

# GLOUCESTER COUNTY AMATEUR RADIO CLUB, W2MMD

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## CLUB NETS

ARES/RACES SUNDAY 20:00 HRS. REPEATERS 147/78-224.66/223/06  
10 METERS TUESDAY 21:00 HRS. FREQUENCY 28.350 MHZ.

## CLUB REPEATERS

147.78/18 MHZ. 224.66/223.06 MHZ. 442.100/447.100 MHZ. PL20 OR 3B

CLUB MEETING : FIRST WEDNESDAY OF EACH MONTH AT THE V.F.W. HALL IN  
WOODBURY, N.J. STARTS 20:00 PM. SHARP.

CROSSTALK CONTRIBUTIONS : SEND TO N2FJO VIA PACKET(WA2VXT-4)145.070 OR  
(KB2COB-A OR 10)145.070 OR (K2SB)144.950 OR MAIL, DEADLINE IS ONE WEEK  
BEFORE MEETING.

CLUB SITE MONITORS 147.78/78

\*\*\*\*\* PRESIDENTS MESSAGE \*\*\*\*\*

THANKS TO JIM KB2GTT FOR CHAIRING THE 4-H PARKING COMMITTEE. BY THE TIME YOU RECEIVE CROSSTALK THE FAIR WILL BE COMPLETED. JIM WITH THE HELP OF MARLA N2DWR MAKING THE PHONE CALLS, HAVE MADE IT A SUCCESS. THANKS TO ALL.

THE P.A. SYSTEM SUPPORT FOR XMAS IN JULY AT CAMP SUN AND FUN FOR THE RETARDED CITIZENS OF GLOUCESTER COUNTY WAS ALSO A SUCCESS, WE RECEIVED MANY COMPLIMENTS, THANKS TO KB2GTT, K2JF, W2GSN AND WB2LNR WHO ALSO REPRESENTED THE TELEPHONE PIONEERS. THERE ARE TWO MORE EVENTS FOR AUGUST, THE FIRST IS THE CLUB PICNIC ON AUGUST 20, COME OUT AND ENJOY YOURSELF. SECOND IS AUGUST 27TH, THIS IS THE CLUBS MAIN EVENT, THE CLUB HAMFEST, THE CLUB DEPENDS ON YOUR HELP AND SUPPORT TO MAKE THIS EVENT SUCCESSFUL, ESPECIALLY FOR THE MEMBERSHIP AND FOR OUR SCHOLARSHIP. PLEASE SUPPORT YOUR CLUB IN WHATEVER WAY YOU CAN.

73's HOPE TO SEE YOU ALL AT THE AUGUST 2nd MEETING. ED W2GSN

\*\*\*\*\* G.C.A.R.C. QUESTIONNAIRE \*\*\*\*\*

A FEW MONTHS AGO, A QUESTIONNAIRE WAS INCLUDED IN CROSSTALK FOR THE MEMBERSHIP TO FILL OUT AND RETURN TO THE CLUB PRESIDENT OR TO CROSSTALK, AS OF THIS DATE JULY 28TH, I HAVE RECEIVED 12 OUT OF THE 197 THAT WERE SENT OUT, I JUST CANT FIGURE OUT WHY THESE COULDN'T BE FILLED OUT AND RETURNED, ITS A VERY SIMPLE STRAIGHT FORWARD FORM. AS YOU SEE WE INCLUDE A CALENDAR IN THE PAPER EACH MONTH, AND WE FIGURED THAT IF EVERYONE FILLED OUT THE FORM AND RETURNED IT, WE WOULD KNOW EACH MEMBERS BIRTHDATE AND THEY COULD BE INCLUDED IN THE CALENDAR, ITS NICE TO BE RECOGNISED.

ALSO WHILE SITTING IN AT THE MEETINGS YOU HEAR A LOT OF PEOPLE AND MEMBERS GRIPING ALL THE TIME, YET THEY WON'T WRITE OUT THEIR GRIPES AND DROP THEM IN THE SUGGESTION BOX, well the forms have a large space FOR YOU TO WRITE IN YOUR OPINIONS OR GRIPES OR WHERE YOU FEEL THE CLUB COULD SUCCEED BETTER.

SO LETS ALL MAKE A VERY SMALL EFFORT AND TRY TO FILL OUT AND RETURN THE FORMS, EITHER BY MAIL OR AT MEETINGS OR OTHER CLUB EVENTS. 73 AL N2FJQ

NR01062 07/19/89 00:02:36 FROM K2JF TO N2FJQ  
GCARC PICNIC XTALK !!!

GCARC PICNIC

WELL GROUP, IT'S PICNIC TIME! THIS YEAR THE PICNIC WILL BE AT LAKE GARRISON ON AUGUST 20TH. START TIME IS 10:00 A.M. ENDS 4:00 P.M.  
COST WILL BE \$4.00 PER PERSON AGE 5 AND OVER. THIS YEAR I'LL HAVE SOME HELP. MARLA AND HER GANG AND I WILL DO ALL THE WORK. ALL YOU HAVE TO DO IS SHOW UP. IF YOU HAVE ANY QUESTIONS, CALL MARLA OR MYSELF. THANK YOU. SEE YOU THERE.  
J. W2GFK.

ENTER COMMAND: B, J, K #, KM, L, LM, R #, RM, S, or Help

(1)



## FIELD DAY '89' WRAP-UP

This year's Field day should go down in the club's history book as being one of the most unique events that we've had in quite awhile. I knew things were off to a strange beginning on Friday afternoon, when I heard Jerry (WB2CAK) call for help saying he had the front wheels of the 4-H tractor stuck in a hole. When I arrived, the front end was in a hole and the back tires were all covered with mud from obvious spinning. Well, so much for getting the grass cut. Then I got stuck with my station wagon and pop-up. The wagon was a trick to dig out and it was even more fun getting the pop-up back out on the road again. Many thanks to Ray (WB2LNR) for having that roll of line at the site. It had become very apparent that the rains earlier in the week were going to take their toll on this operation. Little did we know what was in store for us. I had had great hopes of getting everything put on the tower Friday night and having several sections in place by dark, but all the "digging out" in the afternoon delayed that.

Saturday was the most unique day of all. The tower assembly was under way, with the antennas, lights, and flags until about 11 AM. Then the skys really opened up! I can't remember the last time I've seen it rain like it did that day. Mike (WA2TOP) was one of a few who had rain gear with him. Do you suppose he knew something the rest of us didn't? Anyhow, in spite of the driving rain, he wired up our power feeds so they would be ready if the rain ever stopped. The rain finally died off around 12:30 or so, and work on the tower commenced again. There were a lot of people and a lot of cooperation on the tower setup, this year. So much so that I think it went up in record time. Well, ol' Murphy wasn't done with us yet. The generator started throwing fits and Ray (AI2B) started worrying. When he worries about the generator, I worry about the entire event going down the drain. At 2:15 PM, the power was checked and correct, the generator was running smooth, so we went on the air.

No, Murphy was not done with us yet. 10 & 15 meters was reported as being poor and 17 wasn't too far behind. 20 meters and down were fairly active, so those stations were busy. Around 5:30 Saturday evening, an RV station got the ok, from one of Ray's (AI2B) prodigies, to fire up an air-conditioner. Down went 4 stations when the feeder box fuse blew. Ray came out to the box, got hit with a dumb attack from Murphy, and hit the main switch on the box and took out the remaining 2 stations. Twenty minutes later we had our power restored and were on the air again. Around 8 PM, Jerry Backhoe came out and started leveling off the dirt over the septic system. This is where the "less than optimum conditions" comes into play. Trying to copy phone or CW with a diesel caterpillar running not more than 150 feet away is a real experience. Fortunately that only lasted about about 45 minutes.

By comparison, Sunday was a dull and uneventful day. Nothing happened to create any excitement until around 11 AM when 10 meters opened up. The 10 meter stations went crazy trying to get their contacts which propagation had kept from them earlier. 75 phone went down early as we had antenna problems which later turned out to be a broken connection.

For those of you that did not come out this year, you really missed a good time. All of the problems, rain, and foul ups made for one of the best Field Days that I've ever been to. It has been suggested that we get T-shirts that say "I survived Field Day '89'", for those that came out. Not a bad idea. This year I certainly found out who the dyed-in-the-wool Field Day people are in the club. Despite the miserable weather, not one person ever said anything about packing it in and going home. Everyone who planned to

stay all weekend, did stay. Probably for fear they might miss something.

To all of the Band Chairmen, operators, and loggers/dupers my sincere thanks and appreciation for sticking it out with me. You helped make this year's event one to remember for years to come.

Ray (AI2B) and Mike (WA2TOP), thanks for your work with the generator. Especially to you Mike as I know you were out in the driving rain, when the rain was at its worst, wiring in the power feeders for us. I half expected to see you floating down the river that we had on the access road during the peak of the rain. I guess you tied yourself to the generator.

I always save the best for last. Everyone likes to eat well at Field Day and that we really did this year. Meatball sandwiches and bar-b-qued chicken were the main courses on Saturday for lunch and dinner and they were excellent. Plus we had egg Mac-muffins for Sunday breakfast. Not bad! Lima and Ros, you have surpassed yourselves. You both obviously enjoy doing food for Field Day as you have better and better menus each year and I appreciate your efforts as does everyone else. We ate very well.

As they say on TV, let's cut to the chase and see how the finals scores went:

Band	Contacts	Multiplier	Total Points
80 CW	210	x 2	420
75 PH	500	x 1	500
40 CW	653	x 2	1306
40 PH	41	x 1	41
20 CW	446	x 2	892
20 PH	77	x 1	77
17 PH	100	x 1	100
15 CW	72	x 2	144
10 CW	44	x 2	88
10 PH	374	x 1	374
2517			Total 3942
		Under 150 watts output	x2
			7884
Bonus points for emergency power, packet, publicity, WIAW Field Day message, and message traffic		=	1240
			Total 9124 pts.

What is unique is that this year's total score is only 400 points down from last year where we scored 9524 points and propagation was a lot better. Plus everything was a lot drier!

That's it for this year. We can kick back and start thinking about next year's Field Day, next year.

I'd like to say I'll see ya at the meeting, but not this month. I will be in Spain on my active duty and certainly won't be able to attend the meeting. See you in September.

73's, Art - KA2DOT - Chairman FD '89'



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Staff photos by Pete Picknally

Merrill Brown of Franklinville sends and receives Morse code during the Field Day '89 radio exercises.

# Hamming it up

## Field Day '89 tests radio operators' skills

By JIM SIX  
Staff Writer

HARRISON TWP. — They weren't saying much, but it's not what they say as much as who they say it to.

"CQ, CQ, this is Whiskey Two Mike Mike Delta. Eight Alpha, southern New Jersey."

That message was being repeated by eight operators who sat in tents and screen houses erected at the Gloucester County 4H Center here, trying to contact whoever could hear them. The operators, members of the Gloucester County Amateur Radio Club, were taking part in a national radio exercise called "Field Day '89."

Basically translated, the above message was a plea for anyone who heard it to make contact with the club operators, using the club call sign of W2MMD. The 8A lets listeners know how many transmitters are working and that it's a club operation.

Sponsored by the American Radio Relay League, Field Day is staged on the last full weekend in June every year. Ham radio operators from all over the United States and Canada unplug their radios and disconnect their home antennas and set up an emergency to operate for 24 hours. One goal is to practice working under emergency conditions and the other is make as many radio contacts as



Jerry Barnish of Voorhees makes contact with an operator from Pa.

possible, said Field Day chairman Art Strong, KA2DOT.

The competition officially began at 2 p.m. Saturday, according to the club's public information officer, Jim Clark, KA2OSV.

Saturday morning's rain slowed things up a bit, making it more difficult to set up the tents and to raise the nearly 100-foot antenna mast in the middle of a muddy field.

The rain did not dampen the Ham operators' spirits, though. Strong slipped off his shoes as he checked on some of the radio operators and splashed his bare feet in muddy puddles.

Although conditions are less than perfect, the modern age has come to ham radio events. In some tents, radio operators repeated their "CQ"

calls while an assistant used a sharpened pencil to log all contacts. In other tents, however, the assistants used computers to log the contacts and list the "dupes," making sure no duplications are made in contacts as the exercise drags on.

Nearly 50 people took part in the local Field Day, although only about 25 were there for the whole 24-hour period, Clark said.

Not much regular radio traffic is heard on Field Day. Most operators are either involved in the competition-drill or can't get through all the Field Day radio traffic.

Still, there is a note of personality that shines through even the radio shorthand.

"This is 2A, southern Florida, Seventy-three," said one disembodied voice, using the numbers that mean, "best regards."

Msg# TSP Size Read To @ BBS\_ .From  
5884 BN 3347 2 ALL EJ6EO  
Subj: RFI AND YOUR NEIGHBOR P1.1

To: RMAIL@WA2VXT ALL@WB2DRD ALL@WA2VXT ALL@K3GYS ALL@WB2ZJF

RFI - HOW TO DEAL WITH YOUR NEIGHBOR - - By Bill Walton EJ6EO

In these bulletins we will take a look at how to resolve RFI problems affecting Home Entertainment Equipment. I have divided the procedure into 3 parts:

\*COOPERATION

\*EDUCATION

\*DEVICE REPAIR

#### PART ONE: COOPERATION

The most important step to be taken in dealing with an RFI problem is to cooperate and be courteous with your neighbor. Every neighbor is different, some are extremely angry about the interference and others are very cooperative. The cooperative neighbor usually can be dealt with easily, but it's the other angry yelling neighbor that is the hardest to deal with.

Over the years, it seems that most of my RFI problems have aroused the worst neighbors. I have been yelled at, had my life threatened, and even had my personal property damaged. After thinking about the problem for a while, I decided that it was time to out think these nasty neighbors and maneuver them intelligently so that they would be willing to cooperate with me in resolving the matter. Usually when one of these nasty neighbors comes over, he has had a terrible day at work, just had an argument with his wife, bit by his dog etc. He decides to retreat to his last place of PEACE (TV, STEREO, PHONE OR OTHER HOME ENTERTAINMENT DEVICE).....but NO.....instead he has a front row seat in your Ham Shack which just burns him up to the max. The VOICE RAISES, THE FEET STOMP, and there is a LOUD knock upon your door.

As the door opens you hear "YOUR #@!&%\*! radio is interfering with my TV! (STEREO, PHONE ETC.). This moment is where YOU begin to control the situation. NEVER argue as you will lose control of the situation and the cure. The response that has worked the best for me is "OK sorry, I did not know that my HAM RADIO was interfering with your equipment. I will stop transmitting and come over to see you tomorrow and we can discuss the matter. Usually, after your neighbor cools off he will feel like a JERK for yelling at you and apologize. Now it is time to put part 2 into action, EDUCATION.

END PART ONE.

1333z, 333 msgs @WA2VXT MailBox>

Msg# TSP Size Read To @ RDS From  
6108 RN 3054 3 All 1J6ED  
Subj: RFI AND YOUR NEIGHBOR Pt.2

To: RMAIL@WA2VXT ALL@WB2DRD ALL@WA2VXT ALL@EJOYS ALL@WB2ZJH

RFI- HOW TO DEAL WITH YOUR NEIGHBOR - - By Bill Walton KJ6EO

In part 1 we discussed how to control a NASTY ANGRY neighbor who is pounding your door down with an RFI complaint. Here in part 2 we will educate this neighbor about HAM RADIO.

#### EDUCATION:

The only thing that your neighbor probably knows about HAM RADIO is that he is receiving it over his HOME ENTERTAINMENT DEVICES. Casually begin to talk to your neighbor about HAM RADIO. Starting with PUBLIC SERVICE usually gets his attention. Explain how HAMS have saved many lives and assisted with communications in times of disasters all over the world. Explain that HAM RADIO was created to have a resource of trained radio operators ready to assist in these times of need. Let him know that if a disaster occurred where you live, that you would be able to get information through when all other communication services are down.

Another important step is to tell your neighbor how HAMS have to STUDY order to get their licenses. A short talk about the written tests, and the code tests will most likely impress him and convince him that you do indeed know what you are talking about.

It is now time to EXPLAIN why some devices will receive RFI and why some will not. Tell your neighbor that MOST electronic home entertainment devices are not properly filtered against RFI due to lack of concern by the ELECTRONIC MANUFACTURERS who make them. EXPLAIN that for PENNIES they could have prevented the whole problem by including a few capacitors and chokes that would have RFI proofed their product.....(shifting guilt over to them). NOW, it is time to tell your NEIGHBOR that you know how to most likely resolve the problem with a few simple devices. This brings us to PART 3.

END PART 2

1334z, 333 msgs @WA2VXT MailBox>

3 TALK MANY TNX

3 TALK MANY TNX

I wish to extend my gratitude to Marla (N2DWR), Sam Rosenberg (N2DWO), Goldie Rosenberg and David Bozarth (Harmonic of N2DUR), and Gladys Fisher for their most valuable assistance in: Stuffing envelopes with the new Membership Roster, Membership Roster correction, Repeater package, and Hamfest flyer. It was a lot

work. Then! they prepared over 1500 Hamfest flyers that were sorted by Zip Code and labelled with the NEW Bull Rate system. It was all completed on Thursday July 20, and mailed July 21 from Bellmawr..Again many tn timer. John K2JF>



## RFI-HOW TO DEAL WITH YOUR NEIGHBOR -- By Bill Walton KJ6EO

In part 2, we discussed how to EDUCATE your neighbor about HAM RADIO. Here in part 3, we will explore several methods of RFI proofing the neighbors Home Entertainment Devices.

### PART 3: DEVICE REPAIR

Simple chokes, capacitors, and high pass filters are available at your local Radio Shack store which will reduce or eliminate the RFI problem. Follow the instructions on the package on how to install the DEVICE. I have installed the DEVICES in the manner described below with GOOD results:

**TV:** Install a SNAP TOGETHER CHOKE (pt.1) on the POWER CORD of the set. Wind as many turns as you can get on the choke. The more turns the choke has the better it will perform in reducing RF on the line that it is attached to.

Install a HIGH PASS FILTER (pt.2) into the ANTENNA FEEDLINE as close to the set as possible. If the TV has a VCR, install the HIGH PASS FILTER into the ANTENNA FEEDLINE as close to the VCR as possible. Also, place a SNAP TOGETHER CHOKE on the POWER CORD of the VCR. If the TV has a cable converter box, install a SNAP TOGETHER CHOKE on the POWER CORD of the converter box.

**STEREO:** Install a SNAP TOGETHER CHOKE on the RIGHT and LEFT speaker wires as close to the amplifier as possible. Install an other SNAP TOGETHER CHOKE on the POWER CORD of the Stereo Amplifier. If you still receive RFI on the STEREO, it may be necessary to install SNAP TOGETHER CHOKES on the POWER CORDS of all the components in the system. You can try switch the input on the STEREO AMPLIFIER back and forth from AUX - TUNER - TAPE to locate the RF entrance source. THEN install a SNAP TOGETHER CHOKE on all lines IN and OUT of the effected unit.

**PHONE:** Install a SNAP TOGETHER CHOKE on the TELEPHONE LINE as close to the telephone as possible. If the CHOKE does not eliminate all the interference, (WITH YOUR NEIGHBORS PERMISSION) open the case of the TELEPHONE and install TWO 88mH chokes (pt.3) one in the (GREEN, or TIP lead) and one in the (RED, or RING lead). These chokes will eliminate RFI in all but the worst cases.

If you follow the suggestions contained in these bulletins, I am sure you will have positive results. I do not claim to be an expert on RFI matters, or on how to deal with angry NEIGHBORS. HOWEVER, I did want to share with you my opinion on how to deal with these matters. Thanks to Mike Curtis WD6EHR of The Telephone Man Communications Systems for his information on the installation and use of the 88mH chokes.

Regards and 73.....Bill/SYSOP/KJ6EO @ KJ6EO

(pt.1) Radio Shack SNAP TOGETHER TOROID CHOKE CORE. Part #273-104  
(pt.2) Radio Shack HIGH PASS FILTER. 75 OHM. Part #15-579  
300 OHM. Part #15-581

(pt.3) 88mH choke available through AMIDON ASSOCIATES.

\*\*\*\*\* FOR SALE \*\*\*\*\*

2-SMART TERMINALS                      2-AC LINE FILTERS                      EICO SIGNAL GENERATOR  
EICO TV-FM SWEEP GENERATOR                      EICO RESISTANCE-CAPACITANCE METER  
SIGNAL TRACER                      OTHER TEST EQUIPMENT                      TELEPHONE MODEM(IN CASE)  
ASSORTED PC BOARDS CONTAINING CHIPS, CHIP SOCKETS,SWITCHES,CRYSTALS,  
RELAYS,12V TRANSFORMER AND ETC. HOME MADE TUBE TYPE INTERCOM. ASSORTED  
TRANSISTORS,LEDS,CAPS,RESISTORS,NUTRSTORS,CRYSTALS,TRANSFORMERS,CIRCUT BKRS.  
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NOTICE      NOTICE      NOTICE      NOTICE      NOTICE      NOTICE      NOTICE      NOTICE      NOTICE  
\*\*\*\*\*      \*\*\*\*\*      \*\*\*\*\*      \*\*\*\*\*      \*\*\*\*\*      \*\*\*\*\*      \*\*\*\*\*      \*\*\*\*\*      \*\*\*\*\*

PLEASE KEEP IN MIND THAT THE TECH TALK MEETING NIGHT FOR THE MOUNTH OF  
AUGUST WILL NOT BE IN SESSION. WE HAVE BEEN HAVING VERY FINE SPEAKERS AND GREAT  
ATTENDANCE BY ALL. DON'T FORGET COME SEPTEMBER WHEN THE VACATION SEASON IS OVER  
WE WILL START UP AGAIN BUT THIS TIME ON A MORE CONVENIENT EVENING. LOOKING  
FORWARD AS YOUR CHAIRMAN TO A GREAT YEAR FOR THE EXCHANGING OF IDEAS. COME OUT  
AND GIVE YOUR SUPPORT BUT MOST OF ALL TAKE HOME SOME KNOWLEDGE OF HAM RADIO.

TNX CHARLIE K2POD

\*\*\*\*\* FOR SALE \*\*\*\*\*

KENWOOD TS-520S W/MANUAL                      KENWOOD SP-520 SPEAKER                      SHURE 444 MIKE(SWAN)  
HEATHKIT HD-10 ELECTRONIC KEYSER W/MANUAL                      BENCHER PADDLES  
JOHNSON VIKING MATCHBOX 0-275W W/MANUAL                      AUTEK QF-1A SSB/CW/AM FILTER  
R&W 5 POSITION COAX SWITCH                      TYMETER 24 HR CLOCK  
PACE P5453 SWR/FSI METER                      1987 US CALL BOOK                      R&W LOW PASS FILTER  
CUSHCRAFT 10-3CD 10 METER BEAM W/50 FT COAX W/MANUAL==THIS ANTENNA WAS PUT UP  
FOR ONLY TWO WEEKS,HAS ONE BROKEN ELEMENT. PARTS AVAILABLE VIA UPS  
LAFAYETTE MICRO 6CH CB.                      HYGAIN 40 CH CB REMOTE TYPE UNIT.  
ALL ITEMS FOR \$500.00 PACKAGE DEAL ONLY,CALL AL N2FJQ                      AFTER 6PM

#### VACATIONIN IN CANADA?

If you are planning a northerly trek this summer, remember that Canada and the United States share and AUTOMATIC reciprocal operating agreement. This means that FCC licenses are valid in Canada without having to file a request for an operating permit with the Canadian Department of Communications (DOC). It is best to carry your original FCC license when entering Canada. Remember to sign your US call sign followed by the proper Canadian prefix. (example: K2JF/VE6). Should you have difficulty getting your equipment through customs, referral to their customs Memoranda D2-1-1 (pg) and D19-4-2 (p4) will remind the officer that your FCC license is valid in Canada, and that your equipment may be imported as part of your personal baggage. While operating in Canada you must stay within the limits of your FCC authorized frequencies. Canadian repeaters are listed in the ARRL REPEATER DIRECTORY, available from your local Amateur Radio book distributor or from ARRL HQ. Further information on reciprocal licensing may be obtained by sending a business size self-addressed stamped envelope to ARRL HQ, attention Regulatory Information Department."

ARRL/K2JF.



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#### FCC DENIES ARRL MOTION FOR STAY IN PART 15 REVISION

On June 19, 1989, FCC denied the ARRL Motion for Stay of the effective date of Part 15 revision. In the motion for Stay, the League demonstrated that irreparable harm would occur if the new Part 15 standards are allowed to go into effect as scheduled on June 23, 1989. Part 15 devices are unlicensed, low-power transmitters, such as garage door openers. The League argued that the general radiated limits for Part 15 devices are too high and warns against the co-location of Part 15 devices and amateur stations due to the interference potential. Tnx K2JF

#### FCC DENIES ARRL REQUEST FOR ORAL ARGUMENT

FCC has denied ARRL's request for oral argument before the full Commission with regard to General Docket 87-14, the reallocation of 220 to 222 MHz band for the Amateur Radio Service to commercial land mobile interest.

#### ARRL FILES COMMENTS ON BEACON SUBBAND NPRM

ARRL has filed comments on the FCC Notice of Proposed Rule Making (NPRM) in FR Docket 89-65 which proposes changing the subbands for 2 meter and higher frequency automatically controlled beacons. Here is a comparison between the present beacon subbands and the ARRL proposal:

Present	Proposed
144.05-144.06MHz	144.275-144.300MHz
220.05-220.06 "	220.275-220.300 "
222.05-222.06 "	-----
432.07-432.08 "	432.300-432.400 "

In the NPRM, FCC notes that 220-222 MHz "had been reallocated...but that beacons may continue to transmit in the 220-222 MHz segment until such time as the rules are adopted effecting the reallocation." ARRL noted that we have no indication when the reallocation will take effect and that 220 MHz beacon subband should be moved to 220.275-220.300 in the meantime --or, at the very least, the changes at 144 and 432 MHz should be adopted and proceeding kept open for action on 220 MHz." Tnx ARRL/K2JF

**PART 97 REWRITE:** The Club now owns 5 copies of the "NEW PART 97...AMATEUR RADIO SERVICE RULES ..Plus not only the new rules but entire text of the new Rules and the entire Report & Order detailing Amateur comments on the Rules. A very important change that is little noticed in the VEC testing and it is " The FCC now specifies the number of questions that must be answered correctly

FOR EACH WRITTEN ELEMENT TOPIC (rather than a percentage of correct answers) to eliminate the uncertainty as to the exact number of questions on a particular examination topic that must be answered correctly."

#### ON NO CODE:

The Commission has before it six or seven rulemaking petitions asking for a no-code license. The board of directors of the ARRL is now in general surveying attitudes of amateurs around the country....(If you want to get your ticks in write to the Atlantic Director of our area Hugh Turnbull). Tnx K2JF. (10)

R: 890719/0455z 17286-WB2QJA +White Plains,NY Z:10606 F:221.11  
R: 890719/0424z 32645-KD6TH +Wyckoff, NJ - 07481 Metro NY/NJ A:201 F:221.11  
Date: 18 Jul 89 22:42:01 EDT (Tue)  
From: wa2zyu-kblbd.nj.usa.hamradio.org.iso (Ed Finn)  
Message-ID: <10350-KB1BD> (Cranbury,NJ - 08512)  
To: RMAIL-WA2VXT ALL-WB2DRD ALL-WA2VXT ALL-KE2M ALL-WB2ZJF  
Subject: 10 MTR BEACONS

Expires: 890918

10 METER BEACON'S de K2OLG

7/19/89

FREQ.	CALL	OPERATION	LOCATION	NOTES
28.175	VE3TEN	C	OTTAWA, CANADA	10W, GP
28.191	VE6YF		EDMONTON, ALBERTA	10W
28.195	IY4M	ROBOT	BOLOGNA, ITALY	20W, 5/8 GP
28.200	GB3SX	C	CROWBOROUGH, ENGLAND	8W, DIPOLE
28.200	KF4MS	C	ST. PETERSBURG, FLA	75W, GP
28.201	LU8ED		ARGENTINA	5W
28.2025	ZS5VHF		NATAL, RSA	5W, GP
*28.204	DL0IGI	C	W. GERMANY	100W, VERT. DIPOLE
*28.206	KJ4X		PICKENS, SC	2W, VERTICAL
28.2075	W8FKL	C	VENICE, FLA	10W, VERT.
28.208	WA1IOB	C	MARLBORO, MASS	75W, VERT.
*28.209	NX2O		STATEN ISLAND, NY	
28.210	3B8MS	C	MAURITIUS	GP
28.210	K4KMZ	I	ELIZABETHTOWN, KY.	20W, VERT.
*28.210	KC4DPC	C	FAYETTESVILLE, NC	4W, DIPOLE
28.212	EA6RCM		PALMA DE MALLORCA	4W, 5 EL NNE
28.2125	ZD9GI	C	GOUGH IS.	GP
28.215	GB3RAL	C	SLOUGH, BERKSHIRE	20W, GP
28.2175	W8UR		MACKINAW ISLAND, MI	.5W, GP
28.2175	WB9VMY	C	CALUMET, OK.	2W, DIPOLE
28.2195	LU4XS		CAPE HORN	
28.220	5B4CY	C	CYPRUS	26W, GP
*28.221	PY2GOB		SAN PAULO, BRAZIL	15W, VERT.
28.222	W9UXO	C	NR CHICAGO, ILL.	10W, GP
28.2225	HG2BHA	C	TAPOLCA, HUNGARY	10W, GP
28.2275	EA6AU	C	MALLORCA, BALEARIC IS.	10W, 5/8 GP
28.230	ZL2MHF	C	MT. CLIMIE, NZ.	50W, VERT. DIPOLE
28.231	N4LMZ	C	MOBILE, ALA.	2W, 5/8 GP
28.232	W7JPI/AZ	C	SONOITA, ARIZ.	5W, 3 EL YAGI NE
28.233	KD4EC	C	JUPITER, FLA.	7W, GP
28.235	VP9BA	C	HAMILTON, BERMUDA	10W, GP
28.2375	LA5TEN	C	OSLO, NORWAY	10W, 5/8 GP
28.2405	5Z4ERR	C	KIAMBU, KENYA	
28.245	A92C		BAHRAIN	NW/SE DIPOLE
*28.2455	ZS1CTB	C	CAPETOWN, RSA	20W, 1/4 VERT.
28.247	EA3JA		BARCELONA, SPAIN	
28.2475	EA2HB	I	SPAIN	6W, GP
28.248	K1BZ	C	BELFAST, MAINE	5W, VERT. DIPOLE
28.250	K0HTF	C	DES MOINES, IA	2W, GP
28.250	Z21ANB	C	BULAWAYO, ZIMBABWE	15W, GP
*28.2505	4N3ZHK	C	MT. KUM, YUGOSLAVIA	1W, VERT.
*28.252	WJ7X	C	SEATTLE, WA	5W, RINGO
*28.252	WB4JHS	I	FLORISSANT, MO.	7W, VERT.
28.2525	OH2TEN		FINLAND	
28.255	LU1UG		GRAL PICO, ARGENTINA	5W, GP
28.2575	DK0TEN	C	ARBEITSGEN, W. GERMANY	40W, GP
28.260	VK5WI	C	ADELAIDE, SA, AUSTRALIA	10W, GP
28.262	VK2RSY	C	SYDNEY, NSW, AUSTRALIA	25W, GP
28.264	VK6RWA	C	PERTH, WA, AUSTRALIA	
28.266	VK6RTW	C	ALBANY, WA, AUSTRALIA	

28.266	KB4UPI	C	BIRMINGTON, ALA	20W, 1/4 VERT.
28.2685	W9KFO	I	EATON, ILL	750MW, VERT.
28.270	ZS6PW	C	PRETORIA, RSA	10W, 3 EL YAGI
28.270	VK4RTL	C	TOWNSVILLE, QLD, AUSTRALIA	
28.2725	9L1FTN	I	FREETOWN, SIERRA LEONE	10W, VERT. DIPOLE
28.275	AL7GQ	C	JACKSON, MISS.	500MW/1W, LOOP
28.2755	N6RDX	I	STOCKTON, CA	20W, 3 EL YAGI
28.2775	DF0AAB	C	KIEL, W. GERMANY	10W, GP
28.280	LU8EB		ARGENTINA	5W
28.282	VE1MUF	C	FREDRICKTON, NB, CANADA	500MW, DIPOLE
28.282	VE2HOT	C	BEACONSFIELD, QUE	5W, VERT DIPOLE
28.284	VP8ADE	C	ADELAIDE IS, NR ANTARCTICA	8W, V BEAM TO G LAND
28.286	KA1YE		NR ROCHESTER, NY	2W, VERT. DIPOLE
28.287	W8OMV		NR ASHVILLE, NC.	5W, GP
28.287	H44SI	C	SOLOMON IS.	15W
28.288	W2NZH	I	MOORESTOWN, NJ	3W, GP
28.288	W6IRT		CALIFORNIA	5W, GP CODE PRACTICE
28.290	VS6TEN	C	HONG KONG	10W, VERT.
28.292	ZD8HF		ASCENSION ISLAND	
28.2925	LU2FFV		SAN JORGE, ARGENTINA	5W, GP
28.295	WC8E	I	CINCINNATI, OHIO	10W, RINGO
28.296	W3VD	C	LAUREL, MARYLAND	1.5W, VERT. DIPOLE
28.297	WA4DJS	I	FT. LAUDERDALE, FLA	10W, 250 FT LONGWIRE
28.300	PY2AMI	C	SAN PAULO, BRAZIL	10W, VERT. DIPOLE
28.301	ZS1LA	C	STILIBAY, RSA	20W, 3 EL YAGI NW
28.3025	PT7AAC		FORTALEZA, BRAZIL	5W, GP
28.306	PT8AA		RIO BRANCO, BRAZIL	5W, GP
28.315	ZS6DN	C	IRENE, RSA	100W, VERT.
28.992	DF0ANN		MOTITZBERG, W. GERMANY	20MW, 1 EL DELTA LOG

\* REVISION

Message-ID: <8394-WA2VXT> (Waterford Works,NJ)

To: n2fjq

Subject: NOSTALGIA XTALK

NOSTALGIA

The best know radio station around the 1920's was in fact the Eiffeltower in Paris with its call FL. Everyone relied on the Eiffeltower; ships radio operators used it for adjusting the ship's chronometer and others listened to press telegrams and weather reports as well as broadcast concert performances. As the world's tallest construction, suggestions to use it as a radio tower

were put forward in 1904. Four wires were stretched out from the top in four directions. The radio station itself was placed under-ground and only a small fenced in hole in the surrounding lawn where the feeder line came down, showed

where the radio station was situated. The actual entrance to the station was discreetly hidden in amongst some shrubs on the outskirts of the area.

By 1927 the Effeltower had become a military station with military personnel.

They used various transmitters for different bands, and by this time several more antenna-wires had been added to the top. Tnx H1DXA/K2JF.

0320z, 582 msgs -WA2VXT MailBox>

From: KD2BW-N2BQF

To: RMAIL-WA2VXT ALL-WB2DRD ALL-WA2VXT ALL-KE2M ALL-WB2ZJF

Subject: fcc appointment MS. Marshall

I just received my July 24, 1989 issue of Network World. One of the articles states that the business of the FCC has been stymied by the fact that Diaz Dennis is abstaining from some of their business because she is discussing a possible job with MCI.

What does this lead to? Well, the article indicates that the Senate subcommittee on communications will probably begin confirmation hearings this week. Ms Sherrie Marshall is one the individuals who is up for consideration. As most of you know by now, Ms. Marshall is supposed to be an employee of the law firm representing UPS in their attempt to obtain part of our 220 MHZ frequencies.

Although rumored to be anti-ham, I have seen NO proof of this. However, I think that we should begin, if we have not done so, writing about this. NO don't write to your Senator's, write to the Communications Subcommittee of Senate Commerce, Science and Transportation Committee, which governs the FCC.

Now, lets not go off half cocked on this. We don't have definite proof that Ms. Marshall is anti ham, however, I think we should write and express our concerns. We should ask that the subcommittee determine her feelings toward Ham Radio and her involvement in the UPS situation. If she is anti ham or had been very involved in the UPS situation, what action she will take when these subjects are brought up. Will she abstain from the hearings, voting, etc.

following is a list of the member of the subcommittee. It is to these individuals we should write. BUT REMEMBER, be careful of what you say, and how you say it! We don't want to come across as a bunch of illiterate idiots! Just ask that this subject be broached, and that careful consideration be given to her responses! Point out the benefits of Ham Radio and what it can do.

Here are the senators who are members of the subcommittee needing your input on choosing FCC commissioners. I obtained this information off of compuserve and I think the author probably has address the guidelines for you letters than I have.

Inuye	Hawaii	(Chairman, Communications Subcommittee)
Hollings	South Carolina	(Chairman, Commerce, Sc. & Trans. Comm.)
Ford	Kentucky	
Gore	Tennessee	
Exon	Nebraska	
Kerry	Maine	
Bentsen	Texas	
Breaux	Louisiana	
McCain	Arizona	
Stevens	Alaska	
Pressler	South Dakota	
Packwood	Oregon	
Gorton	Washington	

(There is one from Montanna, but I lost it in the downloading)

Address each piece of mail to an individual senator at:

(Senator's Name)

U.S. Senate

Washington, DC 20510

(13) CONTINUE NEXT PAGE

Do not try to use their individual office number. Right now a lot of them are changing offices, and the address above is best.

Keep your letter to the point, leave out any long harangues, and use a spelling checker if you have one. Don't accuse Ms. Marshall of doing anything wrong UNLESS YOU HAVE SPECIFIC EVIDENCE. Wild allegations do not help our cause. A suggestion that she may not possess the objectivity to regulate ham frequencies in the public interest may be sufficient.

73,  
Tad Cook  
KT7H - WS7M  
Mail Mail: 3288544  
Please write! We must take some logical and cool headed action.  
John KD2BW - N2BQF-4  
2055z, 342 msgs -KE2M MailBox ==>

HAMFESTS IN THE ATLANTIC DIVISION, ARRL  
July 15, 1989

Updated hamfest bulletins will be issued periodically. Hamfests not listed in this edition can be included in future bulletins, if sponsors will send information to W3ABC either - WA3ZNW or the callbook address. The application package for ARRL hamfest sanction is available from Bernice Dunn KA1KXQ at ARRL Headquarters. There is no fee for ARRL sanction.

Note: + denotes ARRL Sanction

+Jul 30 BRATS, Timonium, MD  
Aug 6 Red Rose Repeater Assn, Lancaster, PA  
+Aug 13 Mid-Atlantic ARC, Warrington, PA  
+Aug 19 Tompkins County, Ithaca, NY  
+Aug 20 Kent ARC, Dover, DE  
+Aug 27 Gloucester Co. ARC, Mullica Hill, NJ  
Sep 9 Uniontown, PA  
+Sep 10 Butler ARA, Butler, PA  
+Sep 10 Gaithersburg MD  
+Sep 16 Liverpool, NY  
+Sep 17 Skyview ARC, New Kensington, PA  
+Sep 17 SJRA, Pennsauken, NJ  
+Sep 23-24 York, PA  
Sep 30 Elmira, Horseheads, NY  
+Oct 8 Pack Rats, Warrington, PA  
+Oct 14 RAGS, Syracuse, NY  
Oct 15 CCARS, Carlisle, PA  
+Oct 15 CARA, West Friendship, MD  
+Oct 22 Penn Wireless, Bensalem, PA  
+Nov 19 WACOM - Washington, PA



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73 de Hugh Turnbull W3ABC  
ARRL Atlantic Division Director  
- WA3ZNW +209061

2040z, 675 msgs -WB2MNF MailBox>

QST DE WIAW  
HR ARRL BULLTIN NR 38 ARLB038  
FROM ARRL HEADQUARTERS  
NEWINGTON CT JULY 14, 1989  
TO ALL RADIO AMATEURS BT

ARRL HAS DISCOVERED THAT THE HOUSE ENERGY AND COMMERCE COMMITTEE IS PROPOSING A BUDGET RECONCILIATION PACKAGE THAT INCLUDES INCREASES IN FCC COST OF REGULATION FEES IMPLEMENTED FOUR YEARS AGO BY CONGRESS. AT THE TIME OF THEIR IMPLEMENTATION, AMATEUR RADIO WAS EXEMPTED FROM THESE FEES. THIS EXEMPTION IS NOW IN QUESTION.

ON JULY 13, THE COMMITTEE PROPOSED AN AMATEUR APPLICATION FEE OF 30 DOLLARS FOR A NEW LICENSE, MODIFICATION OF LICENSE, RENEWAL OF LICENSE, RECIPROCAL PERMIT FOR ALIEN AMATEUR LICENSE, RENEWAL OR MODIFICATION OF AMATEUR CLUB, RACES, OR MILITARY RECREATION STATION LICENSE.

THE OTHER PRIVATE RADIO SERVICES LICENSES ARE SIMILARLY AFFECTED AR 2033z, 675 msgs -WB2MNF MailBox>

From: N1API-N1API  
To: ALL-ARL

QST DE WIAW  
HR ARRL BULLTIN NR 38 ARLB038  
FROM ARRL HEADQUARTERS  
NEWINGTON CT JULY 14, 1989  
TO ALL RADIO AMATEURS BT

ARRL HAS DISCOVERED THAT THE HOUSE ENERGY AND COMMERCE COMMITTEE IS PROPOSING A BUDGET RECONCILIATION PACKAGE THAT INCLUDES INCREASES IN FCC COST OF REGULATION FEES IMPLEMENTED FOUR YEARS AGO BY CONGRESS. AT THE TIME OF THEIR IMPLEMENTATION, AMATEUR RADIO WAS EXEMPTED FROM THESE FEES. THIS EXEMPTION IS NOW IN QUESTION.

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THE OTHER PRIVATE RADIO SERVICES LICENSES ARE SIMILARLY AFFECTED AR 2035z, 675 msgs -WB2MNF MailBox>

QST DE WIAW  
HR ARRL BULLETIN NR 41 ARLB041  
FROM ARRL HEADQUARTERS  
NEWINGTON, CT JULY 25, 1989  
TO ALL RADIO AMATEURS BT

IN AN EFFORT TO PROVIDE MORE INTERFERENCE FREE RECEPTION FOR LISTENERS TO THE CODE PRACTICE AND BULLETIN TRANSMISSIONS, EFFECTIVE AUGUST 1 ALL REGULARLY SCHEDULED WIAW CW TRANSMISSIONS WILL BE SENT ON 14047.5 KHZ ON 20 METERS, ON 7047.5 KHZ ON 40 AND ON 21077.5 KHZ ON 15. COMMENTS ON RECEPTION ON THESE NEW FREQUENCIES WILL BE WELCOMED AR 2311z, 816 msgs -WA2VXT MailBox>



# DISKOVER US!

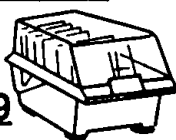
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Apple Imagewriter	\$2.80
Brother HR15/25(ms)	\$2.55
Citizen 120D/1800	\$4.25
Commodore 801	\$2.80
Diablo Hytype II(ms)	\$1.90
Epson EX 800/1000	\$6.00
Epson MX,RX,FX-70/80/85	\$2.70
NEC P2/P6	\$4.75
NEC P3/P7	\$5.00
Okidata 293/294	\$8.00
Okidata 182/192/320/321	\$4.25
Okidata 80/82/S. Gemini 10	\$1.00
Okidata 84	\$3.50
Panasonic KXP-1090/1124	\$3.50
Star NX/NP/ND-10/NB24-10	\$4.30
Toshiba 1350/351/341/(HD)	\$3.50

Other ribbons available.

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5 1/4" File - holds 60 Disks.  
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## DISKS

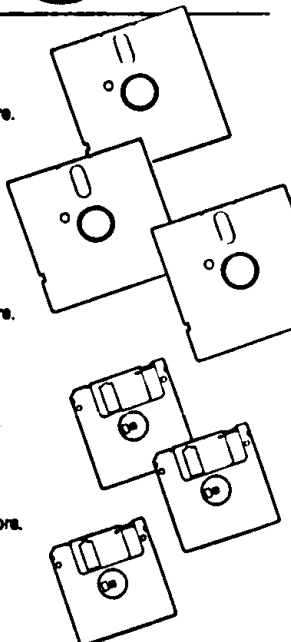
32¢ each, less than 100. 34¢ WHITE BOX available, 100 or more.  
• 5 25 DS DD, Black • Sleeves • 5 Color Labels w/ Tabs  
IN 17 COLORS ..... 41¢ ea., 100 or more  
(Minimum lot of 20; one color per lot) 45¢ ea., less than 100  
IN 17 COLORS, WHITE BOX ..... 46¢ ea., 100 or more  
(One color of 10 per box) 50¢ ea., less than 100

**59¢** BULK  
each, 100 or more

62¢ each, less than 100. 64¢ WHITE BOX available, 100 or more.  
• 5 25 HD/AT, Black • Sleeves • 5 Color Labels w/ Tabs  
IN 8 COLORS ..... 89¢ ea., 100 or more  
(Minimum lot of 20; one color per lot) 94¢ ea., less than 100  
IN 8 COLORS, WHITE BOX ..... 94¢ ea., 100 or more  
(One color of 10 per box) 98¢ ea., less than 100

**\$1.07** BULK  
each, 50 or more

\$1.11 each, less than 50. \$1.12 WHITE BOX available, 50 or more.  
• 3 1/2 DS DD, Blue, Gray & Black • 5 Color Labels  
IN 5 COLORS ..... \$1.28 ea., 50 or more  
(Minimum lot of 10; one color per lot) \$1.32 ea., less than 50  
IN 5 COLORS, WHITE BOX ..... \$1.33 ea., 100 or more  
(One color of 10 per box) \$1.37 ea., less than 100



## CONTINUOUS FORM LABELS

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2 3/4 x 7/16	1 across	10,000	\$2.05
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2 1/2 x 15/16	3 across	15,000	\$2.30
2 3/4 x 23/4	1 across	2,500	\$12.00
2 3/4 x 17/16	1 across	5,000	\$3.75
3 x 15/16	4 across	20,000	\$2.10
3 3 x 15/16	4 across	20,000	\$2.15
3 1/2 x 15/16	1 across	5,000	\$2.00
3 1/2 x 15/16	2 across	10,000	\$2.00
3 1/2 x 15/16	3 across	15,000	\$2.00
3 1/2 x 15/16	4 across	20,000	\$2.00
4 x 15/16	1 across	5,000	\$3.50
4 x 15/16	3 across	15,000	\$3.50
4 x 17/16	1 across	5,000	\$3.55
4 x 17/16	3 across	15,000	\$3.55

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8:00 A M SHARP

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MEETING OR LEAVE MESSAGE AND TEE  
SHIRT SIZE ON MY MACHINE.

T'NX WAIT

\*\*\*\*\* FCC EXAMS \*\*\*\*\*

FCC EXAMS, THIRD THURSDAY OF EACH  
MONTH, 7:00 PM SHARP, BELMAWP  
COMMUNITY CENTER, BROWNING RD. AND  
LEWIS AVE. NO PRE-REGISTRATION IS  
NECESSARY. FEE \$4.75. MUST BRING  
ORIGINAL FCC LICENSE AND COPY OF  
SAME PLUS SOME OTHER FORM OF  
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2ST DE W1AW  
HR DX BULLETIN NR 28 ARLD028  
FROM ARRL HEADQUARTERS  
NEWINGTON CT JULY 21, 1989  
TO ALL RADIO AMATEURS BT

THANKS TO K1XM, THE SOUTHERN NEW ENGLAND DX ASSOCIATION AND THE  
YANKEE CLIPPER CONTEST CLUB FOR THE FOLLOWING DX INFORMATION.

SOUTH YEMEN. PAUL, 10RBJ, HAS INFORMED THE DXCC DESK THAT HE WILL BE  
OPERATIONAL FROM THIS MUCH NEEDED MIDDLE EAST COUNTRY FROM JULY 22 TO  
26. HE WILL BE SIGNING 700A OR 701RBJ. SUGGESTED FREQUENCIES ON SSB  
ARE 14145 KHZ, LISTENING 14140 DOWN FOR DX AND 14175 UP FOR  
STATESIDE. ALSO 7045, 21245 AND 28545 KHZ AS DIRECTED. ON CW LOOK  
FOR HIM ON STANDARD FREQUENCIES. HE WILL BE USING A TRANSCEIVER AND  
A VERTICAL ANTENNA.

SIERRA LEONE. PA0GAM HAS RECENTLY BEEN ACTIVE AS PA0GAM/9L. HE IS  
EXPECTED TO RETURN TO THE SUDAN SHORTLY, POSSIBLY BECOMING ACTIVE  
AGAIN AS PA0GAV/ST2.

BOUVET. LA1EE, LA2GVP AND LA6VM ARE PLANNING AN EXPEDITION TO BOUVET  
IN DECEMBER. THE FIRST TWO ARE THE OPERATORS OF THE RECEIPT 3Y PETER  
1 ISLAND OPERATION. THERE ARE NO PLANS BY THE NORWEGIAN POLAR  
RESEARCH INSTITUTE TO TRAVEL TO BOUVET IN THE FORESEEABLE FUTURE, SO  
THIS TRIP WILL BE ENTIRELY FOR AMATEUR RADIO PURPOSES.

SVALBARD. UA6HZ/JW HAS BEEN VERY ACTIVE ON 15 AND 20 METERS. LOOK  
AROUND THE BOTTOM 10 KHZ OF EACH BAND AND AROUND 14.180 TO 190 KHZ.  
HE IS USUALLY ON AT 1900Z OR LATER.

CHAD. TT8CW HAS BEEN ACTIVE ON CW AND SSB. HE LIKES THE BOTTOM 5 TO  
10 KHZ OF 20 AND 15 METERS AND HE HAS ALSO BEEN ACTIVE ON 14025 KHZ.  
HE HAS ALSO BEEN ACTIVE ON SSB ON 14200 AND 14250 KHZ.

DJIBOUTI. TOM, 5H3TW, REPORTS THAT HE HAS A LICENSE TO OPERATE AS  
J20TW AND PLANS AN OPERATION IN THE FUTURE.

FIJI. SEVERAL STATIONS ARE REPORTED ACTIVE FROM FIJI, INCLUDING  
3D2MK, A YL OPERATOR. ONE OF THE OPERATORS IS OFTEN ON AROUND 14025  
TO 14030 KHZ AT 1100 TO 1230Z.

FEDERATED STATES OF MICRONESIA AND MARSHALL ISLANDS. THE V63 AND V73  
PREFIXES FOR THE FEDERATED STATES OF MICRONESIA AND THE MARSHALLS,  
RESPECTIVELY, ARE NOT EXPECTED TO BE ASSIGNED TO AMATEURS FOR TWO TO  
THREE MONTHS. IN THE MEANTIME, THE OLD KC6 AND KX6 PREFIXES WILL BE  
USED. THE REPUBLIC OF PALAU IS EXPECTED TO CONTINUE TO USE THE KC6  
PREFIX INDEFINITELY.

40 METER DXCC. THE DXCC DESK IS HAPPY TO ANNOUNCE THE RECIPIENTS OF  
THE FIRST TWENTY CERTIFICATES FOR THE NEWLY CREATED 40 METER DXCC  
AWARD. LISTED BELOW IS THE CERTIFICATE NUMBER, CALLSIGN AND TOTAL  
NUMBER OF DXCC COUNTRIES CONFIRMED FOR EACH OF THE TWENTY. DUPLICATE  
CERTIFICATE NUMBERS HAVE BEEN ASSIGNED WHEN TWO OR MORE AMATEURS HAVE  
BEEN CREDITED WITH THE SAME COUNTRY TOTALS.

1 W4DR	330	2 W8AH	321	3 JA2BAY	318	4 G3KMA	310
5 K4DY	308	6 JA8WR	307	7 JA1ELY	316	7 W9ZR	306
9 N4KG	305	10 JA2VPO	302	11 JA8EAT	301	11 SM0AJU	301
11 VK6HD	301	14 K1MM	299	15 DL1PM	297	16 K1MEM	295
17 JA1UQP	294	18 K5UR	293	19 K2TQC	292	20 W4VQ	291

2100z, 311 msgs -KE2M MailBox ==>



# AUGUST 1989



S M T W T F S

		1  10 METER NET 23:00 PM	2  MEMBERSHIP MEETING 20:00 PM WINDBURY VFW PSE ATTEND	3 	4  LUNCH 5 POINTS DINER	5  YL/OPI SUMMER SSB SPRINTS
6  ONES/ONES NET 14.1.7.18 RPT 20:00 PM	7 	8  10 METER NET 23:00 PM 29.350 USB	9 	10 	11  LUNCH 5 POINTS DINER	12  EUROPEAN DX CONTESTS
13  ONES/ONES NET 14.1.7.18 RPT 20:00 PM EUROPEAN DX	14 	15  10 METER NET 23:00 PM 29.350 USB	16  MEMBERSHIP DIRECTORS MEETING CLUB SITE 20:00 PM	17  ALL EXCEPT WELL KNOWN COMMUNITY CENTER 18:00 PM SHARP	18  LUNCH 5 POINTS DINER	19  HUNT TO THE CONTEST
20  ONES/ONES NET 14.1.7.18 RPT 20:00 PM CLUB PICNIC GARRISON LAKE	21 	22  10 METER NET 23:00 PM 29.350 USB	23  CROSSTALK DEADLINE PSE	24 	25  LUNCH 5 POINTS DINER	26  ALL ASIA DX CONTESTS
27  ONES/ONES NET 14.1.7.18 RPT 20:00 PM BOARD HAMFEST	28	29  10 METER NET 23:00 PM 29.350 USB	30 	31 		

PSE HELP OUT AT YOUR HAMFEST