



# Crosstalk



Nary a contribution spurned

June, 1988

ARRL Affiliated

## PRESIDENT'S MESSAGE

by  
K2JF

I am sure we all feel the loss of two of our members from the ranks of our club: Fred Layton (WB2LTV) of Clayton and Harry McCormick (WA2SEA) of Woodbury. We will miss both of them, and may I now extend my condolences to their families.

We had a fairly quiet month in May; but let us not get into a rut, for June is really going to be a big one. We have our FIELD DAY on the 25th and 26th of this month; and under the very excellent guidance of KA2DOT, we expect to have a "Bang Up" operation. Let us all get behind him in this, YOUR club venture.

With the coming of summer in this month, we will find that our "outdoor" activities will be increasing, and many of you will be doing your "thing" with your families. This is the time for the summer fun and the preparations for the beach etc. May I suggest a warning. Please be careful of your exposure to the Sun. Today, not like in the past, the Sun's rays are more penetrating, since our ozone layer has been depleted some and the Ultra-Violet rays are more penetrating now than they were 20 or 30 years ago.

We are looking for help out at the "Site" on Saturdays and Sundays when you can make it. I will let the site people expound on this. For you who are interested in UHF/VHF, this is the month for the real fine skip distance on 6 and 2 meters. Sporadic "E" and other forms of UHF/VHF skip will be coming up, so here is a

chance to take advantage of this spring/summer condition.

Don't forget to give you names to WB2OYQ to help out at the "Boy Scout Camp." He is still looking for help.

This coming general membership meeting I will ask the major committees (Field-Day, Hamfest, Site, Special-Service) to give a report. I will ask that they hold their reports to five (5) minutes. Then, I will ask if there are any reports from other committee chairman; if so, they will be requested to hold their reports to five (5) minutes; after which, we will go into old business and then to new business. Possibly, we can cut out meetings short so that the program and the social portion can be longer. I hope this is agreeable to you, the members.

Don't forget to display your flag on the 14th of June and to all you fathers, "HAPPY FATHER'S DAY." K2JF

## DX

Well, if you thought that May was a good month for DX, wait till you get into June with the Solar Flux rising and the summer conditions coming on for us. Look out for the double-hump Camel effect that takes over on the HF bands. This effect happens from about 1500Z to 2100Z and is caused by the high intensity of the Sun at our latitudes. The signals from the DX stations become weaker around this time; but, look out, the time slot from early morning and around the evening and early night the signals on 15 meters will be very good. Twenty will be open most of the 24 hours, and 10 will be quite good to

the southern and tropical areas. Here is a chance for many of you to pick up the Caribbean countries as well as South America, Australia and the South Pacific islands. Don't tell me you need a kw; it can be done with a 100 watts and it will help if you have a beam, but you can work plenty with a 100 watts and a vertical (*q.e.d.* the Site). Forty-eight countries worked at this writing. As it was mentioned in the President's message, Sporadic-E propagation increases considerably during June and the summer months. There will be frequent 6 meter openings and at times the 2 meter band will open for distances of 1200 to 1400 miles, so get your SSB gear in shape for these "HOT" times.

DX worked: 974VU 9M8PV  
WORLDX/KH5 VK2CAJ

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KL7LF/KH3 FR5ZD 9L1GG  
and on two meters: WA4SBC,  
W5FFL, W9EAT.  
CU in the pileups...K2JF

## COMMITTEE CHAIRMEN

HAMFEST	NJ2B
CONSTITUTION	WA2NPD
AWARDS	K2ZA
SITE	WB2LNR
HISTORIAN	K2PQD
NETS	WA2TOP
ARES/RACES	WB2LNR
SUNSHINE	KB2EUA
MEMBERSHIP	WB2GSF
DATA PROCESSING	KB2COB
TECHNICAL	WA2TML
PICNIC	WA2GFK
SPECIAL SERVICES	WB2OYQ
HEALTH/WELFARE	KD2CR
HOUSE	KB2AB
BANQUET	N2FJM
TRAINING/TESTING	WA2VQG
CONTEST	K2HVP
FIELD DAY	KA2DOT
SCHOLARSHIP	N2GSF

## CROSSTALK

EDITOR	N2HIS
PRINTER	W2GSN
DISTRIBUTION	K2OWE
	N2FJQ
	KD2CR

## OFFICERS, 1988

President: John Fisher, K2JF  
 Vice-President: Ed Sumek,  
 W2GSN  
 Recording Secretary: Beth Bar-  
 nish, 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. Piece, NJ2B - 3 year

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

## CLUB REPEATERS

147.78/18 MHz  
 224.66/223.06 MHz  
 442.100/447.100 MHz PL 20

## CLUB NETS

### ARES/RACES:

Time: Every Sunday, 8pm  
 Frequency: 147.78/18 MHz FM  
 Net Control: WB2LNR

### 10 METERS:

Time: Every Tuesday, 9:30pm  
 Frequency: 28.350 MHz USB  
 Net Control: WA2TOP

## JEWISH APPLE CAKE

by

Miriann Kravitz,  
 KB2EUA

3C Flour  
 2C Sugar  
 1C Cooking oil  
 4 Eggs  
 2 1/2 Teaspoons Baking power  
 Juice of Orange (3/4 juice glass)  
 5 Large Apples (sliced and peeled)  
 2 Teaspoons Cinnamon  
 5 Tablespoons Sugar

Measure 1st 6 ingredients into one bowl and mix well. Use a large tube pan, grease it well and dust with flour; have apples peeled and sliced; sprinkle them with sugar and cinnamon mixture.

Put half of cake mixture into tube pan, cover with half apple mixture. add rest of batter and top with remaining apples.

Bake in pre heated over at 350 degrees for 2 hours. Raisins and nuts may be added.

## FIELD DAY '88 UPDATE by Art Strong, KA2DOT Field Day Chairman

Now is the time for all true Field Dayers to start putting together their lists and checking them twice. As silly as that sounds, it's quite true, especially for the first-timers. I strongly suggest that the new Field Day chairmen get together with their ops/loggers and put together their equipment lists and designate who brings what. Also, it's a good idea that the stations get put together with the antennas you plan to use and check out everything ahead of time. A high SWR on a Field Day antenna doesn't help your score or your finals any. Don't forget spare tubes, pencils, light bulbs, etc., so on and so forth. All this comes under the heading of good planning and something that I've done in the past as 20 meter phone Chairman. It really works and you'd be amazed at some of the things you think to bring. -

The Club/Field Day site is progressing along at a fabulous pace. I've been told that the stove is connected, the water is hooked up and we even have hot water. The Trailer Committee is doing an excellent job of accelerating a lot of the work needed to be done to get ready for Field Day. I give my sincere appreciation for what they have accomplished thus far and are planning to do.

We need to get together a work crew, hopefully, on June 4, to get the generator moved. Our 7 kW generator is sitting in Ray's (AI2B) backyard, and it has to be moved to the site. Besides, I'm sure Dottie would be glad to see it leave. This machine weighs 1800 pounds, so we need at least six men and a truck to get it moved. By meeting time I will know from the Trailer Committee if we can start moving in the tower and other related equipment. This will take several vehicles to make the move as there is a fair amount of Field Day equipment in the base of the

water tower. A truck to move the larger parts of the tower will be helpful.

For all the members that have joined since last July, if you have never participated in an event such as this, please come out. Give Field Day a try. It's a great social event and it's a fantastic contest that is a lot of fun. For the first six years of being licenced, I did not participate in Field Day at all. Three years ago I gave it a try with Jerry, WB2CAK, and have been hooked ever since. You don't have to be a super-op to join in; you don't even have to operate if you don't wish to. But you will be missing out on a lot of fun if you don't come out. As the saying goes, "Try it, you'll like it." And I'm sure you will.

#### Reminders for Band Chairmen:

1. Logs and dupe sheets are due in to me by July 16.
2. You will receive packages of rules, logs, and dupe sheets on Field Day weekend. Extra log sheets and dupe sheets will be in the trailer during Field Day if you need them.
3. Try to put together a head count of people in your group and inform Roslyn Marder (N2AKL) of this so she can plan the food accordingly.
4. No alcoholic beverages of any type are allowed on the grounds at all!!!!!!!

[Note: There is a clause in the 4H lease that says that if any alcoholic beverages or cigarettes are drunk-en or smoked or even brought onto the site *or* 4H property, the woman who donated her land to the 4H (which in turn gave some to us) gets ALL her land BACK. That includes the WHOLE 4H campgrounds, etc. AND OUR SITE!!! So please, unless you want to incur the wrath of 200+ people, no alcohol or cigarettes!!!!!!-Ed.]

The following is a list of bands and Band Chairmen as it is right now. Presently we are running a 10A class, but being the greedy

individual that I can be, I'd like to run a few more. Any volunteers?

- 80 PH. - Jim Clark, KA2OSV
- 80 CW. - John Fisher, K2JF
- 40 PH. - OPEN
- 40 CW. - Ken Newman, N2CQ
- 20 PH. - Beth Barnish, KB2EAL
- 20 CW. - Mike Blasenstein, N2HIS
- 15 PH. - Harry Spiece, NJ2B
- 15 CW. - John Zaruba, WA2VOH
- 10 PH. - Dan White, N2FKT
- 10 CW. - Jack Zaruba, K2ZA
- 6 PH. - OPEN
- 6 CW. - OPEN
- 2 PH. - Mike Lizzio, WA2TOP
- 2 CW. - OPEN
- 220 PH. - OPEN
- 440 PH. - OPEN

That's it for now. See you at the June meeting. 73.

## SILENT REUS

*With deep regret and sorrow, we report the passing of these fellow club members.*

**HARRY McCORMICK,  
WA2SEA**

**FRED LAYTON,  
WB2LTV**

### SWAP & SHOP

FOR SALE: Sony Video-8 CCD-V8 Camcorder. Complete system including hard case and Sony tuner/timer unit with remote control. Excellent condition. Contact Howard, WA2IBZ

FOR SALE: Heath Station. SB-303 with Ameco preamp. SB-401 Brand new finals. Worked 200 DX stations. Excellent operating condition. All manuals. \$200 takes all. Doug Gehring, WA2NPD

## CLUB AWARDS by Jack Zaruba, K2ZA

Congratulations to Mike Lizzio, WA2TOP, the first to qualify for the Novice/Technician Award. He worked more than 25 GCARC members on 28.100 to 28.500 MHz. Good work, Mike!

Remember, there are many more HF and VHF/UHF awards available, so let's get moving, folks. 73.

## SITE REPORT by Ray Martin, WB2LNR

Well, another month is history, and we can inform the membership that more has been accomplished. Since last Crosstalk, the following has been accomplished: We now have hot and cold running water (boy, what a relief!!). We also have a gray-water drain, which will be temporary until the septic system is finished. By the way, the septic system had to be revamped due to the 4H people. It has been approved by the Department of Health. We have had the monies allocated, and things are in the planning stages for the proper contractor. The tower has been fitted with cable, but a few more niceties have to be set in place. Electricity has been permanently put into the shed, plus burglar alarm wiring. Concrete has been placed for the generator and a 220 volt line has been added to the two rooms for the amplifiers, when they are built. A phone line has been added to the shed for obvious reasons.

Near plans are for the generator to be transported and put in place, and then Ray Metzger will do his deed and continue the switching system from the power company plant (A.C.E.) to the generator. The phone company has been in touch and is almost ready for placement of the poles.

I'm trying to get them to come out on the morning of Field Day to do the work. Wouldn't that be nice...

73, and see you at the meeting.

# HAMDOM THIS MONTH

JUNE, 1988

SUN      MON      TUE      WED      THU      FRI      SAT

			1 CLUB MEETING 8:00 PM-??? WOODBURY VFW	2	3	4
5 GCARC ARES/RACES 2 METER NET	6	7 GCARC TEN METER NET	8 HAMFEST MEETING	9	10 CROSS TALK DEAD LINE	11
12 GCARC ARES/RACES 2 METER NET	13	14 10M NET	15 BOARD OF DIRECTORS MEETING	16 VEC TESTING BELLMAWR 7:00 PM SHARP SEE WA2VQC FOR INFORMATION	17	18
19 GCARC ARES/RACES 2 METER NET	20	21 10M NET	22	23	24	25 FIELD DAY!!!
26 FIELD DAY!!! ----- GCARC ARES/RACES 2 METER NET	27	28 10M NET	29	30		

**Mailbox** - An electronic Mailbox will soon be operational on the Club's 2 Meter repeater. Repeater users will be able to leave "canned" messages such as " Call me at home", or "Call me at (phone number)" in each others mailbox slot. Also, their spouse will be able to leave a message for them, such as "Call Home". Messages can be entered and retrieved over the air and over the telephone.

In order to use this feature, you must have your call sign stored in the controller's call sign list. If you already have a Directed Reverse Patch access code then you are all set. If you do not, and think you would like to use the Mailbox, contact me and I'll set it up for you. There are about 20 slots left, so, first come, first served. Complete instructions on how to use the Mailbox will be mailed to everyone.

**Paging** - The RC 850 Controller on the 2 Meter repeater can generate paging tones that will activate a variety of commercial pagers. Paging tones can be commanded by users over the air, or via the telephone. The paging tones will go out over the 2 Meter repeater very much the same way that Directed Reverse Patch calls are handled.

In order to use this feature, you must obtain the pager yourself, and have it retuned to receive the output of the repeater (147.18 Mhz). I will program the controller to generate the proper tones to activate your pager. Before you purchase a pager, contact me first and I'll tell you which paging formats are supported by the controller.

**Access Codes** - Access codes for the Autopatch, Autodialer *and* the Control Operator Codes will change sometime in June. The new Codes and info on the Mailbox will be mailed to all Club Members before the Codes are changed. CONTROL - OPS . . . please contact me for your new codes.

**Transmitter Turn-on Delay** - A transmitter turn-on delay has been programmed into the 2 Meter repeater to reduce false key-ups caused by intermittent weak signals breaking squelch on the receiver. The turn-on delay is set for 500 milliseconds (0.5 Sec.). A signal has to be continuously present at the receiver for 1/2 second before the transmitter begins transmitting. This only applies when the transmitter is not on the air - not during a QSO, before the transmitter drops. If the transmitter is not on the air, do not key your mike and begin talking immediately. If you do, the first few syllables will be lost. Pause briefly, after keying your mike, before speaking.

**Technical Crew Acknowledgement** - Thanks and a "Well done" to Mike, N2FKS and Fred, KB2BF for work done on the 2 Meter and 220 Repeaters, and to Gerry, WB2CAK and Mike, WA2TOP for keeping the 440 Machine going. And also to Mike, N2FIZ for programming the Mailbox.