

KAMIACK BUTTE AMATEUR REPEATER ASSOCIATION *SEPTEMBER 1993*

PIZZA BY AUTOPATCH? ***NEW FCC RULES*** ***EFFECTIVE SEPTEMBER 12, 1993***

PIZZA VIA THE AUTO-PATCH - You bet it is now official. As of September 12, 1993 the FCC has relaxed the rules in part 97 to allow greater flexibility for 1) public service and 2) personal communications. The new rules (section 97.113) are a reproduced Report and Order from the Commission and are attached to this newsletter.

This new ruling should clear the air (no pun intended) regarding the ambiguity that has plagued hams for many years in providing communications for public events such as the Lilac Parade and Bloomsday.

Amateurs will now be able to more fully satisfy their personal communication needs such as ordering pizza via the autopatch and make or break dentist appointments. One thing that is still a NO-NO. Being able to call the office for messages or

running a message service for hire. A good example here is an individual can call Art to see if their new radio is in or ask him if he has a particular part. Art may answer yes or no and request you call him for more details. Art as an amateur CANNOT initiate a call to a ham to tell him that his new radio is in. The FCC is quite specific in this.

Hams are still restricted in providing news information via Amateur Radio to the media regarding cases involving safety of life and property and where no other means of communication are available before or after the event. In other words one cannot brief a news gathering service on an incident using amateur radio means of communication. However it appears that one can call a news service and tell them that an event is occurring and if interested they can get someone

out to cover it.

Finally the FCC has stated that "any amateur-to-amateur communication is permitted unless specifically prohibited." This means that if the rules do not specifically say that you cannot do it, you can. And, if you're still not sure after applying this test, then we must turn to the amateur community itself for the answer and NOT the FCC. The FCC has given much more latitude in fulfilling our promise, but with that comes a much greater responsibility for self-regulation and cooperation than ever before.

For the complete text of PR Docket No. 92-136 Report and Order see the attached. More on this can be found in the September 1993 issue of QST.

DUES DUES DUES

Dues are due in January of each year. If you are not a contributor as of now, your participation will be appreciated.

Do you know someone who is not a member? If so encourage them to "JOIN THE CLUB"

**THE OFFICERS'
CORNER**

*Statement To the Members
Jo Ann Gemrig KA7SUZ
President KBARA*

I wish to thank those who have entrusted the office of president of Kamiack Butte Amateur Repeater Association to me. I hope to get the group back on track after a rather bumpy year.

One goal we have this year is to create Standing Rules which will facilitate "fine tuning" the running of the organization. As I write this, I can only say I hope a copy of the committees' labors will be included with this news letter for your perusal (no comments received yet - Ed.)

Another experiment will be to have more meetings during the year. The annual business meeting will still be in the summer, but, we hope to have a chance to "socialize", as an association, at the time of the Walla Walla hamfest in the fall, and perhaps at the time of the Spokane hamfest in the spring.

I am interested in any ideas for ways to improve our organization and hope you will feel free to call or drop me a line.

Thanks again --
Jo Ann, KA7SUZ

The complete text of the minutes of the June 19, 1993 business meeting in their original form as submitted by our new secretary, Rich Thornton KG7SD are attached to the end of the this newsletter.

Plenty of room has been left on the map for notes and insertions of your local repeater frequencies. An updated quick reference map has been needed for quite some time. ATTA BOY Rich - many thanks.

***K.B.A.R.A. BUSINESS MEETING MINUTES,
ELECTION RESULTS AND MISCELLANEOUS
QRM***

Our new officers for 1993-94 include: Jo Ann Gemrig KA7SUZ, President; Glen Moore N7VBW, Vice President; Rich Thornton KG7SD, Secretary; and Mary Moore AA7RT, Treasurer. Congratulations to all - with this array of talent we look forward to a dynamic year.

In this issue Jay Townsend WS7I, noteworthy DXer, contester, and packeteer reviews the Yaesu FT-5100. In an upcoming edition, I hope to have a review of a VHF amplifier and its pros and cons.

Rich (KG7SD) recently put together a map showing the major repeaters throughout the state of Washington with the link ties for the KBARA system. This map, attached to the end of the newsletter, is designed as a handy reference and should be used with the ARRL repeater directory for maximum effectiveness.

Art (WB7AUK) reports the Lookout repeater (147.02) is running well and as soon as the Seattle bunch ships over a new E-PROM it will be back on the intertie. At present it is accessible as a local repeater covering Western Montana and the Silver Valley in Idaho. The '74 (Kamiack Butte) machine is undergoing major surgery by Karl (WA7YCP) and Doug (N7BFS). This repeater is being completely rebuilt and should be back on the hill by the end of September.

Walla Walla (147.28) is in full operation with few hardware problems. 147.36 and '38 are fully functional without major problems other than occasional interference on the '36 machine from another amateur repeater. Art and company will be clearing this up in the near future as soon

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EQUIPMENT REVIEW

REVIEW ON THE YAESU 5100
BY Jay W. Townsend, (WS7I)

The YAESU FT-5100 is a dual band 440/144 MHz transceiver which is suitable for either fixed or mobile use. On two meters the receiving range is between 130 and 174 MHz with the transmitting portion between 140 and 150 MHz. On 70 cm, both the transmitter and receiver range between 430 and 450 MHz. RF output power on two meters is either 5 or 50 watts (low/high).

On 70 cm, high power is 35 watts with a 5 watt setting for low power. CTCSS encode is built in as a standard with DTMF paging and coded squelch also as standard equipment. It is capable of cross band repeat for the outdoors folk who get lost easily and need to call for help on a handheld. For those looking for a packet rig this wonder-box has a packet radio TNC jack already built into the back of the radio.

The price class is within the \$550.00 figure and is competitive with other dual band mobiles.

First and perhaps foremost is the size of the unit which is very, very small and compact. The

5100 does dual in-band receive which I find to be an extremely handy feature. The sub receiver suffers from slightly lower sensitivity in the ham bands and greatly reduced sensitivity out of the ham bands. However, it is very convenient to monitor public service activity on a sub band yet still talk on the ham band while travelling.

The FT-5100 works very well and has a huge number of memories in four banks of about 23 channels each (97 total). This works great while travelling outside of the local area. You can have en-route repeaters stored in one set of memory banks and the locals in another. The banks are divided into two, one for each band.

One thing I found on this radio compared to others I have owned - there is no scan button on the front panel with scanning initiated by holding the up or down button of the mike down for about a second or two. Similar to the IC-28. Scanning is very rapid compared with other rigs. Unlike many of the new radios on the market this one is easy to program and does most of the normal functions in an easy manner. For example, to block scanning of one or more memory channels, just press FUNCTION-LOCKOUT button and you no longer will stop at those selected

channels while scanning. The 5100's controls are quite easy to remember and seem quite natural to me.

The 5100 does all the latest fun things and seems to do them all very well. I like the audio on receive and find that having only one speaker is a pretty good way to do things. The LCD panel is bright and easy to read. Lighting is automatic and dims at night. You can, however, manually control this to suit your individual desires.

Perhaps the biggest problem with the radio is intermod. I find it to be quite a nuisance within certain locations in Spokane with some paging transmitters breaking the squelch. This is especially true on the second receiver. Having never before owned a dual band mobile, I can only compare it to the ICOM IC-28H which does not "HEAR" too many signals from outside of its set range. Reception from the tuned repeater will however override the pager intermod.

The beeps the radio makes periodically while scanning or changing functions, drives my wife Betsy (WV7Y) up the wall while travelling. I however, find these beeps a great help in

Continued on page 4

Equipment Review Continued

operating the radio while mobile.

Unlike the ICOM W2A which requires reading the directions every time I wanted to change something, and as a result I sold after a couple of weeks of use, the FT-5100 is simple to operate. I am able to remember from one time to another how to turn tones on, change shifts and generally get the radio to do the things I want without having to go to the manual while driving down the highway.

I Think YAESU has once again taken the ham market by storm with this unit by delivering the memories that we need with the power and flexibility to suit the majority of users. Perhaps one hint that is in order concerns expanding 440 MHz receive out of the ham band. The radio must be modified with a simple modification and I suggest it be done by someone who has the talent for this type of work.

I highly recommend the YAESU FT-5100 as a good purchase.

73, JAY

(Jay is noted for his many equipment and software reviews in the *RTTY JOURNAL* and his numerous contest achievements and DX activities. Thanks Jay.)

*K.B.A.R.A. BUSINESS MEETING MINUTES, ELECTION RESULTS AND MISCELLANEOUS QRM
Continued*

as the source can be identified.

Should you be planning a trip to the Seattle area and want to use the 145.33 repeater there it is recommended the PL tone be used for reliable access as the tone requirement is being used on a more frequent basis. Contact your local control op or Art for the tone frequency.

A minimum of four KBARA newsletters are planned for the coming year. We will try and have a product review in each issue as well as other news relating to KBARA, amateur VHF activity and other tidbits about our members. The only means by which we can have articles about our organization and the membership is for you the reader to send the officers' or me information we can assemble for use in the bulletin. SO - if you hear something of interest about a member, a topic, or something you would like to see expanded - send it along. KBARA'S mailing address is - 6812 E. 3rd St. Spokane, WA 99212.

Recently, several local area repeaters have been overwhelmed with acts of deliberate jamming, and foul language by warped individuals. This type of

activity is in strict violation of FCC rules with several cases on record in different parts of the country of individuals being fined and/or losing license privileges.

How do we deal with an offender? The first approach is to ignore the nuisance - without an audience, the joy of being a pest is lost with the offender usually fading away since no one pays any attention to him. Don't be a policeman. This type of activity only encourages continued aggravation as the offender now realizes he has a forum for his activities. Depending on the location and principals involved, action may call for encouraging a dialogue while a tracking team pinpoints the offenders location and reported to the proper authorities. This last approach is used only as a last resort and only with the coordinated efforts of many people and recording equipment. With the two OO's in our area and a FCC monitoring team in Seattle a persistent culprit will in time receive his just reward.

Don't forget the Walla Walla hamfest September 18 & 19

AUTOPATCH AND REPEATERS

K.B.A.R.A. REPEATERS USER INFORMATION

KBARA operates five repeaters which are located in Pullman (146.74), Walla Walla (147.28), Spokane (147.36 & 147.38) and on Lookout pass (147.02) which is on the Idaho - Montana border. The 146.38 and the 147.02 repeaters are normally linked into the Evergreen Innterie through the Nanum Ridge machine into Seattle and other areas. The other three repeaters are linked together and can be tied into the Evergreen Innterie under the direction of one of the control operators. The '36, '74 and '28 machines are equipped with an autopatch and emergency autodial phone numbers. Use of the autopatch is restricted to emergency, priority and health and welfare calls.

TO ACCESS THE AUTOPATCH:

1. **IDENTIFY YOUR STATION.**
2. Access the patch by pressing *(star) 123 on your DTMF touch-tone pad. Expect a dial tone.
3. When you hear the dial tone, dial your number.

TO CLEAR THE AUTOPATCH:

1. Press # (pound) 123. There will be a tone confirmation when the patch is terminated/disconnected.

2. IDENTIFY YOUR STATION.

The following are current EMERGENCY AUTODIAL NUMBERS. These are accessed by using the *123 listed above followed by the two digit number below followed by a # (pound) sign.

- 34# Ferry (WA) Co. Sheriff
- 35# Haugan Scale House, Montana
- 36# Shoshone (ID) Co. Sheriff
- 37# Montana State Police
- 38# Grant (WA) Co. Sheriff
- 39# Walla Walla area ONLY 911
- 41# Pullman (WA) Fire and Police
- 42# Pomeroy (WA) Co. Sheriff
- 43# Asotin (WA) Co Sheriff
- 44# Idaho State Patrol
- 45# Whitman (WA) Co. Sheriff
- 46# Pend Oreille (WA) Co. Sheriff
- 47# Stevens (WA) Co. Sheriff
- 48# Weather (Spokane region)
- 49# Washington State Patrol

Disconnect with the #123 as outlined above.

IDENTIFY YOUR STATION PLEASE!

There is NO general 911. When placing an emergency call to any of the above speed-dial numbers, it is generally a good idea to tell the answering person you are a mobile radio rather than a ham. This often eliminates or minimizes clarifying questions by the dispatcher. Be prepared to give your location (use highway numbers and mile post numbers), the nature of the emergency, any injuries and what lane or direction of travel if a vehicle is involved.

SOME OTHER REPEATER FREQUENCIES

Minus 600 (-) Offset

- 145.11 Spokane 10M FM - 29.6 MHz Can use PL 127.3 Hz for 10M
- 145.21 Spokane Valley
- 145.33 Rathdrum, ID
- 145.43 Mount Spokane - Must use 100 Hz PL tone
- 146.82 Colville, WA
- 146.72 Ritzville, WA
- 146.78 Sandpoint, ID
- 146.82 Moscow, ID - Linked to 147.24
- 146.86 Coulee Dam, WA
- 146.88A Spokane, WA (Tower Mtn) Optional 100 Hz PL tone
- 146.90 Mission Ridge (Wenatchee, WA)
- 146.96 Bonners Ferry, ID
- 146.98 Coeur d'Alene, ID

Plus 600 (+) Offset

- 147.04 Davenport, WA
- 147.06 Lookout Pt (Spokane)
- 147.08A Coeur d'Alene, ID (ARES)
- 147.12 Newport, WA
- 147.20 Spokane, WA
- 147.22 Post Falls, ID
- 147.24 Spokane, WA - Linked to 146.82
- 147.26 Nanum Ridge (Wenatchee) Linked to Evergreen Innterie
- 147.30 Spokane, WA (ARES) Can use 100 Hz PL tone
- 443.25 Rockford, WA +5
- 444.70 Spokane (Tower Mtn.) +5
(Must use 100.0 Hz PL tone for Twr. Mtn.)
(Must use 103.5 Hz PL tone for "Metro")

K.B.A.R.A. MEETING JUNE 19, 1993

1:00 PM

JOANN GEMRIG (KA7SUZ) BROUGHT THE MEETING TO ORDER. THE KBARA TREASURY HAS \$2940.22 IN THE ACCOUNT. SHE GAVE AN OUTLINE OF WHAT SHE WANTED TO COVER DURING THE MEETING. THE TOPICS INCLUDE THE FOLLOWING:

1. TO MAKE PROVISIONS TO REMOVE OR REPLACE OFFICERS, WHO ARE UNWILLING OR UNABLE TO CARRY OUT THEIR DUTIES.
2. TO CHANGE THE ANNUAL MEETING DATE FROM MONTH OF JUNE. JUNE IS A BUSY MONTH.
3. TO FIX THE CURRENT BYLAWS.
4. TO ALLOW BALLOTING BY MAIL ON THINGS THAT NEED TO BE DONE, RATHER THAN WAIT FOR THE ANNUAL MEETING.
5. TO SCHEDULE 2 OR MORE ADDITIONAL MEETINGS, TO BE HELD DURING THE MAJOR HAMFESTS IN SPOKANE & WALLA WALLA.

THE ELECTION FOR NEW OFFICERS FOLLOWED.

OFFICE	NOMINATION	WINNER
PRESIDENT	JOANN GEMRIG KA7SUZ RICH THORTON KG7SD	JOANN GEMRIG KA7SUZ
VICE PRESIDENT	GLEN MOORE N7VBW	GLEN MOORE N7VBW
SECRETARY	RICH THORTON KG7SD MARY MOORE AA7RT	RICH THORTON KG7SD
TREASURER	MARY MOORE AA7RT	MARY MOORE AA7RT

CONGRATULATIONS TO EVERYONE.

NEW BUSINESS

MOTION ART, WB7AUK MOVED THAT WE SHOULD ADOPT THE BYLAWS IN FORCE AT JUNE 15, 1991. DUES SHOULD REMAIN \$15/\$20. THE OFFICE DESCRIPTIONS OF SECRETARY AND TREASURER SHOULD REMAIN SPLIT APART. THE MOTION WAS MOVED SECONDED AND PASSED.

JOANN FORMED A BYLAW COMMITTEE. THE MEMBERS ARE GLEN N7VBW, JOANN KA7SUZ, RUBY WO7C. AND JACK WA5ZAY

MOTION

AN OFFICER WHO IS UNABLE TO CARRY OUT HIS OR HER DUTIES OR WHO IS NOT ACTING IN THE BEST INTEREST OF THE CLUB MAY BE REMOVED BY THE REMAINING OFFICERS. THE MOTION WAS MOVED SECONDED AND PASSED.

JACK WASZAY PROPOSED A REGIONAL BOARD OF DIRECTORS FOR KBARA. HE VOLUNTEERED TO REPRESENT THE WALLA WALLA AREA. KARL WA7YCP VOLUNTEERED FOR THE SPOKANE AREA.

RICH PROPOSED TO CHANGE AN OFFICERS TERM TO TWO YEARS, PROVIDED SOME PROCEDURE IS IN PLACE TO REMOVE OFFICERS IF NECESSARY.

THREE OR FOUR MEETING SHOULD BE HELD DURING THE YEAR. THESE MEETINGS SHOULD INCLUDE THE ANNUAL MEETING AND REGIONAL MEETINGS HELD DURING THE SPOKANE AND WALLA WALLA HAMFESTS.

MOTION

CONTINUED KBARA SUPPORT OF THE SPOKANE HAMFEST IS A HOT TOPIC. THE HAMFEST IS TENTATIVELY SCHEDULED FOR THE THIRD WEEK IN APRIL AT THE SPOKANE CONVENTION CENTER. CONVENTION CENTER FEES ARE EXCESSIVE, PUBLIC PARKING ARRANGEMENTS ARE POOR, AND RV PARKING IS IMPOSSIBLE. NOBODY SEEMS HAPPY WITH IT'S NEW LOCATION. THE SPOKANE HAMFEST IS NO LONGER DEPENDENT ON LOCAL CLUBS FOR IT'S GUIDANCE OR SUPPORT. THE FOLLOWS: LET THE CLUB OFFICERS DONATE TO THE SPOKANE HAMFEST, AS THEY SEE FIT. THE MOTION WAS MOVED, SECONDED AND PASSED.

EQUIPMENT REPORT

KARL HAS NOT PURCHASED HIS BATTERY WHICH WAS ON AT THE LAST MEETING. ART HAS PURCHASED NEW REPEATERS FOR MICA AND LOOKOUT THIS YEAR. THE EQUIPMENT FOR LOOKOUT HAS NOT BEEN INSTALLED YET. THE KAMIAK BUTTE REPEATER IS RUNNING ON AN AUXILIARY AMPLIFIER. THE WALLA WALLA REPEATER IS FINE. ART ASKED FOR \$1500 THIS YEAR.

LINK NOTES

BOEING NO LONGER SUPPORTS THE BEARS, 145.33 REPEATER IN SEATTLE. THE NANEM RIDGE, 147.26 GROUP MAY REMOVE THEIR MACHINE FROM THE SYSTEM BECAUSE THEY HAVE NO MONEY. SUPPORT FROM SEATTLE WILL PROBABLY SLOW UP CONSIDERABLY. ART WILL CHECK WITH NANEM GROUP AND OFFER THEM A HAND.

THE ADDITION OF TONE ACCESS TO ALL THE REPEATERS ON THE SYSTEM WAS DISCUSSED. THE 147.36 REPEATER WILL NEED THE MOST WORK.

MOTION

BERNIE VOLUNTEERED TO REMAIN KBARA'S REGISTERED AGENT FOR THE STATE OF WASHINGTON. BERNIE WAS OFFERED A LIFETIME MEMBERSHIP. THE MOTION WAS MOVED, SECONDED AND PASSED.

MOTION

THE MEMBERSHIP REVIEWED THE LIFETIME MEMBERSHIPS OF RUBY (W07C) AND RICH (KG7SD). BOTH WERE APPROVED BY A UNANIMOUS VOTE.

2:30 PM

JOANN BROUGHT THE MEETING TO A CLOSE.

Before the
Federal Communications Commission
Washington, D.C. 20554

PR Docket No. 92-136

In the Matter of

Amendment of Part 97 of the	RM-7894
Commission's Rules to Relax	RM-7895
Restrictions on the Scope of	RM-7896
Permissible Communications in	
the Amateur Service.	

REPORT AND ORDER

Adopted: July 15, 1993;

Released: July 28, 1993

By the Commission:

I. INTRODUCTION

1. In the *Notice of Proposed Rule Making (Notice)*¹ in this proceeding we proposed to amend the amateur service rules to permit greater flexibility for amateur stations while transmitting communications for public service projects and personal matters without altering in any way the nature and purpose of the amateur service. This *Report and Order* adopts the rules substantially as proposed.

II. DISCUSSION

2. The international Radio Regulations define the amateur service as a radiocommunication service for the purpose of self-training, intercommunication and technical investigations carried out by amateurs, that is, by duly authorized persons interested in radio technique solely with a personal aim and without pecuniary interest.² For this reason, Section 97.113(a) of the Commission's Rules, 47 C.F.R. § 97.113(a) prohibits amateur stations from transmitting any communications the purpose of which is to facilitate the business or commercial affairs of any party, or as an alternative to other authorized radio services. The amateur service community, however, generally desires a relaxation of this restriction to accommodate contemporary communications demands and the operational capabilities of amateur station licensees. Noting that it appears the

amateur community appreciates both the benefits and the burdens of such relaxation, we proposed to relax the restriction. Over eighty comments and reply comments were filed in response to the *Notice*.

3. The comments convincingly support the proposal. Although some comments urge caution to prevent exploitation of the service,³ they show that the present rules hamper amateur operators from serving the public as well as diminish the value of the amateur service in satisfying personal communication needs. The vast majority of comments support our proposal to relax the prohibition against using the amateur service as an alternative to other radio services such as the maritime services, land mobile radio services or the cellular telephone service. They believe that the current prohibition is overly cautious and unnecessary.⁴ We concur. The capabilities of modern mobile communication services have all but eliminated the incentive to use the amateur service instead of those services. We will relax, therefore, the current prohibition, as proposed, to provide amateur operators greater flexibility for public service and personal communications.

4. The American Radio Relay League (League) notes that it expects no noticeable change in amateur operations as a result of this rule making.⁵ This relaxation of the restrictions contained in the rules allows the amateur community to satisfy its contemporary needs for communications in return for greater responsibility for self-regulation and cooperation in the use of its allocated frequencies. This relaxation also will satisfy the desire of the licensees of many amateur stations to retransmit propagation and weather forecast information originating from United States Government stations. The revised rule provides, therefore, that propagation and weather forecast information intended for use by the general public and originated from United States Government stations can be retransmitted by any amateur station without permission of any government agency. In addition, as requested by the League, we shall clarify that the rule requiring prior approval for amateur station retransmission of United States Government communications applies only to communications, including incidental background music, between a space shuttle and its associated earth stations.

5. Some comments suggest even greater relaxation than we proposed.⁶ The League, however, states that the proposed rule is a good, workable middle ground offering the requisite protection against exploitation.⁷ The National Association of Broadcasters and The Radio-Television News Directors Association (NAB/RTNDA) request that we eliminate the existing immediacy requirement before amateur operators can become involved in news gathering activities.⁸ The NAB/RTNDA wants amateur operators to be able to disseminate any news information when no other means of communications are available.⁹ Mr. Michael

¹ 7 FCC Rcd 4231 (1992).

² See No. 53 of the ITU Radio Regulations (Geneva, 1990) (hereafter Radio Regulations). The essence of this definition is carried over to the Communications Act of 1934, as amended, which regulates the amateur service in the United States, and to various Commission rule sections. See 47 U.S.C. § 153(q) and Sections 97.3(a)(4) and 97.113 of the Commission's Rules, 47 C.F.R. §§ 97.3(a)(4) and 97.113.

³ Reply comments of the Portland Amateur Radio Club at 2, comment of Wireless Institute of New Orleans at 2.

⁴ Section 97.113(a) states, in part: No station shall transmit communications as an alternative to other authorized radio

services, except as necessary to providing emergency communications.

⁵ Comments of League at 2-3.

⁶ For example, see comments of Paul S. Courson at 1, Robert J. Roehrig at 1, Joseph Eisenberg at 1, Santa Barbara Amateur Radio Club (SBARC) at 1.

⁷ Comments of the League at 9.

⁸ See Section 97.113(c) of the Commission's Rules, 47 C.F.R. § 97.113(c).

⁹ See Joint Comments of The National Association of Broadcasters and The Radio-Television News Directors Association at 1-3.

Lonneke states, however, that the NAB/RTNDA request is a self-serving idea designed to offset shrinking news budgets and smaller news staffs.¹⁰ The League also opposes the NAB/RTNDA request. It states that NAB/RTNDA is attempting to revisit an issue twice resolved against it and that we should not modify the proposed rule to accommodate NAB/RTNDA.¹¹ We do not believe that the amateur service frequencies should be used generally for news gathering and, therefore, we are retaining the immediacy requirement for news gathering activities.

6. The one detail that we are not able to accommodate is the League's request that we provide a list of anecdotal examples of permitted and prohibited communications. For us to do so would necessitate that we intrude upon the day-to-day functioning of the amateur service to a far greater degree than we desire. Further, in view of the wide diversity in the types of communications in which amateur operators want to engage, there would have to be thousands of examples. Therefore, we decline to devote staff resources to the development and maintenance of such a list. Rather, we will rely on the amateur service's traditions of self-regulation and cooperation between licensees, the cornerstones of the amateur service, to determine whether specific communications should be transmitted on amateur service frequencies. We also will include the League's criterion, which we have incorporated in the rules we are adopting in this proceeding, that any amateur-to-amateur communication is permitted unless specifically prohibited, or unless transmitted for compensation, or unless done for the pecuniary benefit of the station control operator or his or her employer.¹²

7. In summary, we have decided to amend the amateur service rules substantially as proposed by the League in order to allow amateur operators more flexibility to provide communications for public service projects as well as to enhance the value of the amateur service in satisfying personal communications needs. Amendment of the rules as the League requests will allow licensees to use amateur service frequencies, for example, to facilitate events such as races and parades, to support educational activities, to provide personal communications such as making appointments and ordering food, to collect data for the National Weather Service, and to provide assistance voluntarily even where there are other authorized radio services available. We believe that this action will expand the benefits derived from the amateur service by the general public as well as amateur service licensees.

III. ORDERING CLAUSES

8. Accordingly, IT IS ORDERED that effective 30 days after publication in the Federal Register Part 97 of the Commission's Rules, 47 C.F.R. Part 97, IS AMENDED as set forth below. Authority for this action is found in Sections 301, 303(1)(1) and (r) of the Communications Act of 1934, as amended, 47 U.S.C. §§ 301, 303(1)(1) and (r).

9. IT IS FURTHER ORDERED that this proceeding IS TERMINATED.

10. For further information, contact the Personal Radio Branch, Special Services Division at (202) 632-4964.

FEDERAL COMMUNICATIONS COMMISSION

William F. Caton
Acting Secretary

APPENDIX

Part 97 of Chapter I of Title 47 of the Code of Federal Regulations is amended as follows:

Part 97 - Amateur radio service

1. The authority citation for Part 97 continues to read as follows:

Authority citation: 48 Stat. 1066, 1082, as amended; 47 U.S.C. §§ 154, 303. Interpret or apply 48 Stat. 1064-1068, 1081-1105, as amended; 47 U.S.C. §§ 151-155, 301-609, unless otherwise noted.

2. Section 97.113 is revised to read as follows:

§ 97.113 Prohibited transmissions.

(a) No amateur station shall transmit:

(1) Communications specifically prohibited elsewhere in this Part:

(2) Communications for hire or for material compensation, direct or indirect, paid or promised, except as otherwise provided in these rules;

(3) Communications in which the station licensee or control operator has a pecuniary interest, including communications on behalf of an employer. Amateur operators may, however, notify other amateur operators of the availability for sale or trade of apparatus normally used in an amateur station, provided that such activity is not conducted on a regular basis;

(4) Music using a phone emission except as specifically provided elsewhere in this Section; communications intended to facilitate a criminal act; messages in codes or ciphers intended to obscure the meaning thereof, except as otherwise provided herein; obscene or indecent words or language; or false or deceptive messages, signals or identification;

(5) Communications, on a regular basis, which could reasonably be furnished alternatively through other radio services.

¹⁰ Reply Comment of Michael Lonneke at 2.

¹¹ Reply Comments of the League at 6-9.

¹² RM-7895 at 2-11. The content of messages transmitted between amateur stations located in different countries is subject to international Radio Regulation No. 2732. This Radio Regulation is codified as Section 97.117 of the Commission's Rules, 47

C.F.R. § 97.117. Content restriction on messages between an amateur station located at a place where the amateur service is regulated by the FCC and a station within the jurisdiction of any foreign government is not affected by this amendment of Section 97.113.

(b) An amateur station shall not engage in any form of broadcasting, nor may an amateur station transmit one-way communications except as specifically provided in these rules; nor shall an amateur station engage in any activity related to program production or news gathering for broadcasting purposes, except that communications directly related to the immediate safety of human life or the protection of property may be provided by amateur stations to broadcasters for dissemination to the public where no other means of communication is reasonably available before or at the time of the event.

(c) A control operator may accept compensation as an incident of a teaching position during periods of time when an amateur station is used by that teacher as a part of classroom instruction at an educational institution.

(d) The control operator of a club station may accept compensation for the periods of time when the station is transmitting telegraphy practice or information bulletins, provided that the station transmits such telegraphy practice and bulletins for at least 40 hours per week; schedules operations on at least six amateur service MF and HF bands using reasonable measures to maximize coverage; where the schedule of normal operating times and frequencies is published at least 30 days in advance of the actual transmissions; and where the control operator does not accept any direct or indirect compensation for any other service as a control operator.

(e) No station shall retransmit programs or signals emanating from any type of radio station other than an amateur station, except propagation and weather forecast information intended for use by the general public and originated from United States Government stations and communications, including incidental music, originating on United States Government frequencies between a space shuttle and its associated Earth stations. Prior approval for shuttle retransmissions must be obtained from the National Aeronautics and Space Administration. Such retransmissions must be for the exclusive use of amateur operators. Propagation, weather forecasts, and shuttle retransmissions may not be conducted on a regular basis, but only occasionally, as an incident of normal amateur radio communications.

* * * *

