

CROSSTALK

Published By and For The
GLOUCESTER COUNTY AMATEUR RADIO CLUB, W2MMD

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AREA NETS

ARES Net: Sunday, 8:00 PM 147.78/18 rptr
 Del. Valley Regional Emer. Net Sunday, 8:30 PM 224.66 rptr
 Club Repeaters: 147.78 - .18, 223.06 - 224.66 - 447.1 - 442.1

The Gloucester County Amateur Radio Club Meets the first Wednesday, of each month at the VFW hall in Woodbury Heights. Meetings begin promptly at 8 PM.

Please send any contributions for CROSSTALK to Tony Starr, WA2FZB,

Deadline for submissions is 10 days before club meetings.

PRESIDENTS'S MESSAGE - MARCH 1985

I hope that everyone enjoyed this months meeting, and that they found the program informative. It appears that packet radio is the item to have now. As everyone knows it is getting time to prepare your equipment for the coming events such as, bike hikes, parades, etc. I hope that there will be total club participation for these important activities. And a special reminder of "field day," as Jim will need alot of people behind him to make it a profitable day.

I've had alot of co-operation so far. Members are bringing me alot of information concerning trailers and Bill Datz has been doing a good job looking into property for the club! If anyone has anymore information or suggestions please feel free to call me. I hope that more people will volunteer, and remember to come out to the meetings, to find out what is going on and to voice their opinions.

Thank you,

President Tom Gordon, KB2GI

MARCH PROGRAM

Chick, WA2USI, reported that the person originally scheduled to be our speaker this month has cancelled, so we will have an alternative program. Chick will attempt to schedule an encore presentation of the Tonganoxie Island SPØOF DX-pedition video-tape. This is a humorous satire which is really entertaining. If you haven't seen this one, you should really try to attend the meeting and see it. You will certainly enjoy it.

HIGHLIGHTS - BOARD OF DIRECTORS MEETING

The monthly meeting of the Board was held at the home of Steve, KR1M, on February 20. Attending were N2BPN, KB2GI, K2JF, KR1M, WA2FZB, WA2TML, KC2PC, WA2USI, and N2BK. The meeting was called to order by President Tom Gordon at 7:15 PM.

K2JF reported that condolence cards were sent to WB3JVX, N2ATD, and WB2OZE for their recent loss of kin. Get-well cards were sent to W2GQK, N2SS, and KB2AB due to their recent hospitalizations.

A letter was received from a 10 year old scout who has become interested in Amateur Radio as a result of the Deptford Mall Demo.

K2JF got a list of all amateurs in our area from ARRL so he could determine how many GCARC members are not members of the ARRL. John also found many ARRL members in the area who are not members of the club.

Thirty-day advance notification is no longer required to the VEC prior to taking the exam. The FCC has issued a NPRM to eliminate the waiting period following an un-successful exam attempt. K2JF will

send a letter on behalf of the club supporting a 25 day period instead of the present 30 day period.

N2BPN reported that the demonstration at the Deptford Mall went very well, with more traffic on Saturday than on Sunday. Information on the annual fall novice classes was distributed. An HF rig and a working two-meter RTTY station were on display. Tom suggested that when we get a clubhouse, we look into sponsoring a Scout troop.

We still have a problem with the IRS. Following our initial request for tax-exempt status, they asked for more information which they claim they never received. Our accountant has advised us not to make any expenditures above normal operating expenses until we iron out the situation. Two of our members who are attorneys suggest we hire a tax lawyer.

Three new members were voted in: Jim DeForrest, N2DJZ, Tom and Mary Petruzzi, WA2OZG and AE2Y (Both former members)

Several members have again complained about people smoking at the meeting. This has been a problem in the past. We had asked the members not to smoke at the meetings, but apparently they had forgotten. We will bring it up again.

KR1M inquired as to the possibility of a permanent antenna at the Deptford Mall, but the Mall management has refused.

A discussion was held on the club's licensing classes and how to attract younger people. One suggestion was running only Novice/Technician classes and letting licensed hams achieve their Advanced and Extra class licenses through their own efforts.

KC2PC pointed out that the February general meeting was not valid because there was no treasurer's report. KB2GI will have the February report read before beginning the March meeting.

Repeater Report: WA2TML has sent a letter to the frequency co-ordinator. No reply yet. KA2KMW may have some information -- Chuck will get in touch with him.

The auto-dialer numbers are now loaded. The auto-patch is up only when a control operator is present. No control op has committed to a set time of day. The Emergency autodialer will be reactivated with only two numbers. K3WIL will activate it during the day and WA2USI will activate it at night.

The two-meter preamp is still at GLB and chuck will try to find out why from Russ.

There being no further business, meeting was adjourned at 10:30 PM.

TNX to Steve, KR1M, for the minutes

VEC TESTING for Radio Amateur License by the Gloucester County Amateur Radio Club's V.E. Team will be held on:

DATE: March 30th, 1985

TIME: 0930 to 1300 * Note the CW tests will be given at 0930 and 1100!

PLACE: GLASSBORO STATE COLLEGE, Westby Hall

COST: \$4.00 in cash, money order, or certified check.

EXAMS: NOVICE thru AMATEUR EXTRA

No preregistration required -- Talk - in 147.10, 224.96 -- For further information Please contact K2JF (609) 589-2318..

CONGRATULATIONS TO:

Bud Mathis, N2ATD, and Bill Datz, N2EWY for passing their EXTRA Class exams.

OUR CONDOLENCES TO:

Russ, WB3JVX, for the loss of his wife.
 Bud, N2ATD, for the loss of his mother.
 Harry, WA2VXT, for the loss of his father.
 Jose, WB2OZE, for the loss of his mother.

The club wishes a speedy recovery to: Jack, W2GQK, Tony, N2SS, and Ernie, KB2AB, all of whom have been recently hospitalized.

DUES ARE DUE!

Please remember to pay your 1985 dues by 31 March. Mail your check or money - order for \$15.00 to Bill Kardas, N2BK. After March, there is a \$5.00 late charge. Membership cards can be picked up from Bill at the meeting. Only those who cannot make the meeting will have their cards mailed.

SPARC HAMFEST

The Shore Points Amateur Radio Club will be holding "Springfest '85" on Saturday, March 30, 1985, at the 4-H Fairgrounds in Egg Harbor City, N.J. Tickets are \$2.50 in advance, \$3.00 at the door. Talk-in on 146.385/.985 and .52 simplex. For more information, write SPARC, PO Box 142, ABSECON, NJ, 08201.

JAYCEES BIKE - HIKE

The annual Jaycees Bike - Hike for retarded citizens will be held on Sunday, April 21, 1985. Chick, WA2USI, has signed up captains for the six routes; the routes are the same as last year.

They are: Woodbury, Deptford, Washington Twp., Woodbury, Pitman-Glassboro, and Newfield. To sign up, contact the captain of the route you wish to serve. Chick can tell you who is in charge of the route of your choice.

HELP WANTED

BAND CHAIRMAN: To serve in this year's annual Field Day. Responsibilities include hiring a team of operators, assembling a station, and helping to make this year's event successful and above all, fun. Salary is comparable to other Amateur Radio positions, including all you can eat.

OPERATORS: Good operators are needed for Field Day 1985. Experience helpful, but not absolutely necessary. A valid amateur radio license is required. Competitive salary includes free meals and overnight lodging.

FOOD SERVICE: Experienced food service personell are needed for Field Day, 1985. A challenging assignment, serving hungry ham radio operators who are competing with other clubs in the U.S. total dedication to hams and their activities is not a requirement. Excellent benefits include modern facilities and free meals.

Submit your name and application for these jobs to Jim Clark, KA2OSV, FD Chairman. at 962-7529, an equal opportunity employer.

SWAP & SHOP

FOR SALE: Midland - 13-509 220 MHz XCVR. with Kantronics preamp built in 1 watt low/12 watts hi power 12 Channel capacity -- 14 sets of crystals available -- will negotiate for these.
\$175.00 or Best Offer

AmComm 2meter linear amplifier. Model 2M15 AM/SSB 80 watts out with 10 watts drive. ½ watt minimum drive level yields 8 watts of output power. \$75.00 or Best Offer.

AZDEN PCF-4000 Synthesized mobile XCVR for two meters. Tones available. 5 watt low/25 watt hi power output. \$175.00 Firm.

Contact Chris Kelly, KC2PC on the air (147.18 or 224.66) or in person.

LES BELLES

IT'S NOT OUT OF THE QUESTION FOR ALL YOU YLS TO START BEING MORE ACTIVE IN PROJECTS WHERE OTHER YLS ARE --- SUGGEST:--

DAYTON HAMVENTION - APRIL 26,27,28 - THERE WILL BE TWO YL BOOTHS ONE BEING COVERED BY THE "BUCKEYE BELLES" OF OHIO AND THE OTHER COVERED BY Y.L.R.L. HOME MADE GOODIES ALONG WITH VARIOUS BOOKS TO LOOK AT WILL BE ON DISPLAY.

GLOUCESTER HAMFEST - AUGUST - WE HAVE TO MAKE PLANS FOR OUR BIG DAY - ARE YOU WILLING TO HELP ME? PLEASE LET ME KNOW SO WE CAN START TODAY WITH THE PLANS FOR OUR BIG DAY. SUGGESTIONS ARE MOST WELCOME.

SECOND AREA YL ARC - BETTER KNOWN AS "SAYLARC" WILL BE HAVING THEIR SPRING LUNCHEON MEETING APRIL 13TH IN THE CATSKILL MOUNTAIN AREA. ANYONE INTERESTED, PLEASE CONTACT ME. THIS IS A GOOD WAY TO MEET ALL YLS LIVING IN EITHER NEW YORK STATE OR NEW JERSEY.

PENN JERSEY YLS HAVE A MONTHLY MEETING - THESE ARE ALL YLS FROM EITHER PENNSYLVANIA OR NEW JERSEY WITH SOME ASSOCIATE MEMBERS IN OTHER STATES. MONTHLY SOCIAL LUNCHEON GATHERINGS ARE THE ORDER OF THE DAY WITH SOME DAY TRIPS AND/OR OTHER THINGS PLANNED. IF YOU ARE INTERESTED IN GOING TO ANY OF THESE EVENTS, KINDLY LET ME KNOW. THE PJYL'S HAVE REGULAR SKEDS ON THE AIR.

LET'S SEE IF THE YLS IN GCARC CAN GET TOGETHER AND HAVE A NICE TURNOUT FOR OUR FIELD DAY, HAMFEST, PICNIC OR WHATEVER MAY TAKE PLACE WITH THE CLUB.

73
Bess Ellen

N 2 R E

DA'S & DIT'S

W2MMD - a lot of credit should be given to the instructors who render their services free in order to give the VEC Test.

The RTTY Net has returned - Tuesday evenings - 8:00 PM on this repeater.

K3ALS - our sky pilot - why not visit his domain sometime?

Believe it or not, but in his hay day - AI2B caught a 80 lb. drum fish.

Not to be facetious - but it must take a lot of fortitude for KZ2N to leave a bottle of scotch at home while he attends a meeting.

Congrats to N2BDR and his XYL on the new arrival. It's a girl.

KN2QWO, formerly of New Jersey, now a rancher in Wyoming recently visited the area to day "hello" to everybody.

WA2TOP finds it more beneficial to jog in the evenings rather than the mornings.

Someone would like to know how W2GSN made out with the cow chips at the Ham-Fest held at the Guernsey Barn.

KA2KGD - fear not - we are all in the same boat - paying our electric bills under the gun.

P.S. - If I stepeth on thy toes - forgiveth me for I do it not with intent.

73 de "The Eavesdropper"

-BEWARE OF THE TIGER-

1. Beware the lightning that lurketh in undischarged capacitors lest it cause thee to bounce upon thy buttocks in a most unseemly manner.
2. Cause thou the switch that supplieth large quantities of juice to be opened and thusly tagged that thy days may be long in this earthly vale of tears.
3. Prove to thyself that all circuits that radiateth and upon which thou worketh are grounded and thusly tagged lest they lift thee to radio frequency potential and causeth thee to make like a radiation tube.
4. Tarry not amongst those fools that engage in intentional shock for they are surely non-believers and are not long for this world.

5. Take care thou useth the proper method when thou taketh the measure of a high voltage circuit so that thou dost not incinerate both thee and thy test meter, for verily, though thou has no account number and can be easily written off, the test meter doth have one, and as a consequence bringeth much woe unto thy supervisor.
6. Take care thou tampereth not with interlocks and safety devices, for this incurreth the wrath of thy supervisor and bringeth the fury of management about thy head and shoulders.
7. Work thou not on energized equipment for if thou doest thy buddies will surely be buying beers for thy widow and consoling her in ways not acceptable to thee.
8. Verily, Verily, I say unto thee, never service equipment alone, for electrical cooking is sometimes a slothful process and thou might sizzle in thine own fat upon a hot circuit for hours on end before thy misery endeth.
9. Trifle thou not with radio active tubes and substances lest thou commence to glow in the dark like a lightning bug and thy wife will be frustrated nightly and have no further use for thee except for thy wages.
10. Commit thou to memory all the works of the prophets which are written down in various safety precautions and which giveth out with thy straight dope, and consoleth thee when thou hast suffered a ream job by thy supervisor.

BY HQ EUROPEAN COMMUNICATIONS AREA, AFCC, GERMANY

TNX to K2ZA

FCC PLACES MORATORIUM ON NEW REPEATERS

THE FCC BANS (MOST) NEW REPEATERS. (Story by burt Hicks, WB6MQV) In a historic move, the Commission decided to put a moratorium on "authorizing" any new repeater systems in those 35 cities that exceed 1 million in population. This move comes with the release of PR Docket 85-22, a Notice of Proposed Rule Making whose intent is to set national standards for repeater coordination. Apparently, the Commissioners have been convinced that current amateur attempts to coordinate amateur relay use of the spectrum efficiently have failed. The nation's communications agency feels that some permanent solutions to growing interference must be found and made part of Part 97 of the Rules.

In an interview with Raymond R. Kowalski, Chief of the FCC's Special Services Division, Westlink Report learned exactly what the Commission is after: "...where an amateur station in repeater operation causes harmful interference to the repeater operation of another amateur radio station,

the two stations are each equally and fully responsible for resolving the interference, unless one repeater is coordinated and the other is not. Where one repeater is coordinated and the other is not, the station with the non-coordinated repeater has primary responsibility to resolve the interference."

PR Docket 85-22 asks the public to comment on a few specific questions. First, the FCC wants to know whether a national "umbrella organization" of frequency coordinators should be formed. The envisioned organization might be similar to those serving other communications services such as NABER coordinates the Land Mobile Service. Such an organization could become a valuable resource by 1) keeping a national repeater data base, 2) setting standards for coordination, and perhaps most importantly 3) helping new coordinators understand the overall process by which coordination is accomplished. The NPRM also asks what, if any, technical standards should be adopted. Some suggestions include limited (FM) deviation, required CTCSS or other tone access (PL), or the mandated move to ACSB or other spectrum-efficient mode for all repeaters. The whole purpose of these inquiries into standards is to help establish the reality of frequency coordination and the importance the Commission attaches to their task.

The 35 cities affected by the moratorium are printed on page 5 of this issue. Please note that this ban on new systems is limited to "repeater" operation and affects stations on all bands, not just 2 meters where overcrowding is obvious. (Expect the FCC autopatch systems (simpatches), store and forward digital mailboxes, and other operations not governed by Part 97 repeater rules. Kowalski told Westlink that a repeater that is already coordinated but not yet operational may still come onto the air. No new repeater systems may be coordinated after the release date of the NPRM which occurred on January 30, 1985. This move seems to indicate that the FCC now views amateur repeaters as "public service" devices rather than "radio experimenters" equipment.

The FCC says that it will use the next edition of the ARRL Repeater Directory as its guide in determining those systems which were operational prior to the initiation of the ban. If your system is not listed, it might be wise to send in your data now to avoid an embarrassing situation at some later date. As reported earlier, the cutoff date for inclusion in the next directory has passed. While we can presume that the League will issue a supplement current to the release of this docket, what if it chooses not to do so -- or even decides not to publish a directory? After all, the ARRL has said that it cannot insure the accuracy of listings contained in the publication, The Commission has set July 1, 1985 as the deadline for comments on PR Docket 85-22 and September 30 for reply comments. Kowalski told Westlink that this longer-than-usual commentary time was established to allow amateurs to discuss the issues at all levels so that a true exchange of ideas can be brought to the FCC on the mater. We expect they will be.

"NO NEW REPEATERS HERE": FCC

Partially quoting from PR Docket 85-22, best described as penultimate bureaucratise:

(As of January 30, 1985, no new amateur radio repeaters may be put in-to operation in the following) "Consolidated Metropolitan Statistical Areas, as set forth in List 2 of the Office of Management and Budget Public Affairs Release Number OMB-83-20 dated June 27, 1983 and modified in OMB-84-16 dated June 29, 1984."

Boston-Lawrence-Salem (MA/NH)
 Chicago-Gary-Lake County (IL/IN/WI)
 Cleveland-Akron-Lorrain (OH)
 Denver-Boulder (CO)
 Hartford-New Britain-Middletown (CT)
 Los Angeles-Anaheim-Riverside (CA)
 Milwaukee-Racine (WI)
 Pittsburgh-Beaver Valley (PA)
 St. Louis-E. St. Louis-Alton (MO/IL)
 San Juan-Caguas (PR)
 Philadelphia-Wilmington-Trenton (PA/NJ/DE/MD)
 Buffalo-Niagra Falls (NY)
 Cincinnati-Hamilton (OH/KY/IN)
 Dallas-Ft. Worth (TX)
 Miami-Ft. Lauderdale (FL)
 NYC-N. New Jersey-Long Island (NY/NJ/CT)
 Portland-Pawtucket-Fall River (RI/MA)
 San Francisco-Oakland-San Jose (CA)
 Seattle-Tacoma (WA)

Also included are "Level A Metropolitan Statistical Areas, other than Consolidated Metropolitan Statistical Areas or Primary Metropolitan Statistical Areas as set forth in List 1 of the Office of Management and Budget as described in OMB-83-20 and OMB-84-16 based upon applications of published Metropolitan Statistical Area standards to demographic data drawn from the 1980 Decennial Census":

Atlanta, GA	Columbus, OH
Kansas City KS/MO	St. Paul, MN
Norfolk, VA	Newport News, VA
Sacramento, CA	San Diego, CA
St. Petersburg, FL	Washington, DC (MD/VA)
Baltimore, MD	Indianapolis, IN
Minneapolis, MN	New Orleans, LA
Virginia Beach, VA	Phoenix, AZ
San Antonio, TX	Tampa, FL
Clearwater, FL	

ARRL PETITIONS FCC TO LIFT REPEATER MORATORIUM

The ARRL has filed a Petition for Partial Reconsideration in Docket 85-22, the repeater coordination Docket. Details on the Docket can be found in Volume 4, Number 3 of the ARRL Letter. The Petition states "Section 97.85 of the Commission's Rules permits operation of amateur radio stations in repeater operation. No Order has been issued which would hold that rule in abeyance ... A Notice of Proposed Rule Making cannot, in and of itself, modify an existing rule ... Overall, the suggested moratorium is excessively vague, due to the very nature of repeater operation in the Amateur Service. The reference to 'new' repeaters is inappropriate, inasmuch as repeater operation is not a separate amateur station but an operating mode of existing amateur stations. Further, even if the moratorium were to exist as a matter of law, its commencement is uncertain, as it is dependent upon the issuance of the League's Repeater Directory, a date which is somewhat uncertain and unknown to the majority of the amateur community."

The Petition also claims that the moratorium is "extremely detrimental to the Amateur Radio Service as a matter of policy." In conclusion, the Petition asks the Commission to modify the NPRM to remove any reference to a moratorium on new repeater operation.

Ray Kowalski of the FCC has said that the moratorium is not the important issue in the NPRM. Kowalski says that the important feature of the NPRM is the proposed addition to Part 97 which specifies that the operator of an uncoordinated repeater which interferes with a coordinated repeater has primary responsibility to resolve the interference.

TNX to the ARRL LETTER

KU BAND TRANSMISSIONS and special transmission systems to prevent the unauthorized reception of satellite transmissions may soon render most existing privately owned satellite antenna systems worthless. Already, the National Broadcasting Company has made the transition from S-Band to all Ku-Band operation. This is a band of frequencies this is not tunable on current home satellite receivers. Now, the broadcast industry has introduced a new transmission technology called "multiplexed analog component," or simply "MAC." Designed primarily for satellite transmission applications, the various MAC systems allow digital transmission techniques for audio and data, combined with an analog component video signal. MAC uses time multiplexing to include separate packets of chrominance and luminance to be transmitted within the time frame of a single TV line. The system is compatible with all major standards in use worldwide, while, at the same time, being virtually pirate proof because of the prohibitive cost of the equipment needed to decode the system. While no dollar amounts have been officially suggested, experts estimate the cost of the needed decoding equipment to exceed one hundred thousand dollars, even if mass produced and marketed equipment were to be made; this is highly unlikely. A full report on the MAC system appears in the January 1985 issue of Broadcast Engineering magazine.

TNX to WESTLINK REPORT & K3WIL

DEPARTMENT OF DEFENSE SUPPORTS PRB-1

"The Department of Defense shares ARRL's concern over the proliferation of 'anti-ham' zoning ordinances which prohibit effective operation of amateur radio stations by limiting antenna heights or restricting accessory uses of residential real property. Continued success of the existing NSEP (national security, emergency preparedness) telecommunications plans involving amateur stations would be severely diminished if state and local ordinances are allowed to prohibit the construction of and usage of effective amateur transmission facilities." This paragraph opens the Department of Defense (DOD) reply comments in support of PRB-1, at the ARRL request for preemptive relief from restrictive antenna ordinances.

The incident in Grenada, the 1983 New Orleans flood, the 1982 hurricane in Hawaii and the Coalinga earthquake are cited as examples of the responsiveness of amateurs in emergency situations. "The Department of Defense respectfully supports the request of ARRL that the Commission issue a declaratory ruling delineating the limitations of local zoning and other local and state regulatory authority over federally-licensed amateur radio facilities."

FIELD DAY DATES

There is some confusion over the dates for Field Day this year. Field Day will be the weekend of June 22-23, 1985. Field Day has traditionally been held on the fourth weekend in June - and for the past 11 years, the fourth weekend has coincided with the LAST weekend in June - this year the fourth weekend is not the last weekend. Field Day will be held, as always, on the fourth weekend in June, the 22nd and 23rd.

TNX to the ARRL LETTER

SENATE RESOLUTION 36 NEEDS YOU!

On January 3, 1985, Senator Barry Goldwater, K7UGA, introduced two resolutions. One of them (S. Res. 36), if adopted, will declare the sense of the U.S. Senate that the FCC should affirm that state and local regulations must not unreasonably restrict communications from Amateur Radio stations. The other resolution pertains to the rights of citizens to erect and maintain television receive-only (TVRO) satellite dishes. The Amateur Radio resolution will send a clear message to the FCC that favorable action on PRB-1 (the League's request for federal preemption of restrictive local antenna ordinances) would meet with the approval of the U.S. Senate. Your support, and the support of your Senator, is needed to ensure it is adopted.

The resolution reads: "Resolution - To express the sense of the Senate relative to unduly restrictive state and local regulation of amateur radio antennas.

"Resolved, That it is the sense of the Senate that, consistent with the policy of the United States to recognize and enhance the value of the Amateur Radio Service as a voluntary noncommercial communication service which provides public service and emergency communications, the Federal Communications Commission should affirm that state and local regulatory authority, including, but not limited to, zoning, public safety or health authority, and authority to grant a license or permit, must be exercised so that it does not: (1) discriminate unreasonably among amateur radio antennas and other types of home communications and/or reception antennas, or (2) have the effect of prohibiting or frustrating the transmission or reception of amateur radio communications by Federally-licensed amateur radio stations, except as may be necessary to carrying out a clearly articulated and affirmatively expressed compelling governmental interest related to the health and safety of the community."

NEW MICROWAVE FREQUENCIES FOR AMATEURS?

The FCC has released a Notice of Proposed Rulemaking proposing to add new microwave frequencies to the list of frequency allocations in Part 97. This would bring the Amateur Rules into accord with the new microwave frequencies allocated to the Amateur Service and Amateur Satellite Service at WARC '79. The NPRM, designated PR Docket 85-23 and nicknamed the "Microwave Access Docket" proposes, among other things, to authorize earth-to-space operation at 1260-1270 MHz (Mode L). AMSAT-OSCAR 10 presently operates Mode L periodically, and U.S. Amateurs are unable to use the satellite at these times. In a related matter, the ARRL has filed a motion for interim operating authority asking the Commission to authorize Mode L operation in the U.S. while Docket 85-23 is being considered.

The NPRM is an attempt to deal with the "loose ends" from WARC '79 regarding amateur status on certain frequencies. Of particular interest is the inclusion of the 160 meter band in this proposal. The NPRM proposes to list the 1900-2000 KHz band separately from the 1800-1900 KHz band, so that Part 97 will conform to Part 2, where the segments are already listed separately. FCC staff has informed ARRL that separating the bands does not prejudice any issues in Docket 84-874, the radiolocation matter.

Copies of the NPRM are available from Hq. for a large s.a.s.e. with 56 cents postage. Comments are due by April 8, 1985. Reply comments are due by May 10, 1985. Formal filing requires the submission of an original and five copies, but a single copy may be considered informally.

TNX to the ARRL LETTER

DX REPORT FOR MARCH 1985 BY NC2V

GENERAL BAND CONDITION ARE ABOUT THE SAME AS LAST MONTH WITH 20 METER BEING THE DX BAND DURING THE HOURS OF DAYLIGHT AND 40, 80 AND 160 METER THE BEST BANDS AFTER SUNSET.

A6 - U.A.E - G4DYO REPORTS THAT THE A61AA CARDS ARE NOW BEING ACCEPTED FOR DX CREDIT.

C9 - MOZAMBIQUE - SMODQE/C9 IS STILL OPERATING UNDER A PROVISIONAL LICENSE. HE CAN BE FOUND ON TUSDAYS AT 14.205 MHZ AROUND 1900 UTC WITH VE3ICR. ALSO, LOOK FOR A NEW STATION TO COME UP VERY SOON. THIS ONE SHOULD BE ABLE TO OPERATE ON HIS OWN AND HANDLE THE PILE UP'S.

VK9 - CHRISTMAS ISLAND - CHRISTMAS ISLAND NOW HAS A FULL TIME OPERATOR. VK6KRD HAS RETIRED TO THE ISLAND AND HAS BEEN ASSIGNED THE CALL VK9XJ. QSL PO BOX 138 CHRISTMAS ISLAND 6798, AUSTRALIA.

VU7 - LACCADIVE ISLAND - VU7GV AND VU7MB ARE BOTH ACTIVE AT THIS TIME. THEY WILL BE ON THE ISLAND FOR ABOUT 2 OR 3 MORE WEEKS.

5V - TONGO - DJ6SI/5V WAS ACTIVE FORM TONGO DURING THE MONTH OF FEBURARY. IF YOU NEED A CARD QSL TO HIS HOME CALL.

XZ - BURMA - DJ4IZ/XZ IS OPERATING FORM BURMA WITH THE PERMISSION OF THE GOVERMENT BUT HAS NOT RECEIVED ANY PAPERWORK.

ZC4 - CYPRUS - ZC4 IS NOW A NEW COUNTRY BUT THE DXCC PEOPLE WILL ONLY TAKE CARDS WHICH INDICATE THAT THE OPERATION TOOK PLACE WITHIN ONE OF THE BRITISH MILITARY BASES.

YI - IRAQ - YI1BGD HAS INDICATED THAT THEY HOPE TO BE ON 40 AND 80 METERS IN THE VERY NEAR FUTURE.

4U - VIENNA - SAVE YOUR 4U1VIC CARDS. IT NOW LOOKS VERY GOOD FOR THE VIENNA INTERNATIONAL CENTER TO BECOME ANOTHER NEW COUNTRY.

3B8 - MAURITUIS - 3B8CF CAN STILL BE FOUND AROUND 0200 MOST NIGHTS AT 3505. QSL DIRECT VIA THE CB.

3Y - BOUVET ISLAND - AN OPERATION FROM THIS ISLAND HAS BEEN REPORTED TO BE ON AND OFF ABOUT EVERY OTHER WEEK. THE LAST INFORMATION IS THAT THE OPERATION MAY TAKE PLACE THE LAST WEEK OF FEBRUARY OR THE FIRST WEEK OF MARCH. THERE IS AN AMATEUR ON THE SHIP, HE HAS A 25 WATT RADIO AND A DIPOLE. THE CALL SIGN WILL BE 3Y4CG. THE OPERATION WILL TAKE PLACE IF THE SHIP HAS TIME TO STOP AT THE ISLAND AND IF THEY CAN GET ASHORE. I WOULD NOT SPEND TOO MUCH TIME LOOKING FOR THIS OPERATION, THERE ARE JUST TOO MANY IF'S.

FO - CLIPPERTON ISLAND -THE CLIPPERTON ISLAND OPERATION WILL TAKE PLACE AROUND THE THIRD OF APRIL USING THE CALL SIGN OF FOOXX . THE OPERATION WILL LAST FOR 7 TO 8 DAYS WITH THREE STATIONS ON THE AIR 24 HOURS A DAY. QSL VIA YASME.

9U - BURUNDI - 9U5JB WILL BE ACTIVE DURING THE ARRL DX CONTEST MARCH 2-3. LOOK FOR HIM ON 7078 0000-0345 UTC AND 3773 KHZ AT 0345 TO 0445 UTC.

3B9 - RODRIGUES ISLAND - 3B9CD IS VERY ACTIVE ON 40 METERS. LOOK FOR HIM AROUND 7005 KHZ AT 0100-0300.

AS 40,80 AND 160 METERS ARE THE PRIMARY DX FREQUENCIES NOW, I THOUGHT THAT I WOULD PASS ALONG SOME OPERATING INFORMATION WHICH WILL BE OF HELP ON THESE BANDS.

160 METERS BAND ALLOCATIONS

PX	COUNTRY	ALLOCATION	NOTES
AP	PAKISTAN	1800-2000	
A4	OMNAN	1800-2000	CW ONLY 10 WATTS MAX.
A9	BAHRAIN	1800-2000	
CP	BOLIVIA	1800-1850	
CT	PORTUGAL	1830-1850	CW AND RTTY 60 WATTS MAX.
C6	BAHAMAS	1800-1825 1975-2000	
DL	W. GERMANY	1815-1835 1850-1890	SSB ALLOWED 1832-1835 CW ONLY
EA	SPAIN	1830-1850	
F	FRANCE	1830-1850	
G	ENGLAND	1810-2000	
HB	SWITZELAND	1810-1850	
HK	COLOMBIA	1800-2000	
HP	PANAMA	1800-2000	
HR	HONDURAS	1800-2000	
H4	SOLOMON IS.	1800-2000	
JA	JAPAN	1907-1912	
J2	DJIBOUTI	1810-1850	
J3	GRENADA	1800-2000	
LA	NORWAY	1802-1850	CW ONLY 15 WATTS MAX.
LU	ARGENTINA	1800-1850	CW ONLY 1800-1810
LX	LUXENBOURG	1830-1850	
OA	PERU	1800-2000	
OE	AUSTRIA	1810-1850	SSB PERMITTED 1832-1835 ONLY
OH	FINLAND	1820-1845 1915-1955	10 WATTS MAX. 10 WATTS MAX.
OZ	DENMARK	1830-1850	CW ONLY 10 WATTS MAX.
PA	NETHERLANDS	1825-1835	10 WATTS MAX.
PJ	CURACAO	1800-2000	
PY	BRAZIL	1800-1850	
PZ	SURINAM	1800-2000	
P2	GUINEA	1800-1866 1874-2000	
SM	SWEDEN	1830-1845	CW ONLY 10 WATTS MAX.
SP	POLAND	1750-1800 1810-1930	10 WATTS-MAX. 10 WATTS MAX.
TG	GUATEMALA	1800-2000	
TI	COSTA RICA	1800-2000	
T7	SAN MARINO	1830-1850	
UA	USSR	1850-1950	PHONE ONLY 1875-1950
VE	CANADA	1800-2000	
VK	AUSTRALIA	1800-1866 1874-1875	PHONE ONLY 1825-1866
VP	BERMUDA	1800-1825 1875-1900	
VP	MONTSERRAT	1800-2000	SSB AND CW ONLY
VP	ANTIGUA	1800-2000	
VS	HONG KONG	1800-2000	CW ONLY
XE	MEXICO	1800-2000	

YB	INDONESIA	1800-1900	PHONE ONLY
		1900-2000	CW ONLY
YK	SYRIA	1830-1850	
YS	EL SALVADOR	1800-2000	
Y2	E. GERMANY	1810-1950	PHONE ONLY 10 WATTS MAX.
		1900-1950	
ZB	GIBRALTAR	1800-2000	
ZL	NEW ZEALAND	1803-1950	
		1863-1950	
ZS	S. AFRICA	1810-1850	
5B	CYPRUS	1800-2000	PHONE PERMITTED 1900-2000 ONLY
5N	NIGERIA	1800-2000	10 WATTS MAX.
5W	W. SAMOA	1800-2000	PHONE PERMITTED 1850-2000 ONLY
6W	SENEGAL	1810-1850	
7P	LESOTHO	1800-2000	10 WATTS MAX.
9H	MALTA	1810-2000	10 WATTS MAX.
9M	MALAYSIA	1800-2000	
9V	SINGAPORE	1800-2000	10 WATTS MAX.
9Y	TRINIDAD	1800-2000	

160 METER BEACONS

FREQ.	CALL	COUNTRY	FREQ.	CALL	COUNTRY
1805	OA36	PERU	1830	DHJ	W. GERMANY
1831	OSN	BELGIUM	1834	TL31	C. AFRICAN REP.
1831	ZA01	ALBANIA	1838	OY12	FAEROS ISLAND
1865.5	MPG	UK	1870	JD18	JAPAN

MARCH 1985 SUNRISE AND SUNSETS FOR SOUTH NEW JERSEY

DATE	SUNRISE	SUNSET	DATE	SUNRISE	SUNSET
5 MARCH	1127 UTC	2255 UTC	7 MARCH	1124 UTC	2257 UTC
12 MARCH	1116 UTC	2303 UTC	14 MARCH	1113 UTC	2305 UTC
19 MARCH	1105 UTC	2311 UTC	21 MARCH	1102 UTC	2312 UTC
26 MARCH	1054 UTC	2317 UTC	28 MARCH	1051 UTC	2319 UTC