	=====	=====	=====
EXPECTED INC./DEC.	.00	864.00	165.00

Submitted By  
Charles Stroder WA7EBH  
Jim Carpenter K7PHZ

John J. Burwell KB7ZS

Board Meeting 2-1-88

KB7ZS WA7LNQ WA7EBH WB7TBR WA7UVJ  
KA7CSE K7YR K7PHZ NU7Z K7ND

Items discussed:

- 1) Banquet-deadlind for reservations Apr 2nd  
Entrees 1-Roast Sirlion  
2-Chicken Oscar
- 2) Budget-recommended to membership for approval
- 3) Long range planning committee-chair is WB7TBR
- 4) Membership applications approved: Dick WB9BPF, John KA7VBA, Bill KL7BB

next board meeting Mar 1st @ K7YR  
following meeting Apr 5th @ K7PHZ

A PLACE AT THE INN

Northwest Motor Inn at Puyallup has advised that they are looking forward to our "Fleamarket 88" at the Fairground. In the event you want to stay at their Motor Inn the rates are as follows:

1 per....1 bed.....\$32.00  
2 per....1 bed.....\$35.00  
2 per....2 beds.....\$39.00  
4 per....2 beds.....\$46.00

All rates are subject to Wash Tax.

The Motor Inn will advertise our event on their readerboard.

Their address:

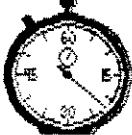












1409 S Meridian St  
Puyallup, WA. 98371  
(206) 841-2600



# MARCH 1988



S M T W T F S

		1  BOARD MEETING 1930 QTH OF: K7YR - KEN RAU	2  WESTCOAST QUALIFYING RUN	3	4	5  INTERNATIONAL DX CONTEST PHONE
6  INTERNATIONAL DX CONTEST PHONE	7  M & K UHF NET 1930 HRS/224.12	8  W1AW QUALIFYING RUN	9	10	11	12  "FLEAMARKET 88" PUYALLUP FAIRGROUNDS
13	14 M & K UHF NET 1930 HRS/224.12	15  W1AW QUALIFYING RUN	16	17  SAINT PATRICK'S DAY	18  BRING NEWSPAPERS PAPER IS NOW WORTH \$40.00 A TON - BRING LOTS OF PAPER	19  CLUB MEETING STARTS AT 1000 - COFFEE READY AT 0930-BRING A FRIEND AND NEWSPAPERS
20	21  SPRING BEGINS DON'T FORGET THE UHF NET ON 224.1	22	23	24	25	26
27 PALM SUNDAY	28  M & K UHF NET 1930 HRS/224.12	29	30	31	MAKE PLANS FOR THE AWARDS BANQUET APRIL 9, 1988	



## AMATEUR RADIO CLASSES & TESTS

RENTON: Advanced-Extra, Renton Vocational Technical Institute, April ?? 7:00-9:00 PM. To register call 235-2352. Info: Pete Saflund, KC7TD, 631-6772 or Bob Fricks, W7W11, 235-2435.

TACOMA: Complete "Radio Theory" course (This is not a "license" class but will prepare students for licenses novice through extra in radio theory). Radio Club of Tacoma club house, January ?? through March '88, Sat. 9:00-10:30 AM. Free. Info: Jerry Seligman, W7BUN, 845-7652 H, 237-9628 W.

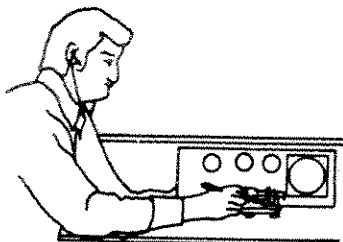
TACOMA: Novice - Radio Club of Tacoma, January 11, Mondays 6:00-8:00 PM. Info: Angela Korn, KC7EQ 584-2228 or Jerry Seligman, W7BUN. Extra Class - workshop for Advanced Class hams each of 4 Mondays in March. Info: Jerry Seligman, W7BUN

TESTING: Everett - Monthly, 2nd Saturdays, First Presbyterian Church, corner of Rockwell and Wall Walk-ins OK. Info: Loren Hole KK7M, 355-2141.

Renton - Monthly, 3rd Saturdays, The Good Neighbors Center, 305 S. 43rd St., Renton. Walk-ins OK. Info: Mike Dinkelman, WA7UVJ 854-4031.

Seattle - Monthly, 1st Saturday, North Seattle Community College, 9600 College Way N., Seattle. Walk-ins OK. Info: Harry Lewis, W7JWJ, 523-9117.

Tacoma - Quarterly (actual date varies), Radio Club of Tacoma, 1249 S. Washington. Pre-registration is required. Info: Jerry Seligman, W7BUN, 845-7652.



## JARL

JARL President Shozo Hare, JA1AN, reports that he received a letter dated December 19 from CRSA President Qin Duxun, who informed Mr. Hare that all Chinese broadcasting transmissions within the 7 MHz amateur band had gone QRT.

This is a result of the seventeen year efforts that JARL and the Ministry of Posts and Telecommunications of Japan did in order to have the Ministry of Communications of China stop the Radio Beijing transmissions between 7 and 7.1 MHz. The efforts began on January 18, 1971 (eleven years before the comeback of BY1PK), when Japanese amateurs all went QRT from the 7 MHz band for seven hours in the night time so that monitoring stations of the Radio Regulatory Bureau could record all intruders into the exclusive amateur band. de Nao Akiyama, ARRL International Programs Manager.

### General Meeting 1-16-88

Called to order NU7Z @ 1000  
w/pledge 61 attendees

Program: Bill KL7BB-How to beat the Morse Code

New member: Dave WA1ONP  
Associate: John N7HMW

VP: Support for high school SADD organization

Treasurer: Assests=7163.02

Public Service: Check RELAY for coming events - food drive will be ongoing event

Field Day: Apr 30th is work day at Ft. Flagler

W7JIE: Letter of agreement between FCC and ARRL Washington section Amateur Radio Auxiliary

Flea Market: see Hal, N7NW, for work assignment-Mar 12th

Adjourned @ 1140

FROM THE PRES:

It's that time again and whether your ready or not we are on our way in 1988. If you haven't gotten aboard the program of your choice, NOW is the TIME. We need your help with all of the club programs.

ELECTIONS are coming. Have you gotten your favorite candidate on the ballot??? If not time is running out--- let's make it the best ever and get them in now. If you want to run let one of the board members hear from you too.

Don't forget this months meeting because our guest speaker is coming

from the boys home to give us a talk on what they do there for the boys. She will answer all of your questions and provide you with all of the information to make this food drive go.

Your support of the food drive is very important to all of us so please bring to each club meeting at least one can of food for the donation. If you can bring more we'll be glad to take all you bring. Pat, W7ViH, is going to coordinate all of the food and work get it to the home. If you can give him a hand please do so. ITS A BIG JOB. 73's--Rick NU7Z

# 1000 POUNDS OF FOOD IS OUR GOAL FOR 1988

---April 9, 1988---AWARDS BANQUET---April 9, 1988---  
DOUBLETREE INN, AT SOUTHCENTER  
205 Strander Blvd, Seattle.

No Host Cocktails: 6:00 PM  
Dinner: 7:00 PM

MENU (your choice and how many?)

*INDICATE  
HOW MANY*  
↓

- +----+  
| | ROAST SIRLOIN, salad, baked potato, vegetable,  
+----+ rolls/butter, dessert, coffee/tea.
- +----+  
| | CHICKEN OSCAR, with dungeness crab, holliandaise and  
+----+ asparagus, salad, baked potato, vegetable,  
rolls/butter, dessert, coffee/tea.

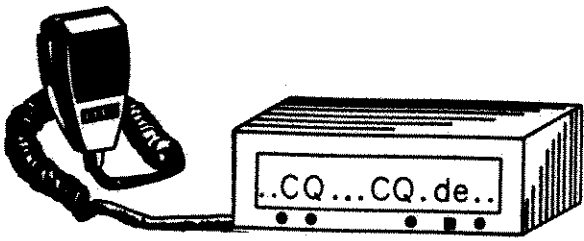
\$18.00 per person. (includes gratuity, and tax)

NAME: \_\_\_\_\_ \$ \_\_\_\_\_

Clip and mail or give to JACK BURRELL, 2432 138th SE,  
Bellevue, Wa. 98005, not later than ++APRIL 2, 1988++

There will be a no host bar

Questions to: Tillye and Vic ZumBrunnen - 824-2098



## SUMMARY OF ARRL LETTER 1 FEBRUARY 1988

### ANOTHER 220 MHZ THREAT

TV Answer Inc (TAI) is a Virginia company that manufactures equipment used in interactive viewer response to television programming. This company has petitioned the FCC to designate a 500 kHz segment between 216 and 222 MHz as a return link from television viewers to cablecasters for the purpose of expanding its test market.

This return radio link would be 50 watts and according to the company, the system would have the capability of handling nearly a million viewer responses per minute. Viewers would use a hand-held controller costing about \$100.

TAI has sent a program package to television stations across the country explaining the TV Answer proposal, which includes guidelines for commenting on their petition.

The ARRL filed strong comments in opposition to the petition on January 27, noting that TAI's petition must be termed a counterproposal to the FCC's proposal in Docket 87-14. Since this Petition was filed more than four months after the close of reply comments in that Docket, the FCC should dismiss the Petition.

Our comments also noted that the TAI petition was based upon the faulty premise that the 220 band was "under utilized" by amateurs and we, tongue-in-cheek, suggest that TAI review the comments of the amateur community and the ARRL in 87-14.

We conclude by commenting that the petition fails to justify any spectrum allocation and state: "Many alternatives exist to the rather incredible proposal to install relatively high-power radio transmitters in each residence, to be operated by non-technical persons, on frequencies subject to serious interference to and from other, authorized, over-the-air services on adjacent frequencies. None of the available alternatives are even explored by TAI. We are simply asked to accept the two-sentence dismissal of each and every alternative to the usurpation of a 500 kHz segment. To jump to the tune played by TAI in this instance would be unconscionably poor spectrum planning on the Commission's part."

### ROBOT 6-METER METSCAT STATION

A robot 6-meter packet radio meteor scatter (METSCAT) station was on the air in central Iowa during the January 23-25 ARRL VHF Sweepstakes.

Robot QSO functions were provided by Sarex 2 TNC software developed by Howard Goldstein, N2WX, as part of a project headed by Thomas Clark, W3IWI, to fly packet radio capabilities in the space shuttle.

In the future, METSCAT operation is planned for grid square DXpeditions during June and September ARRL VHF contests.

For further information on these events contact Ralph Wallio, WØRPK, at his *Callbook* address or via packet radio at WAØJFS-1 via the NØAN HF gateway.

It is not yet known if the robot station won the Iowa Section Award!

### FCC DENIES "INSTANT" NOVICE PETITION

The FCC has denied a petition filed by Frederic Hambrecht, KJ4JE, which requested that a successful Novice examinee be allowed to operate immediately by utilizing a temporary call sign consisting of the call of one of the Volunteer Examiners plus a unique numeral.

In the petition, RM-5924, KJ4JE stated that the interval between the exam and receipt of the license is so prolonged that the recently acquired skills of the Novice are diminished. He also argued that, as the Novices would be using the call sign of one of the Volunteer Examiners, the FCC would have a direct means of accountability for any infractions that might occur, without the administrative burden of maintaining a temporary call sign file.

The FCC response was that at the time of the original filing (Spring 1987), the Gettysburg licensing office was receiving nearly three times the normal number of amateur applications. This was a temporary anomaly prompted by the introduction of Novice Enhancement. The processing time had since returned to a normal level of 18-21 days.

The Commission also stated that the "instant Novice" petition appears to be contrary to the requirements of the International Radio Regulations. These require the FCC to verify the operational and technical qualifications of any person who wishes to operate an amateur station prior to licensing.

The FCC concluded: "On balance, it appears that the application processing period is not unreasonable. In view of the relatively short time it takes us to process an application, the marginal benefits to be derived by authorizing successful Novice operator examinees temporary operating authority are outweighed by the disadvantages that could occur."

### NEW "FOX HUNTING" BOOK AVAILABLE

If your club is interested in "fox hunting" (tracking down a hidden transmitter), location of RF interference or just some good fun on a Sunday afternoon, there is a new publication available from HQ that will interest you.

*Transmitter Hunting: Radio Direction Finding Simplified*, by Joseph Moell, KØOV and Thomas Curlee, WB6UZZ, is a compendium of easy to read information on transmitter hunting. The book has many clear photos and drawings to assist the neophyte in this fascinating area of Amateur Radio. There are also reviews of commercial equipment, as well as construction plans for home-built units.

The 323 page book covers such topics as dealing with willful interference, equipment lists, weak signal techniques, hiding tricks, hunting cable TV leaks and power line noise, and dealing with jamming.

This publication can prove helpful to hams, SWLs, and search and rescue volunteers alike, and covers the VOLMON program, which is the Amateur Auxiliary to the FCC Field Operations Bureau, for those who might wish to become involved.

*Transmitter Hunting: Radio Direction Finding Simplified* is available from ARRL HQ or your local Amateur Radio book dealer for \$18 plus \$2.50 for shipping if ordered from HQ. Incidentally, the 4th International Amateur Radio Union (IARU) direction finding championships are to be held near Bern, Switzerland in September of 1988.

### OSCAR 11 BACK TO NORMAL

UoSAT-OSCAR 11 was returned to normal service after problems with the on board computer software were solved. It has been suggested that possibly the 32-kbyte memory bank aboard UO-11 has a bad memory location(s), and this will be tested by running diagnostic tests on UO-11 shortly.

The resumption of normal service took considerable effort because control had to be effected through UHF command uplink. This measure was utilized to minimize risk to the spacecraft while still providing a maximum of information to diagnose the problem.

### FCC LICENSES IN RECORD TIME

As noted above, the folks at Gettysburg have been turning out licenses in near record time. Since the addition of another person, the processing time is only taking about three weeks for Novice licenses. The time for Technician and above licenses is about five weeks, because these have to go through a VEC office, where processing can take up to an additional 10 days.

TO: ALL CLUB MEMBERS

There is always space here in the RELAY for your gripes, ideas, thinking, suggestions or whatever. Please write up something and get it to the Relay Editor the first week of the month so it can be published. For Sale is always welcomed.

The Long Range Planning Committee has been reactivated and will be meeting soon. If you have some ideas as to which direction the Club should go, get it to one of the Board Members. Remember you are welcome at the board meeting, see the calendar as to where the meeting will be.