



# Crosstalk



Nary a contribution spurned

September, 1988

ARRL Affiliated

## PRESIDENT'S MESSAGE

by  
**K2JF**

Well we had a very busy month last month with the Picnic and the Hamfest. WA2GFK did himself real proud on the picnic. Those who stayed home and missed it, well you missed a good one. I don't understand why you members don't come out to YOUR club functions. NJ2B will give us a report at the meeting on how we did at the Hamfest. This is written before the Hamfest, so we will see. I can tell you this: NJ2B and the fellows have been working real hard getting set up, and they deserve a lot of credit.

This month will be a busy month. We have the Past Presidents' meeting (September 14 at the Site) and the Goldman Award meeting (September 28 at the Site); plus, the introduction of the "Rewrite of the Constitution" to be presented. So you see we have a few things to do.

As the Fall months come upon us, for those who work the HF bands, we start thinking "Antennas." We have to get those things ready for the bands for the coming Fall and Winter months. With Cycle 22 doing what it is doing, this ought to be one of the best DX years in quite a while. You Novices and Technicians, here is your chance to really get into the swing of things; so come on and see what you can work. Which one of you is going to be the first to get DXCC or WAS on ten meters? Don't forget to give the fellows at the Site a hand on the weekends. We are just about ready to put the tower up and get

that station really ON THE AIR. Hope all are well and look for you at the meeting..73

## 220 CUT!!

On August 4, 1988, the FCC cut 2 MHz of the 220-225 MHz band. They gave 220-222 MHz away, but awarded 223-225 MHz to amateurs on an exclusive basis. If you feel you want those 2 MHz back, below are some addresses in Washington you can write to.

### U.S. HOUSE

Rep. John D. Dingell (D-MI)  
Room 2221 RHOB  
Washington, D.C. 20515  
Tel: (202) 225 4071  
Attn: John Orlando

Rep. Edward J. Markey (D-MA)  
Chairman of Telecommunications  
and Finance Subcommittee  
Room 316 House Annex II  
Washington D.C. 20515  
Tel: (202) 226-2424  
Attn: Gerry Salemme

### U.S. SENATE

Sen. Ernest F. Hollings (D-SC)  
Chairman Commerce, Science, and  
Transportation  
Room SD-508  
Washington, D.C. 20510  
Tel: (202) 224-0427  
Attn: Ralph B. Everett

Sen. Daniel K. Inouye (D-HI)  
Chairman of Communications Sub-  
committee  
Room SH-227  
Washington, D.C. 20510  
Tel: (202) 224-9340  
Attn: Tom Cohen

## ABBREVIATIONS

by  
**K2JF**

Some of the newcomers into the DX game are unfamiliar with the abbreviations that are used in DX bulletins and conversations, here are a few and their meanings.

**CBA:** Callbook Address, refers to addresses of callsigns listed in the *Radio Amateur Callbook*.

**CONTINENTS:** AF-Africa, AS-Asia, EU-Europe, NA-North America, OC-Oceania, SA-South America.

**COUNTRIES LIST:** The best book to have available for use in DXing and keeping track of what you have worked, sent QSLs to, and received QSLs from, is the

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ARRL DXCC Countries List from ARRL, 225 Main Street, Newington, CT 06111. Cost: \$1.00 Just send a dollar or check to *continued on page 5*

## COMMITTEE CHAIRMEN

ARES/RACES	WB2LNR
AWARDS	K2ZA
BANQUET	N2FJM
CONSTITUTION	WA2NPD
CONTESTS	K2HPV
DATA PROCESSING	KB2COB
FIELD DAY	KA2DOT
HAMFEST	NJ2B
HEALTH/WELFARE	KD2CR
HISTORIAN	K2PQD
HOUSE	KB2AB
MEMBERSHIP	WB2GSF
NETS	WA2TOP
PICNIC	WA2GFK
SCHOLARSHIP	N2GSF
SITE	WB2LNR
SPECIAL SERVICES	WB2OYQ
SUNSHINE	KB2EUA
TECHNICAL	WA2TML
TRAINING/TESTING	WA2VQG

## CROSSTALK

EDITOR	N2HIS
PRINTER	W2GSN
DISTRIBUTION	K2OWE
	N2FJQ
	KD2CR

## OFFICERS, 1988

President: John Fisher, K2JF  
Vice-President: Ed Sumek, W2GSN  
Recording Secretary: Beth Barnish, KB2EAL  
Treasury: Sonny Gutin, WB2DXB  
Corresponding Secretary: Mike Lipnitz, N2FKS  
Chaplain: Ed Stetser, K2JJC

## BOARD OF DIRECTORS

R. Layton, KB2COB - 3 year  
E. Ross, WA2ZND - 3 year  
W. Ashton, WB2OYQ - 2 year  
D. L. White, N2FKT - 2 year  
J. Barnish, WB2CAK - 1 year  
A. Trueblood, N2FJQ - 1 year

## TRUSTEES

J. T. Clark, KA2OSV - 4 year  
H. Spiece, NJ2B - 3 year

H. Jackson, WB2GSF - 2 year  
M. Lizzio, WA2TOP - 1 year

## CLUB REPEATERS

147.781.18 MHz  
224.661/223.06 MHz  
442.100/447.100 MHz PL 20

## CLUB NETS

ARES/RACES:  
Time: Every Sunday, 8:00pm  
Frequency: 147.781.18 MHz FM  
Net Control: WB2LNR  
(If repeater is down, net frequency is 147.540 simplex.)

10 METERS:  
Time: Every Tuesday, 9:00pm  
Frequency: 28.350 MHz USB  
Net Control: WA2TOP

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## AMATEUR MICROSATS TO BE LAUNCHED! (from W5YI Report)

A consortium of Amateur Radio groups have teamed up with the Center for Aerospace Technology (CAST) at Weber State College (Utah) to construct and launch a new class of sophisticated "mission specific" ultra-compact "microsatellites."

Three AMSAT organizations (AMSAT-NA/North America, AMSAT-LU/Argentina, and Brazil's BRAMSAT) will be aided by TAPR, Tucson Amateur Packet Radio and the ARRL in the endeavor.

The four satellites, now under construction in Boulder, Colorado, are only 9 inches square and weigh only 22 pounds each. The two AMSAT-NA and AMSAT-LU payloads are PACSATS - store and forward packet radio communications satellites that can blanket the earth up to eight times a day.

According to Brazil AMSAT president, Dr. Junior DeCastro, PY2BJO, BRAMSAT's Project DOVE (Digital Orbiting Voice Encoder) aims to "Be the first satellite specifically designed to transmit

voice synthesized messages that implicitly promote peace among nations." DOVE will "speak" to anyone who has a simple VHF scanner/radio. "It will not become a propaganda machine for anyone," DeCastro said. The CAST satellite is an earth-looking, low resolution camera. AMSAT-NA has already contracted to launch the four microsats aboard the V-34 Arianspace mission scheduled for June 1989.

## PARK YOUR CAR - 4-H STYLE By Howard Marder, WA2IBZ

I am happy to report that the effort thirty-five members of the GCARC put forth on July 28th, 29th, and 30th has certainly paid off. The final totals for the 4-H Fair that we participated in on those dates is in. I will announce them at the September club meeting.

I would like to personally thank everyone that came out and put their valuable time and effort into this truly profitable event. It sure was hot and sticky out there, to say the least! Just ask any of those that were there.

Again, let me extend my thanks to you - a well done job by all. I appreciate it and I know the club is in your debt.

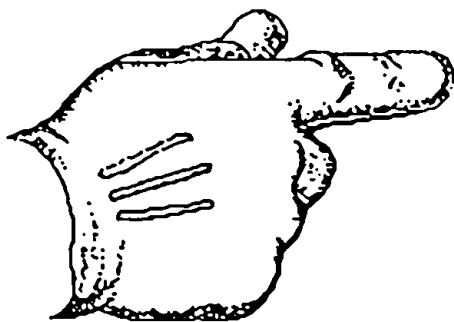
Tnx and 73.

The new Tandy Radio Shack catalog now promotes three amateur radio operator license preparation packages. The 68th edition (page 71) offers the Novice Voice Class License Preparation package for \$19.95 (complete with two code learning tapes), the Technician for \$3.95 and the new General Class package (including two tapes that take applicants from 5 to 13 wpm) for \$19.95.

The new manuals were written by Gordon West, WB6NOA.  
-Tnx W5YI Report

# AWARDS

In January of this year, your club made some special club awards, but as of now, only one person has gotten one. So I am going to list the awards again so you can get a good look at them. - Ed.



## Novice/Technician Award

For Novices and Technicians only: Work any 25 GCARC members on the 10 meter band (28.100 to 28.500 MHz), using any authorized mode.

QSL verification required.

## Extra Award

Work any 30 GCARC Amateur Extra Class members, any mode, on any band below 54 MHz.

QSL verification required.

## HF AWARDS

### RTTY Award

Work any 15 GCARC members on RTTY on any band below 54 MHz.

QSL verification required.

### Mixed Award

Work any 50 GCARC members, any mode, on any band below 54 MHz.

QSL verification required.

### CW Award

Work any 25 GCARC members on CW (point to point) on any band below 54 MHz.

QSL verification required.

Only contacts made on or after January 1, 1988 are valid for all GCARC awards.

### 12 Meter DX Award

Work any 25 countries, any mode, on 12 meters to start award; then 15 more for the next sticker; then 10 more to 50 for the next sticker; then 5 more for each additional sticker thereafter.

QSL verification required.

### 12 Meter W.A.S. Award

Work any 25 states, any mode, on 12 meters to start award; then 10 more for the next sticker; then 5 more for another sticker; then 1 each until 50 states have been worked.

QSL verification required.

# VHF/UHF AWARDS

## MIXED AWARD

WORK ANY 50 GCARC MEMBERS ON ANY BAND ABOVE 50 MHz., USING EITHER SSB, CW, PACKET OR RTTY.

QSL VERIFICATION REQUIRED.

## SSB AWARD

WORK ANY 25 GCARC MEMBERS ON SSB ON ANY BAND ABOVE 50 MHz.

QSL VERIFICATION REQUIRED.

## PACKET AWARD

WORK ANY 15 GCARC MEMBERS ON ANY BAND ABOVE 50 MHz. SUGGESTED FREQUENCY IS 147.54 MHz.

QSL VERIFICATION REQUIRED.

## RTTY AWARD

WORK ANY 15 GCARC MEMBERS ON ANY BAND ABOVE 50 MHz. SUGGESTED FREQUENCY IS 145.25 MHz.

QSL VERIFICATION REQUIRED.

## UHF AWARD

WORK ANY 10 GCARC MEMBERS (POINT TO POINT) ON ANY BAND ABOVE 450 MHz., USING ANY MODE.

QSL VERIFICATION REQUIRED.

# YL/XYL AWARD

**For YL's/XYL's ONLY --**

**Work any 15 GCARC members plus any 3 YL's/XYL's, any mode, on any band below 54 MHz.**

**QSL verification required.**



*Ralph E. Fisher*  
PRESIDENT/GENERAL MANAGER

MUSIC BOOKS & SHEET MUSIC  
OF ALL PUBLISHERS

1718 CHESTNUT STREET  
PHILADELPHIA, PA 19103

above with a note that you want the book and make sure your name and address are on a piece of paper inside the envelope.

**DARC:** Deutsches Amateur Radio Club, national radio club of Germany, like our ARRL.

**GMT, UTC, or Z:** Greenwich Mean Time, Universal Coordinated Time (the acronym *UTC* comes from the French for the phrase) or Zulu. This means solar time of the meridian at Greenwich, England, used as the basis for standard time throughout the world. In QSLing this is the *only* standard to use. There is a chart in front of every issue of the *Radio Amateur Callbook* telling you how to figure GMT out.

(Here in New Jersey when EDT is in use ADD 4 hours. Example: when it is 0800 EDT here, it is 1200 NOON Z. When we go back on EST ADD 5 hours so 0800 here will be 1300 Z).

**GREENSTAMP:** Slang for an American dollar bill, commonly used for return postage for the DX station for whom you have QSL's. One has to be careful, not all countries will accept an American dollar bill, e.g. USSR and its satellites, Pakistan, Bangladesh, etc. Check with an experienced DXer if you are not sure.

**IOTA:** Islands On The Air. An award for working various islands throughout the world. Directories and rules are available from G3KMA for \$3.00 U.S. or 7 IRCs.

**IRC:** International Reply Coupon, is bought at the post office and can be exchanged in other countries for the proper postage. They are expensive now, about 90 cents, and most DXers send a greenstamp. They can be bought from QSL managers, usually around 50 cents, but do not use IRC's that are over 2

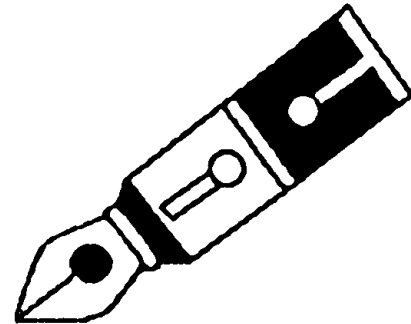
years old. The number of IRCs for the various countries may be found in the *Radio Amateur Callbook*.

**SAE:** Self Addressed Envelope. When QSLing to a foreign station or foreign QSL manager you included this along with your QSL card and a "Greenstamp."

**SASE:** Self Addressed Stamped Envelope. When QSLing a QSL manager of a station in your country, these are included with your QSL card to help the person defray the postage cost and time of addressing the return QSL.

**WFVL:** Work First Worry Later. Refers to a station that may be a priate or not valid for DXCC, but one is not sure and works it just incase it is valid.

For you starting DXers hope this helps.



## SWAP & SHOP

**FOR SALE: Kenwood TS-520S, good condition, 500 Hz CW filter, owner & service manuals, \$350.00  
WF2D, Howard Henry**

**FOR SALE: Heathkit Model GR-2000 25 in. color TV. Beautiful walnut cabinet with dual speakers. Real reasonable.  
Call Howard, WA2HBZ,**



THE AMERICAN RADIO RELAY LEAGUE, INC.  
SECTION MANAGER

QST  
OFFICIAL JOURNAL

TO: ALL INTERESTED ORGANIZATIONS

SUBJECT: VIP TO VISIT DELAWARE

DATE: TUESDAY, OCTOBER 11, 1988 at 6:30 PM

PLACE: BRANDYWINE TERRACE, 3416 PHILADELPHIA PIKE, CLAYMONT, DELAWARE

THROUGH THE COMBINED EFFORTS OF THE ENTIRE DELAWARE FIELD ORGANIZATION AND THE ASSOCIATION OF WILMINGTON AMATEURS FOR RADIO EDUCATION (AWARE), WE PROUDLY ANNOUNCE THE VISIT OF THE RECIPIENT OF THE 1988 ARRL HUMANITARIAN OF THE YEAR AWARD AND FIRST AMATEUR RADIO OPERATOR OF THE COUNTRY OF NEPAL,

THE REVEREND FATHER MARSHALL MORAN, 9N1MM

DINNER RESERVATIONS FOR THIS EVENT WILL BE HANDLED BY BILL RYAN, WB3DPJ, ASSISTANT SECTION MANAGER,

THE COST IS \$12.00 PER PERSON AND RESERVATION DEADLINE IS THURSDAY, SEPTEMBER 15th.

ALL REFUNDS FOR CANCELLATIONS AFTER THIS DEADLINE ARE NON-REFUNDABLE DUE TO THE EXTREMELY LIMITED SEATING AVAILABLE. WE ASK THAT EACH ORGANIZATION RESERVE AS EARLY AS POSSIBLE TO GUARANTEE SEATING AT THIS IMPORTANT EVENT. FATHER MORAN WILL PRESENT A MULTI-MEDIA PROGRAM OF HIS RADIO ACTIVITIES AND HIS MANY YEARS OF WORK IN THE HIMALAYAS. COME AND MEET A LEGEND AND A MAN YOU WILL NEVER FORGET.

73, BOB, KC3TI

SINCE 1914 - OF, BY AND FOR THE RADIO AMATEUR

# HAMDOM THIS MONTH

SEPTEMBER, 1988

SUN      MON      TUE      WED      THU      FRI      SAT

1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30

**4**  
GCARC  
ARES/RACES  
2 METER NET  
-----  
1Z-DX CONTEST

**5**

**6**  
GCARC  
10M  
NET  
-----  
28.350 MHZ USB  
2100 EDT

**7**  
GCARC GENERAL  
CLUB MEETING  
-----  
8:00 PM  
WOODBURY VFW  
-----  
SP. EVENT STA.  
K2BR-MISS AMER.

**8**

**9**

**10**  
EUROPEAN DX  
CONTEST-PHONE  
-----  
ARRL VHF QSO  
PARTY  
SEPT. 10-12

**11**  
GCARC  
ARES/RACES NET  
-----  
HAMFEST  
GAITHERSBURG,  
MARYLAND  
-----  
EURO DX CONTEST

**12**

**13**  
GCARC  
10M  
NET

**14**  
PAST PRESIDENTS  
MEETING  
8:00 PM AT THE  
SITE

**15**  
VEC TESTING AT  
BELLMAWR  
NOVICE THRU  
EXTRA  
-----  
DOORS CLOSE AT  
7:00PM  
SEE WA2VQG

**16**

**17**  
ARRL 10 GHZ  
CONTEST  
-----  
CAN-AM CONTEST  
PHONE  
-----  
SCANDINAVIAN  
CONTEST

**18**  
ARES/RACES NET  
-----  
10 GHZ, CAN-AM,  
AND SCAND.  
CONTESTS  
-----  
SJRA HAMFEST  
PENNSAUKEN

**19**

**20**  
GCARC  
10M  
NET

**21**  
CROSSTALK  
DEAD  
LINE  
-----  
BD. OF DIRECTORS  
MEETING

**22**

**23**

**24**  
10M QSO PARTY  
-----  
CAN-AM TEST-CW  
-----  
CQWW RTTY TEST  
-----  
\*ITAL YLRC TEST\*  
\*WY. QSO PARTY\*

**25**  
ARES/RACES NET  
-----  
10M, CAN-AM,  
RTTY, YLRC,  
AND WY. PARTY  
-----  
\*ARRL HF TEST\*  
\*CLASSIC RADIO\*

**26**  
FALL CLASSIC  
AND HOMEBREW  
RADIO EXCHANGE  
SEPT. 25 & 26

**27**  
GCARC  
10M  
NET

**28**  
GOLDMAN AWARD  
MEETING  
8:00 PM AT THE  
SITE

**29**

**30**