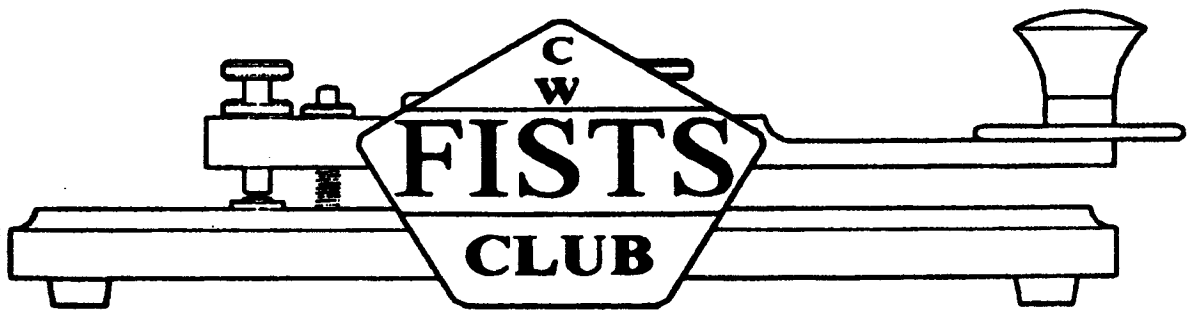


# The Keynote

Newsletter of FISTS CW Club

The active chapter of the International Morse Preservation Society

**“Accuracy Transcends Speed”**



- Further the use of CW
- Encourage newcomers to use CW
- Engender friendships among members

‘ “When You’ve Worked A FISTS, You’ve Worked A Friend”

**When you have a question about FISTS, go to the source for the correct answer.**

**Posting a question on a chat room or email reflector may result in a lot of opinions, but your best bet is to ask a FISTS volunteer or look in this reference issue.**

**Please put the word 'FISTS' somewhere in the title of your email. This will help the volunteer recognize that your email is important and not spam.**

**For questions about:**

**Awards and Certificates contact  
Dennis Franklin, K6DF, fistsawards@comcast.net**

**The QSL Bureau contact  
Stan Reas, K4UK, k4uk@rev.net**

**Our club call KN0WCW contact  
Karl Zuege, KB1DSB, kb1dsb@arrl.net**

**The membership roster, call changes, name changes contact  
Ed Hayes, N7CFA, n7cfa@msn.com**

**To get an application or sample Keynote sent to a friend contact  
Jim Ranieri, AA9LS, aa9ls@turbotoads.com**

**Web page changes, getting your personal or club webpage linked, etc contact  
Webmaster Bill Myers, KK4KF, kk4kf@cox.net**

**Club presentation packets contact  
Joe Spencer, KK5NA, kk5na@kk5na.com**

**To change or include your email address on the FISTS email list contact  
Kathi Hilton, N0FKA, fistelist@comcast.net**

**Code Buddy volunteers and buddies contact  
Nick Yokanovich, K3NY, & The Historical Electronics Museum Amateur Radio Club,  
w3hem@arrl.net**

**Sprints contact  
Dan Sheperd, N8IE, W8PIG@yahoo.com**

**Get Your Feet Wet Weekend contact  
Lee Hallin, N7NU, hallinl@lanecc.edu**

**All other questions, including supplies, tapes for the blind, address changes, general membership questions and articles for the Keynote contact Nancy Kott WZ8C, nancy@tir.com; PO Box 47, Hadley MI 48440, phone 810-797-2033, fax 810-797-5808.**

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# FISTS CW CLUB

*THE INTERNATIONAL MORSE PRESERVATION SOCIETY*

**NANCY KOTT WZ8C PO Box 47 HADLEY MI 48440**

**NANCY @TIR.COM PHONE: (810) 797-2033 FAX (810) 797-5808**

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# HOW DO I...?

Info on How to Do just about anything related to FISTS

Please read this - it really will answer most of your questions

## HOW DO I JOIN?

Membership is open to all people interested in Morse code, irrespective of their speed and ability.

An application form is not necessary to join, but it gives us a more complete picture of our membership. You can download a North American membership application on the FISTS web page: <http://www.fists.org>.

An application can be mailed to you. Send a message Jim Ranieri, AA9LS, [aa9ls@turbotoads.com](mailto:aa9ls@turbotoads.com) and he will email it to you, or mail an SASE to him at 33778 Rebecca Rd, Kingston IL 60145 and Jim will send you an application via return postal mail.

To join without an application, send your name, call, and mailing address with your membership fee to Nancy WZ8C, PO Box 47, Hadley, MI 48440 (checks payable to FISTS).

*To join using Paypal ([www.paypal.com](http://www.paypal.com)), send the funds to [fists@tir.com](mailto:fists@tir.com). In the comments box, type **NEW MEMBERSHIP**, your callsign, name and mailing address if different from your Paypal address.*

## HOW MUCH DOES IT COST?

Subscriptions are **\$15.00/year**; Under 18= **FREE**; College students = **\$10**. Family members may join FISTS at no extra charge-only one newsletter is mailed per household.

**Please make checks payable to FISTS CW Club and send to FISTS, P O Box 47, Hadley, MI 48440.**

***Do not send FISTS correspondence to Nancy WZ8C's callbook address.***

Checks can take 6-8 weeks to clear from the day received. Nancy processes them, then takes them to the bookkeeper. The bookkeeper enters them into the "official books", then takes them to the bank. Depending on schedules that month, it can take 6-8 weeks. ***It does NOT take 8 weeks to get your number, it just may take that long for your check to clear.***

**NOTE: To continue a teen (17-) or old-timer membership (80+), you must notify WZ8C of your continued interest in FISTS, renewals are not automatic.**

## HOW DO I JOIN USING MY PAYPAL ACCOUNT?

North American FISTS accepts PAYPAL (<http://www.paypal.com>). Address your PAYPAL payment to **FISTS@TIR.COM** To join via Paypal, type "New Membership" in the Paypal Comments Box, your name (if different from the name on your Paypal account), callsign, and mailing address.

## HOW DO I KNOW WHEN TO RENEW?

A FISTS volunteer sends out renewal postcards, but if you renew prior to your renewal month it will save postage and printing costs as well as volunteer time. Your renewal date is on your Keynote mailing label in the form of year, month, date. For example 2005/4/4 would be a renewal date April 2005. The date of the month is meaningless, but the computer program requires a date, so generally the date of the month is the same as the month. 2005/12/12; 2006/5/5 etc. **RENEWALS ARE FREE FOR AGES 80 AND UP & 17 AND YOUNGER.**

## HOW DO I RENEW?

To renew, send \$15 to Nancy WZ8C (checks payable to FISTS) at FISTS, PO Box 47 Hadley MI 48440.

**HOW DO I RENEW WITH PAYPAL?** If you have a Paypal account, send the funds to [fists@tir.com](mailto:fists@tir.com); put "RENEWAL" in the Comment Box, along with your callsign.

## MAY I RENEW FOR MORE THAN ONE YEAR AT A TIME?

Yes! You may renew for as many years at a time as you like, but there is not a 'quantity' discount.

### **MY MEMBERSHIP LAPSED, CAN I GET MY OLD NUMBER BACK?**

Yes - numbers are not reassigned. If you have had a number in the past, please let Nancy know at the time of your renewal. so she can 'reactivate' it

### **WHERE DO I MAIL A DX APPLICATION OR RENEWAL?**

ZL,VK applications are go to Ralph Sutton, ZL2AOH at 12C Herbert Gardens, 186 The Terrace, Wellington 6001, New Zealand. East Asia inquiries to Jean at [join@fists-ea.org](mailto:join@fists-ea.org) All other applications are to be mailed to Geo Longden, G3ZQS at 119 Cemetery Rd, Darwen Lancs, BB3 2LZ.

**HOW DO I GET A NUMBER FOR MY LOCAL CLUB?** Clubs with FCC call signs may be assigned a FISTS number at no charge providing there is at least one FISTS member in good standing in the local club. These clubs are not legally affiliated with FISTS, nor does FISTS have anything to do with how the club is run, etc. It just means the club has a FISTS number and is worth three points toward awards. If the club wants a newsletter, there is a \$15 a year charge. To defray costs, please enclose \$3 when a club applies for an award and wants a certificate. There is no charge for a Century Certificate number, just for the certificate if one is desired. Membership certificates are \$1 for clubs.

### **HOW DO I UPDATE MY ADDRESS or CALL SIGN ON THE FISTS DATABASE?**

Send corrections or changes to Nancy Kott, WZ8C, at FISTS, P. O. Box 47, Hadley, MI 48440 or email to [nancy@tir.com](mailto:nancy@tir.com). Please send labels with your corrections to the FISTS QSL Bureau so the bureau workers don't have to change all your SASEs by hand.

**HOW DO I GET A PRINTED UP-TO-DATE MEMBER LIST?** Send a SASE with \$2.00 (US) to Ed N7CFA 2628 Lilac Street, Longview, WA 98632. Lists are available on the FISTS Web page. The search engine feature on the main web page is updated more frequently than the text list on the web page, but only includes North American members.

**HOW DO I GET ON THE FISTS EMAIL LIST?** To receive periodic official Email updates, send your Email address, call sign and FISTS number to Kathi Hilton. [fistelist@comcast.net](mailto:fistelist@comcast.net). If you put your email address on your application, it is automatically added to the list.

Due to potential spam problems, the list is NOT given out to the membership and is NOT published on the web page. It is ONLY used to notify you of FISTS items of interest. If you want people to know your e-mail address, we recommend you include it in your listing on QRZ.com or Buckmaster lookup service.

**HOW DO I ORDER CLUB SUPPLIES?** Irene W08E 44609 N. Bunker Hill Dr., Clinton Twp, MI 48038 is our Supply Manager. Our supplies are sold as close to cost as possible We offer:

Metallic gold logo stickers, 200 for \$3.50

I "red heart graphic" CW Stickers, 3/4" round stickers, \$3.50 for 200

Blue enamel cloisonne/gold metal "FISTS CW CLUB" octagon logo pin, with tie-tack type pin back \$1.50

White enamel cloisonne pin "I (red heart graphic) CW" "FISTS CW CLUB" along edge. 3/4" diameter circle tie-tack type pin on back \$1.50

Embroidered cloth patch of our rectangle key logo, \$1.00. The patches can be ironed on or sewn.

**You may use Paypal to order supplies. Send the total amount to [fists@tir.com](mailto:fists@tir.com) and put the items you would like in the comments box. Be sure your name & address are included.**

**ALL PRICES INCLUDE POSTAGE. DO NOT ADD POSTAGE TO YOUR TOTAL**

**HOW DO I GET FISTS SHIRTS?** Show the world that you are proud to be a FISTS member. We have t-shirts, sweatshirts, and polo shirts. The front of the t-shirts and sweatshirts are printed in silver:

I'm PROUD to be a KNOW CODE Ham

and the backs of the shirts are printed in light blue with the FISTS key logo graphic and

Join the Code Crusade  
<http://www.fists.org>

The T-shirts are available in two solid colors: **black or royal blue** (a medium blue, not navy)

**Sweatshirts are gray with royal blue printing on the front and back.**

The **polo/golf shirts** are **sky blue** with the FISTS key tastefully EMBROIDERED on the top left side. They are short sleeved and have a knit collar and a couple buttons at the neck.

Sizes are small, medium, large, XL, 2XL, and 3XL. All shirts are 50/50 blend. The T's are "Best" Fruit of the Loom. Sweats are 5.8 oz Jerzee and Polos are Fruit of the Loom. The total prices including postage are:

T-shirts = \$6.00  
Sweats = \$11.00  
Polos = \$15.00

NOTE: Contact Nancy WZ8C ([nancy@tir.com](mailto:nancy@tir.com)) for non-USA or bulk order postage.

**You may order using Paypal.** The email address to use for Paypal is [fists@tir.com](mailto:fists@tir.com). Do NOT use [nancy@tir.com](mailto:nancy@tir.com). In the "comments" box of the Paypal form, please be specific about what you are ordering, since this info will be used to fill your order.

To order by mail, send your order (don't forget to include what color tshirt you want, and the size!) to

Nancy Kott WZ8C, PO Box 47, Hadley MI 48440  
Checks payable to FISTS, Paypal to [fists@tir.com](mailto:fists@tir.com).

This is a limited time opportunity. When the shirts are gone - they're GONE, so get yours now!

**HOW DO I GET/SEND FISTS QSL CARDS Via BURO?** Keep SASEs in stock with the FISTS QSL Bureau. Stan Reas K4UK runs the Bureau. Send envelopes to 1020 Long Island Drive Moneta, Va 24121

**HOW DO I SEND APPLICATION OR SAMPLE NEWSLETTER TO A FRIEND?** For a brochure, email Jim AA9LS at [aa9ls@turbotoads.com](mailto:aa9ls@turbotoads.com) with their name, call sign, and postal address. SASEs are appreciated. Joe's postal address is 33778 Rebecca Rd, Kingston IL 60145 An application is available for downloading on our web page <http://www.fists.org>.

**PAY FOR THE SUBSCRIPTION OF A DX FISTS MEMBER?** Subs for European FISTS, paid from the USA, are \$10/year American Cash. Non-European (Africa etc.) FISTS are \$15/year in US CASH. No International Money Orders, postal money orders or personal checks, cash only. Send it to Geo Longden, 119 Cemetery Rd, Darwin Lancs BB3 2LZ U.K. CASH ONLY. Don't forget to include the name and address of the DX ham you want to sponsor. They will receive the DX version of the Keynote, which is written and mailed by Geo. For Oceania or East Asia, contact these chapters directly. Geo accepts paypal to [fist1@btinternet.com](mailto:fist1@btinternet.com).

**APPLY FOR AN OPERATING AWARD?**

Dennis Franklin K6DF is the Awards Manager. We have many different operating awards. Details are on our web page or in the Keynotes. Dennis's contact information is [fistsawards@comcast.net](mailto:fistsawards@comcast.net) or 4658 Capitan Drive Fremont, CA 94536-5448. Please put FISTS in the title of your email.

**WHAT IS KN0WCW AND HOW DO I OPERATE KN0WCW?**

KN0WCW is the USA FISTS Callsign. Members in good standing (meaning, paid up dues) can operate KN0WCW from their home station after getting PERMISSION. To get permission, contact Karl Zuege, KB1DSB

(kb1dsb@sover.net). A schedule of operators can be found on the FISTS Web page. Remember, when you're using KN0WCW, you're flying the flag for FISTS, so please operate responsibly.

### **HOW DO I VOLUNTEER FOR or GET A CODE BUDDY?**

W3GR, The Historical Electronics Museum Amateur Radio Club members are the volunteers handling the Code Buddy Program. Contact them at Box 746 MS 4015, Baltimore, MD 21203 or Email [W3GR@arrl.net](mailto:W3GR@arrl.net). We need ELMERS and Buddies, please volunteer to be a Code Buddy!! You don't have to be a speed demon to be a Code Buddy, lots of people just want someone to practice with, just like YOU! Code Buddy applications are available on line or from W3GR.

### **HOW DO I GET MY PHOTO ON THE PHOTO PAGES?**

Send a snapshot of yourself with your face about the size of a quarter to Ken W8ROG 44609 N. Bunker Hill Dr., Clinton Twp, MI 48038.

### **HOW DO I RECEIVE THE KEYNOTE ON TAPE?**

The keynote is available on tape, free, to legally blind members. Contact Ken Kott, W8ROG, 44609 N. Bunker Hill Dr., Clinton Twp, MI 48038.

### **HOW DO I GET A COPY OF FISTS PRESENTATION** to give at my local club meeting?

It's easy and fun! We send you everything you need for a snazzy 15-20 minute presentation. Contact Joe Spencer, KK5NA, 3618 Montridge Ct, Arlington TX 76016.

### **HOW DO I SUGGEST IDEAS FOR THE WEB PAGE?** Contact Bill KK4KF at [kk4kf@cox.net](mailto:kk4kf@cox.net)

### **HOW DO I ORDER FISTS CLUB QSL CARDS?**

You may use the FISTS logos and get cards from any printer you wish. [Cheapqsls.com](http://cheapqsls.com) has made a special FISTS card with special pricing for FISTS members. For ordering information and to see the cards visit <http://www.cheapqsls.com/fists.htm>

### **HOW DO I ORDER A FISTS CLUB ID BADGE?**

Our club badge is dark blue, with FISTS logo in gold and your name, FISTS number, callsign, and Int'l Morse Preservation Society" in white. They are \$8.20 postpaid from The Sign man of Baton Rouge, 879 Castle Kirk Dr., Baton Rouge, LA 70808.

**HOW DO I IMPROVE MY CODE SPEED and MEET LOTS OF NEW FRIENDS?** Join FISTS! Get involved in the nets and activities! Volunteer to be a Code Buddy! Write an article for the Keynote about your interests!

**HOW DO I GET A COPY OF THE K700 CODE COURSE?** FISTS makes this wonderful course available free of charge. To get a copy, when available, send an SASE big enough to hold a CD and with enough return postage to Nancy WZ8C PO Box 47, Hadley MI 48440.

## **The Official Story of how FISTS got its Name**

I used to be a member of TOPS before it went out. Quote on their banner was "Where FISTS Make Friends". A "FIST", as you know, is nothing more than a CW ops' reference to another ops' keying characteristic. Phil (TOPS founder/sec) was delighted when I told him of the connection though he was later to follow his XYL and his beloved dog, but I will never forget the enthusiasm which came back from his old vibro. 73 de Geo G3ZQS FISTS Co-Founder



# FISTS AWARDS

## General Information

**All FISTS awards can be applied for via e-mail.**

Send an e-mail to the Awards Manager with your call sign, name and address, FISTS membership number, and the name of the award you are applying for. Attach your log of all contacts for the award to the e-mail. The ONLY files that can be accepted are; Excel, Word, and Text files. Put the word FISTS in the title of your email.

*DO NOT send logs that are scanned images of your log pasted into Excel and Word documents. Scanned images of log pages will not be accepted.*

The ONLY data on the log should be Call, Date, Band, FISTS Nr, Points, CC number.

=====

**IMPORTANT (For logs submitted via e-mail):** Use a SINGLE TAB between data elements. NO SPACES. The information on your attached log is exported into Excel and checked for duplicate contacts. The data cannot be exported properly if there are spaces instead of ONE TAB. Each data element must be in a field of its own. Which means, DO NOT include any other information such as "QTH", "Name", or the letters "FISTS #", or "CC" in with any of the data.

**Logs that DO NOT follow this format will be returned unprocessed.**

We realize that the data will not line up in neat even columns when using a single TAB. It doesn't matter if the data on the log lines up or not because it is checked using a computer program, not by printing it out and looking at it. It just takes too much time to convert the logs with spaces in them to a log with a single TAB, so they will not be accepted.

=====

Carefully check your log for duplicate contacts and delete them prior to sending your log for an award. Deleting Dupes from your log is your responsibility. Paper and electronic logs with excessive Dupes will be returned and not processed.

Please do not send logs that are scanned images (.jpg .gif for example) of your log pasted into Excel and Word documents. Scanned images of log pages will not be accepted. All logs must have "editable" text.

When you apply for an award, please send the complete log for that award. For example, if you have the Silver award and are applying for the Gold award, send the complete log showing all contacts used for the Gold award 500 points.

If you are mailing your award application, **DO NOT SEND YOUR ORIGINAL LOG:** send a copy. After the logs are checked the logs are discarded, as it is too expensive to mail them back. If you want your log returned, include sufficient return postage.

All contacts submitted in award logs must have been made via two-way CW mode on the air using the call sign, or a previous call sign held by the person submitting the award log.

There is no charge for awards of FISTS members whose dues are current.

Clubs with FISTS Numbers that haven't paid dues, non-FISTS, and FISTS members whose dues are not current **are eligible for awards but must enclose \$3 to help defray expenses.**

All FISTS members, worldwide, can submit their awards to:

**FISTS Awards Manager Dennis Franklin K6DF, 4658 Capitan Drive, Fremont, CA 94536-5448**

Or email to: [fistsawards@comcast.net](mailto:fistsawards@comcast.net) Please put the word FISTS in the title of your email.

## Dupe Check Sheets

A "Duplicate" Check Sheet must be included with all submitted paper logs of over 100 contacts that are not sorted by FISTS number for Century Awards, or sorted by CC number for Platinum Awards. If your log is sorted by FISTS number or CC number, you do not need to send a Dupe Sheet.

*NOTE: The NANFA Award does not require a Dupe Sheet.*

A "Dupe" check sheet can be downloaded from the FISTS web page. To view it online, just click the link. To download, "right mouse click" on the link and "save as" to your hard drive.

To make your own Dupe Sheet, take a blank sheet of 8.5 by 11 paper and turn it sideways so that the long side is at the top. Write the numbers 1 through 9 along the top edge of the paper spreading them out so you have plenty of room between each number. Now, go through your award log and write the FISTS number for each QSO under the numbered column that corresponds with the first number of each FISTS number. **DO NOT USE THE CALL SIGNS.** Each time you enter a new number in a column, check down through that column to see if that FISTS number has been previously entered. If it has, then it is a dupe and should NOT be used for your Award Log. This "Dupe" sheet needs to be sent with your award log when applying for awards with over 100 contacts.

## What is a CC Number?

This is one of the most asked FISTS Questions! CC stands for Century Certificate. A CC number is the number on the certificate you get when you earn the Basic Century Award. Each certificate has a sequentially issued number on it. That number is your CC number. People exchange CC numbers on the air because the Platinum awards are earned by "collecting" them. You need not have a CC number to collect CC numbers, but it makes it more fun if you can give one out, too.

## The Century Award Series

*IMPORTANT TO REMEMBER: For the Century Series, a FISTS number can only be counted once.*

YOU don't have to be a FISTS member at the time of the contact, but THE PERSON you are claiming for Century Award points must have a FISTS number AT THE TIME OF THE CONTACT. For example, if you QSO with someone who is not a FISTS member, but they join FISTS after the QSO, you must work them again for credit. You cannot count the QSO you had before they joined FISTS toward the Century Award.

The person you contact does not have to be an Active Member at the time of your contact. Their number still counts. It would be impossible for our Awards Manager to cross-check dates of renewals to the contact dates, so we make it simple and say "everyone counts". We would hope that if someone cares enough to give out their FISTS number on the air, they will care enough to support the club, but their number counts regardless whether they are a member in good standing or not.

A QSL card is not needed to claim the contact for Century Awards. A worksheet is available on the FISTS Web page in PDF format (you need the FREE Adobe Reader to view/use it). Use it to help keep track of stations worked, and it can be used for ALL of the Century Awards.

### **Basic Century Award**

The Century Award is earned by working 100 points of FISTS members. FISTS operating from the same country that you are in are worth one point. FISTS operating from a different country, as defined by DXCC rules, are worth two points. FISTS affiliated club stations are worth three points.

The following FISTS National Club Stations are worth 5 points towards FISTS awards;

GXØIPX #0001, ZL6FF #9600, VK2FDU #9610, and KNØWCW #10,000

### **Silver Century Award**

The Silver Century Award has the same rules as the Basic Century and is for a total of 250 points. Points used to claim the Basic Century may be used toward the Silver Century Award. Send a log showing all 250 points used for the Silver Award.

### **Gold Century Award**

The Gold Century Award has the same rules as the Basic Century, but it is for a total of 500 points. Points used to claim the Basic Century & Silver Century may be used toward the Gold Century Award. Send a log showing all 500 points used for the Gold Award.

### **Diamond Century Award**

The Diamond Century Award has the same rules as the Basic Century, but it is for a total of 1000 points. Points used to claim the Basic, Silver, and Gold Centurys may be used toward the Diamond Century. Send a log showing all 1000 points used for the Diamond Award.

NOTE — If you earn your Basic, Silver, Gold, or Diamond award using QRP, (5 watts or less), please state so at the time of your application for that award. Your call will be printed on the award as, “Your Call - QRP”.

## **Platinum Series**

### **Basic Platinum**

This award, which used to be called the Century of the Centuries, is earned by working 100 different Century Certificate holders. The Century Certificate (CC) number must be obtained during an on-air CW QSO. Each CC number is only counted once, for a total of 100 numbers, regardless of location or band.

You do not have to have a QSL card to claim the contact for the Platinum Awards. A worksheet is available on the FISTS Web page in PDF format (you need the FREE Adobe Reader to view/use it). Use it as a check sheet to help keep track of stations worked, and it can be used for ALL of the Platinum Awards.

### **Platinum 250 Award**

The 250 Platinum Award is for 250 Century Award holder Contacts. Send a log showing all 250 CC numbers used for the Platinum 250 Award.

### **Platinum 500 Award**

The 500 Platinum Award is for 500 Century Award holder Contacts. Send a log showing all 500 CC numbers used for the Platinum 500 Award.

## **Mobile Award**

This award is earned by accumulating 100 points of two-way CW OSO's made while MOBILE on or after September 1, 1998.

Point rules are the same as the Basic Century Certificate Award. Duplicate contacts do not count.

For purposes of this award “MOBILE” means: Any land motor vehicle used to transport people (car, truck, etc.)

Transmitting and receiving antennas must be physically attached to the vehicle.

Transceiver must be located inside the vehicle and powered by the vehicle's electrical system.

You may count the points claimed for the Mobile Award toward the one and two-way QRP Awards if the power is 5 watts or less. They may also be counted toward the Gold, Platinum, or other awards if you have not previously claimed these contacts.

### **Worked All States Award**

The WORKED ALL STATES award is earned by working FISTS members in all 50 states. The station worked must be a FISTS member at the time of the contact.

Contacts must be made from the same location, or from locations no two of which are more than 50 miles apart which is affirmed by signature of the applicant on the application.

A checksheet is available in PDF format on the FISTS Web page.

### **Rag Chewers Award**

This award is earned by making 100 two-way CW QSO's, each lasting at least 30 minutes, with another FISTS member on or after the date of September 1, 1998. Duplicate member contacts are valid, but they must be made on different dates.

### **1 X QRP Award**

The 1 X QRP Award is earned by working 100 points of FISTS members while you are operating QRP, 5 watts or less. Same point rules as the Basic Century Award.

### **2 X QRP Award**

The 2 X QRP Award is earned by working 100 points of FISTS members while you and the other station contacted are both operating QRP, 5 watts or less. Same point rules as the Basic Century Award.

### **Nightmare Alpha-Numeric FISTS Award (NANFA)**

Start date for this award is January 1, 2003. THERE IS NO ENDING DATE - Take as long as you want to finish it! All contacts claimed for this award must be made after the starting date.

This award will be a lot of fun as well as a challenge. The award was created by Jack Bock, K7ZR #2656. (Silent Key)

REPEAT: There is NO TIME LIMIT to complete this award.

- 1) Contacts must be 2-way CW on-air contacts made on and after Jan 1, 2003.
- 2) Contacts can be made at any time, any place at any speed.
- 3) Contacts must be with a person or club with a FISTS number.
- 4) Contacts can be with FISTS from any country.

The object is to work stations whose call signs fit into the squares on a grid. There are 260 squares (26 letters and 10 numerals) 'Counters' are the last numeral of the call sign and the first letter of the suffix. For example, K7ZR goes in the 7 column at the Z row. WZ8C fits in the 8 column on the C row. P31ABC would be in the 1

column on the A row. By convention, use the numeral of a portable designator if there is one - WB9CIS /M3 would be in the 3 column on the C row. Also put the date (month/day) in the square with the call sign for reference.

You can make your own grid sheet by taking a piece of 8.5" x 11" lined writing paper and drawing 10 each 3/4" vertical columns labeling them "1" through "0". Then go to the left-hand margin and label 26 of the horizontal stripes "A" through "Z".

A ready-made .pdf grid log, is available for downloading on the FISTS Web page.

To get your NANFA certificate, send your completed grid (filled in with the call signs and dates) along with your log containing the same contact info used for the Basic Century Award. If you work the award using QRP or Mobile state so on your award application. Your award certificate will then be printed with "Your Call - QRP" or "Your Call - Mobile".

## **The Millionaire Award**

So, you want to be a millionaire? You'll feel like a million bucks when you hang this piece of wallpaper in your shack! This award is simple and obtainable, as well as challenging. You earn it by working a total of a million in FISTS membership numbers. The basic award is for one million points with endorsement stickers for additional increments of one million.

For example, if you work member number 11500 and member number 10000 and then work #379, you'd have a total of 21,879 points.

We hope to encourage newer FISTS members to get on the air, since they have "bigger" FISTS membership numbers they will be sought after.

You may only claim member numbers for credit once per band, but use as many bands as you want. If you use the WARC's please be sure your contact is a legit QSO. We don't want FISTS to have the reputation of being the ones to spoil the WARC's with hit and run, contest like QSO's. Exchange FISTS numbers on the air and have a little chat - about the weather, your key, your rig, family...

Two-way CW contacts only. You do not need to get a QSL confirmation of the QSO - just keep a running total of the FISTS membership number points. Only contacts made on or after January 1, 2006 are valid.

To claim the award with a paper/written log, include a log sheet that has the contacted callsign, band & date worked and FISTS number - with the numbers totaled - and DUPE sheets for each of the bands used. Since you may work a FISTS number on different bands for credit, separate dupe sheets for each band are necessary to help the Awards Manager verify your log.

Send paper logs/dupe sheets submissions to: Awards Manager Dennis Franklin, K6DF, 4658 Capitan Drive , 4658 Capitan Drive , Fremont, CA 94536-5448

Logs submitted electronically do not need to include dupe sheets. Email logs to Dennis via the link on the bottom of the main FISTS page. Attach your log of all contacts for the award to the e-mail. The ONLY files that can be accepted are; Excel, Word, and Text files. Put FISTS in the title of your email

For ALL award submissions, Include your call sign, name and address, FISTS membership number, and the name of the award you are applying for. DO NOT send logs that are scanned images of your log pasted into Excel and Word documents. Scanned images of log pages will not be accepted.

This award is available to FISTS and non-FISTS members. It is free of charge to members in good standing.

Please answer someone's CQ at the speed they are sending and USE SPACES between your letters and words. The most common, yet most easily remedied, problem is SPACING. You can be sending perfectly formed code, but if it's all run together, it still sounds like gibberish and gives you a bad fist.

## FISTS USA Club Call Certificates

*There are two FISTS USA Club Call certificates: Operator — & — Achievement*

### FISTS USA Club Call (KN0WCW) Operator Certificate

The Operator Certificate will be issued for making a minimum of 10 contacts per day, (FISTS or non-FISTS stations), of scheduled use of the FISTS USA Club Call during the time you are the Control Operator of the call.

Example: If you signed up to use the Club Call for 5 days total, you must make a minimum total of 50 QSO's with the Club Call in order to qualify for the "Operator Certificate". These 50 contacts may be spread out over the 5 days in any manner.

Send your paper Club Call log, within 15 days after your last day of operation, to:

**Karl Zuege, KB1DSB - KN0WCW QSL MGR**

**2176 Drake Road, Bomoseen, VT 05732**

(802) 468-5444 (leave message and will spend the dime to call you back)

Email: kb1dsb@sover.net <mailto:kb1dsb@sover.net>

### FISTS USA Club Call (KN0WCW) Achievement Certificate

There are two options to obtain the Achievement Certificate:

1. Contact the FISTS USA Club Call once each month of the calendar year. (Total of 12 QSO's)

Example: You work W2YMX using the Club Call in January, you may also work W2YMX using the Club Call again in February, plus other stations in the remaining 10 months. A contact needs to be made with the Club Call every month of the year under option #1.

Using Option #1, the same station using the Club Call may be worked more than once providing it is in different months.

OR ...

2. Contact 12 different authorized stations using the FISTS USA Club Call during a calendar year. (Total of 12 QSO's)

Example: If work W2YMX, N1PT and KB1DSB using the Club Call in January, you may not work those stations using the Club Call again in any other month during the year if you are going to claim the Achievement Certificate under option #2.

Using Option #2, you can only work a station authorized to use the Club Call once during the calendar year.

Send your station log claiming the Achievement Certificate to: **Dennis Franklin, K6DF**, 4658 Capitan Drive Fremont, CA 94536-5448 E-Mail logs will be accepted for the Achievement Certificate only at the following e-mail address:

fistsawards@comcast.net (put FISTS in the title of your email)

Only Excel, Microsoft Word and Text files are acceptable e-mail logs for the Achievement Award.

## Award Questions

Questions about awards may be directed to;

**Dennis Franklin, K6DF** 4658 Capitan Drive Fremont, CA 94536-5448

or **Nancy WZ8C** PO Box 47 Hadley, MI 48440-0047 (nancy@tir.com)

# Beginner's Guide to the FISTS QSL Bureau

Basically the QSL Bureau works like this:

You pack up all your QSL cards you have for contacts with other FISTS members and send them to us. We sort the cards and put them in the Self Addressed Stamped Envelopes (SASE's) which the members have sent to us. When we get 6 to 7 cards in an SASE with one ounce (37 cents) postage on it we mail them.

The mailing address for the Bureau is:

FISTS QSL Bureau  
c/o Stan Reas - K4UK  
1020 Long Island Drive  
Moneta, VA 24121

So, to get the cards which are sent via the Bureau for you, you need SASE's on file with us. We suggest a minimum of three SASE's be sent. We require envelopes which are at least 4-1/8" high and much prefer the #10 Business Size envelope (4-1/8" x 9-1/2") which will work for nearly all QSL card sizes.

**The smaller Personal Size envelope (3-5/8" x 6-1/2") will not handle the large QSL cards which some members send and will no longer be accepted.**

Some of the members send 6" x 9" Kraft envelopes which can handle all cards sizes I've ever seen. If you can find the 5" x 7" Kraft envelopes they are a really nice size for SASE's

Your SASE should have at least one ounce postage (37 cents) in the upper right hand corner. Your address goes in the normal address portion of the envelope and put your call in LARGE letters in the upper left hand corner. We will put stamp the lower left hand corner of each of your SASE's:

ENVELOPE \_\_\_\_\_ OF \_\_\_\_\_  
SASE LEFT \_\_\_\_\_

This will indicate which envelope is being used and how many are left on hand.

We will include a "Last Envelope in Bureau" note when we have used your last envelope to send cards to you. Also, if the numbers in the bottom left hand corner indicates: for example: "Envelope # 3 of 3" - it will have been your last envelope. When you send in additional cards you can then send in additional SASE's.

Based on the weight of my QSL card the following postal rates apply effective July 1, 2002 per the scales in the Moneta, Virginia Post Office:

Weight	Postage	Cards
1 ounce	39 cents	7
2 ounce	63 cents	15
3 ounce	87 cents	23
4 ounce	\$1.11	31

If we get a real bunch of cards for you, we may put them all in the one envelope and add postage as required from our "stamp kitty". If we do this, we appreciate your reimbursing the kitty with your next batch of cards. If you put more than 37 cents postage on your SASE's we will wait until we get the number of cards equivalent to the postage before mailing. If you prefer periodic mailing just let us know.

You can send QSL's for contacts with **all** foreign FISTS members to us and we will forward them to Chuck Spence, M0AVW in England or Nigel Hardy, ZL2TX in New Zealand who handle the distribution of QSL cards

for overseas DX. We distribute cards for Canadian FISTS and other DX FISTS in North and South America directly from the Bureau.

So, send us your QSL cards and some SASE's and you're set up to use the Bureau. However, it won't do any good to send cards for contacts with stations who are not FISTS members as they won't have SASE's on file with us. Also, it is a good idea to confirm with the FISTS member that you will QSL via the Bureau. In that way both will know that there are SASE's at the Bureau.

If you send in a "bunch" of cards it would be appreciated if you sort the U.S cards by call number. It speeds up the initial sort. *But, you don't have to further sort them alphabetically.*

Various members of the Franklin County Amateur Radio Club of Rocky Mount, VA assist me in the work of the QSL Bureau. They do the final sorting and mailing of envelopes.

All costs involved in operating the QSL Bureau come from the **donations** from our members. We mail the DX cards to Chuck in bulk and the cost has averaged 4.5 cents per card. Also we mail the DX cards to Nigel in bulk and the cost has averaged 8.5 cents per card.

So, if you send cards to DX members a donation would be appreciated! Your donation can be cash or checks. If checks, please make them out Stan Reas, to facilitate cashing them.

### **For Canadian and other non-U.S. members**

Since all mail sent out from the Bureau must have U.S. postage stamps, you will have to put U.S. stamps on your SASE's. Since obtaining U.S. stamps may be hard, if not impossible, we suggest that you send SAE's (Self-Addressed-Envelopes) without stamps and some funds to cover the stamps we will obtain for you.

In order to minimize your costs, if you wish, we will accept mailing labels with your address on them in lieu of SAE's and will paste them on envelopes from our stock. Just include some funds with your labels to cover the stamps.

Such funds can be "Green Stamps" or checks or IRC's. If checks, please make them out to Stan Reas, to aid in ease of cashing the checks.

Based on the weight of my QSL card at the Moneta, Virginia Post Office the following rates would apply:

**The costs of mailing to Canada is:**

**One ounce 63 cents, two ounce 90 cents, three ounce \$1.15, four ounce \$1.40.**

**The costs of mailing to Mexico is:**

**one ounce 63 cents, two ounce 90 cents, three ounce \$1.30, four ounce \$1.75.**

**The costs of mailing to Other North & South America Countries is:**

**one ounce 84 cents, two ounce \$1.65, three ounce \$2.40, four ounce \$3.20.**

So, send us your QSL cards and some SAE's and some funds and you're set up to use the Bureau.

Print your callsign here	39 cent minimum stamp
Your Name	
Your Addresss	



The Reason for not accepting Personal Size (3-5/8" x 6-1/2") envelopes: We have been receiving some very interesting QSL cards that members themselves print on post card stock. However, the standard stock is 4-1/4" by 5-1/2". And those 4-1/4" high cards will not quite fit in the # 10 business size envelope. If the cards were cut down by the member to 4" high they will fit in a # 10 envelope. It is nuisance for us here at the Bureau to cut the cards and often the member will have written a note which fully utilizes the 4-1/4" height. So those cards we must fold in order to get them into a # 10 envelope. Some DX cards are also larger and will not fit in small envelopes.

If everyone would cut their "home built" cards to the standard QSL size, 3-1/2" x 5-1/2", that would help a lot because then the cards will even fit into those few personal size envelopes we still have on file.

We do appreciate members sending # 10 business size envelopes for their SASE's. The small personal size envelope which is 3-5/8" x 6-1/2" can not accommodate these larger cards. The Bureau staff are all volunteers and they have become frustrated with trying to patch up the small envelopes to mail the larger cards. They are reluctant to fold the large cards.

They have resorted to: Cutting the front off of the small envelopes and taping it to a # 10 envelope. Taping paper to the flap and taping down the increased flap. Peeling stamps from the small envelopes and using Rubber Cement to paste them to a # 10 envelope and then writing the address on the # 10 by hand

*The bureau will no longer accept envelopes with height dimension less than 4-1/8" which is that of the # 10 business size envelope. That means we will not accept any personal size (3-5/8" x 6-1/2") envelopes.*

We much prefer the Business Size envelope which is 4-1/8" x 9-1/2" but will accept other envelopes which are at least 4-1/8" x 6" - such as the 6" x 9" and the 5" x 7" Kraft envelopes, except Charlie, K4BSF who handles the "8" calls for the Bureau will only accept # 10 Business Size envelopes!

Now if there are any of you who live so far away from a store selling # 10 Business Size envelopes, we will accept mailing labels with your address on them and stamps and money in lieu of SASE's. We will put your labels and your stamps onto # 10 envelopes which we will furnish from our stock.

## Interesting Bureau Statistics:

### Number of Cards Handled

During January 2006	2,945
Year 2006 to Date	2,945
Since November 1997	344,224

### Card Totals for January 2006

	Sent	Received From	Received For	On Hand
<b>DX</b>	<b>42</b>	<b>69</b>	<b>54</b>	<b>22</b>
<b>VK/ZL</b>	<b>20</b>	<b>0</b>	<b>19</b>	<b>5</b>
<b>BV/JA</b>	<b>11</b>	<b>0</b>	<b>9</b>	<b>1</b>

# Rules for FISTS USA Club Call Use

You must have permission to operate with KN0WCW.

To get permission, contact Karl KB1DSB at kb1dsb@sover.net

Check the FISTS web page for available dates.

1. When using the FISTS USA Club Call ( KN0WCW ) you must attach YOUR call area to the call depending on where you are located during your operation. Example: KN0WCW/6 if you are located in CA, or KN0WCW/1 if you are located in VT.

2. A log must be kept of all QSO's with the following minimum log information; UTC Date and Time of QSO, Call of Station Worked, Frequency, His RST, Your RST, Name of Operator Worked, and QTH of Station Worked. A Club Call Log sheet is available on the FISTS web page.

Send your paper Club Call log, within 15 days after your last day of operation, to:

KN0WCW QSL Manager  
c/o Karl Zuege, KB1DSB  
2176 Drake Road  
Bomoseen, VT, 05732

3. All assigned dates of operation are according to UTC (GMT) date and time.

4. All contacts made using the FISTS USA Club Call are not useable for awards for your own call sign.

5. KN0WCW attempts to QSL 100%. QSL cards will be provided to you for the times you use the callsign. If you can't fill out and/or send the cards yourself, please let QSL manager Karl know and he will do it for you.

6. All QSO's must be made on CW mode only. Any amateur band may be used.

7. When you are the control operator of the station using the FISTS USA Club Call, you must stay within the operating privileges of your own license class.

8. The FISTS number for the FISTS USA Club Call is 10,000 and is the number you should give out when using the Club Call Sign, NOT your own FISTS number. The FISTS USA Club Call CC number is 1380.

9. Envelopes are being kept on file with the FISTS Bureau and the ARRL 0 Bureau for incoming QSL cards. Incoming cards are being put into albums by Karl, and the albums will be available to take to major hamfests or FISTS activities.

**If you want a card from a contact you made while using KN0WCW, that is fine, but please ask the person sending the card to send the card directly to you. Cards send to the bureau will be sent to Karl for use in the club collection and are considered to be "property" of KN0WCW.**

## CALLING FREQUENCIES

FISTS members can be found on or near any frequency ending in .x58 (.058, .158, .258, etc) Here are recommended calling frequencies by band. REMEMBER, these are recommended CALLING frequencies and QSO's should be moved to another frequency.

2m 144.058 MHz  
6m 50.058 MHz  
10m\* 28.058 MHz  
12m 24.918 MHz  
15m\* 21.058 MHz  
17m 18.085 MHz  
20m\* 14.058 MHz  
30m 10.118 MHz  
40m\* 7.028 MHz — All IARU Regions  
40m 7.058 MHz — IARU Region 2  
80m\* 3.558 MHz  
160m\* 1.808 MHz

\* Note 1: The calling frequencies for 10m, 15m, 20m, 40m - All IARU regions, 80m, and 160m, are only 2 kHz. below QRP calling frequencies (7.030 MHz is the QRP calling frequency in Europe). Please only QSY \*down\* from these frequencies.

U.S. Novice sub-bands  
10m 28.158 MHz  
15m 21.158 MHz  
40m 7.118 MHz  
80m 3.708 MHz

Note 2: Please use the Novice sub-band calling frequencies as much as possible. It will benefit Novices, and also provide support for retaining the spectrum.

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## WEEKLY NETS

Sunday Century Award Net

1500 EST/2000 UTC

1500 EDT/1900 UTC

14.058

Saturday QSO Groups

2000 UTC

14.058

2300 UTC

7.058

Thursday Slow Traffic Net

2100 EST/0200 UTC

2100 EDT/0100 UTC

3.682

Sunday Slow Speed Chat

1700 UTC

21.158

Tuesday Slow Traffic Net

2100 EST/0200 UTC

2100 EDT/0100 UTC

3.682

NOTE: Daylight Savings Time (DT) runs from 0200 local time the first Sunday in April through 0200 local time the last Sunday in October

## CW Net Listing Project

The ARRL used to list Slow-Speed Nets in their net directory book, but has discontinued compiling this information. To fill this void, FISTS is compiling a list of slow-speed and high-speed (25 WPM+) nets. Philip Kroth, KA2QIK, is heading up this formidable task and needs your help to make this list comprehensive and up-to-date. Please write to Philip with the following information:

- \* Net Name
- \* Coverage Area: i.e. location or area the net typically serves.
- \* Primary Purpose: i.e. ARES, Traffic, Code Practice, Weather, etc.
- \* Affiliated with the National Traffic System: Yes/No
- \* Net Manager's Callsign:
- \* Callsign and contact information of station submitting information:
- \* Is this a Slow-Speed or a High-Speed Net?
- \* Net Frequency:
- \* Time the net meets (specify UTC (winter) AND Local time):
- \* Days of the week the net meets: (See the following for the preferred format and don't forget to specify UTC or local date.)  
Day Abbreviations: M = Monday T = Tuesday W = Wednesday Th = Thursday F = Friday  
S = Saturday Sn = Sunday Dy = Daily When Needed = net meets when needed

### Monthly Period Definitions

- 1 = 1st appearing day of that month
- 2 = 2nd appearing day of that month
- 3 = 3rd appearing day of that month
- 4 = 4th appearing day of that month
- 5 = 5th appearing day of that month
- alt = net meets every other week
- continuous = net is continually activated

### Sample Entries:

- MWF = Net meets every Monday, Wednesday, Friday
- MTWThF = Net meets Monday, Tuesday, Wednesday, Thursday, Friday
- 1,3,5 W = Net meets every 1st, 3rd, and 5th Wednesday of the month

Send info to  
Phil Kroth, KA2QIK/7  
7956 East Feathersong Lane  
Scottsdale, AZ 85255  
or via email [pjkroth@juno.com](mailto:pjkroth@juno.com)

# High Speed CW Nets

Name:	NTS?	Purpose:	Coverage Area:	Freq:	Days:	Local:	UTC:	Manager:	Reporting:	Updated:
All FL CW Traffic Net (QFN) - Early	<input checked="" type="checkbox"/>	Traffic	FL	7.051	Dy	19:00		W8IM	W8IM	04/16/05
All FL CW Traffic Net (QFN) - Late	<input checked="" type="checkbox"/>	Traffic	FL	3.651	Dy	22:00		W8IM	W8IM	04/16/05
Georgia Section Net (GSN) - Early	<input checked="" type="checkbox"/>	Traffic	GA	3.953	Dy	19:00	0:00	AF4NS	K4BAI	04/16/05
Georgia Section Net (GSN) - Late	<input checked="" type="checkbox"/>	Traffic	GA	3.953	Dy	22:00	3:00	AF4NS	K4BAI	04/16/05
Hit 'N Bounce Net (HBN)	<input checked="" type="checkbox"/>	Traffic	Eastern/MidWest US	7.042	Dy	8:30		WD8DIN	W8IM	05/12/05
IN Section CW Net - QIN	<input checked="" type="checkbox"/>	Traffic	IN	3.656	Dy	14:30	9:30	K9PUI	K9ZBM	04/16/05
IN Section CW Net - QIN	<input checked="" type="checkbox"/>	Traffic	IN	3.656	Dy	19:00	0:00	KJ9J	K9ZBM	04/16/05
K9YA Fast Net	<input type="checkbox"/>	Practice/fun	Continental US	7.137	1 W	19:00	1:00	N9BOR	N9BOR	03/06/05
MD DE DC Net (MDD) - Early	<input checked="" type="checkbox"/>	Traffic	MD, DE, DC	3.643	Dy	19:00	0:00	WJ3K	WJ3K	11/13/03
MD DE DC Net (MDD) - Late	<input checked="" type="checkbox"/>	Traffic	MD, DE, DC	3.643	Dy	22:00	3:00	WJ3K	WJ3K	11/13/03
Morse Telegraph Club-SQ - 20 m Net	<input type="checkbox"/>	On air activity	Southern CA	14.055	S	7:30	15:30	KA6G	KA6G	12/20/04
Morse Telegraph Club-SQ - 40 m Net	<input type="checkbox"/>	On air activity	Southern CA	7.084	S	8:30	16:30	KA6G & WA	KA6G	12/20/04
New York State CW - Early	<input checked="" type="checkbox"/>	Traffic	NY	3.677	Dy	19:00	0:00	WB2QIX	KA2QIK	04/16/05
New York State CW - Late	<input checked="" type="checkbox"/>	Traffic	NY	3.677	Dy	22:00	3:00	W2YGW	KA2QIK	04/16/05
New York State CW - Morning	<input checked="" type="checkbox"/>	Traffic	NY	3.670	Dy	10:00	15:00	KA2GJV	N2QZ	09/17/05
Northern California Net	<input checked="" type="checkbox"/>	Traffic	Northern CA & NV	3.630	Dy	19:00		K9JM	K9JM	04/16/05
Orange County Wireless Net (OCWN)	<input type="checkbox"/>	Practice/Social	Orange County CA	7.086	Sn	9:00	17:00	KF6UEB	KF6UEB	03/07/05
QNM	<input checked="" type="checkbox"/>	Traffic & WX	MI	3.663	Dy	22:00	3:00	WB8SIW	WB8SIW	04/16/05
QNM	<input checked="" type="checkbox"/>	Traffic & WX	MI	3.663	Dy	19:30	0:30	WB8SIW	WB8SIW	04/16/05
Texas CW Net (Early)	<input checked="" type="checkbox"/>	Traffic	TX	3.643	Dy	19:00	1:00	AC5XK	NJ0E	04/16/05
Texas CW Net (Late)	<input checked="" type="checkbox"/>	Traffic	TX	3.643	Dy	22:00	3:00	AC5XK	NJ0E	04/16/05
Tin Can Sailors CW Net	<input type="checkbox"/>	Code practice	General coverage	7.117	W	10:00		N3RSD	N3RSD	07/15/05
Virginia Net Early (VNE)	<input checked="" type="checkbox"/>	Traffic	VA	3.680	Dy X T	19:00	0:00	KV4AN	KV4AN	11/03/03
W6MTC CW net - FISTS 10350	<input type="checkbox"/>	Code Practice	Southern CA, AZ & NV	7.084	S	8:30	15:30	KA6G	KS6CW	04/09/04
Wisconsin Intrastate Net (WIN/E)	<input checked="" type="checkbox"/>	Traffic	W1 & Surrounding States	3.662	Dy	19:00	1:00		N9JY	04/16/05
Wisconsin Intrastate Net (WIN/L)	<input checked="" type="checkbox"/>	Traffic	W1 & Surrounding States	3.662	Dy	22:00	4:00		N9JY	04/16/05

Note: NTS is checked if the net is affiliated with the National Traffic System. "Coverage Area" is the geographical area the net primarily serves; however, other stations are always welcome to check in. All frequencies are in MHz. "Days" indicates what local days of the week or month the net meets (i.e. "1,3 W" -- the net meets on the first and third Wednesdays of each month. "MWF" -- the net meets every Monday, Wednesday, and Friday. "Dy" -- the net meets daily. "Dy X T" -- the net meets daily except on Tuesdays.) Times are listed for the winter months (i.e. not daylight savings time.) Send updates, additions and corrections to KA2QIK/7 at pikroth@luno.com or 7956 E. Feathersong Ln., Scottsdale, AZ 85255

# Slow Speed CW Nets

Name:	NTS?	Purpose:	Coverage Area:	Freq:	Days:	Local:	UTC:	Manager:	Reporting:	Updated:
Alabama Training Net	<input checked="" type="checkbox"/>	Traffic & Training	SE United States	3.712	Dy	18:00	0:00	KG4IMI	KG4IMI	06/25/05
British Columbia Emergency Net	<input checked="" type="checkbox"/>	Emergency Traffic	BC, AB, SK, MB, WA, OR, ID, MT	3.652	Dy	19:00	3:00	VE7XLH	VE7DWG	12/16/03
Carolinas Slow Net (CSN)	<input checked="" type="checkbox"/>	Traffic/Code Practice	NC and SC	3.696	Dy	20:00	1:00	W4EAT	W4EAT	10/27/03
Empire Slow Speed (ESS)	<input type="checkbox"/>	Traffic & Training	NE US	3.590	Dy	18:00	23:00	W12G	KA2QIK	12/20/04
Florida Medium Speed Net (FMSN)	<input checked="" type="checkbox"/>	Traffic	FL	3.651	Dy	18:30		AG4RJ	W8IM	04/19/05
Georgia Training Net (GTN)	<input checked="" type="checkbox"/>	Traffic & Training	SE US	3.702	Dy	21:00	2:00	KG4FXG	KG4FXG	06/06/04
Hoodview CW Net	<input type="checkbox"/>	CW Practice	Portland, OR Metro Area	28.130	Dy	19:00	3:00	AB7BI	N7QR	11/05/03
Idaho Montana Net (IMN)	<input type="checkbox"/>	Traffic & Training	ID & MT	3.647	Dy		3:00	N7MPS	VE7DWG	04/16/05
K9YA Slow Net	<input type="checkbox"/>	Practice/fun	Continental US	7.137	2,3,4 W	19:00	1:00	N9BOR	N9BOR	03/06/05
Kansas Slow Speed Net	<input type="checkbox"/>		KS	3.710	MW	19:30		KC0CCR	KC0CCR	04/16/05
Maine Slow Speed Net	<input type="checkbox"/>		ME	3.683	Dy	18:00		W1QU	WA2AFD	02/09/04
Maryland Slow Net	<input checked="" type="checkbox"/>	Traffic & Training	NE USA & SE Canada	3.717	Dy	19:30	0:30	W8CPG	N3ZOC	01/19/04
NARL Slow Speed	<input checked="" type="checkbox"/>	Traffic & Training		28.180		7:30	15:30	AA1GW	WA2AFD	12/20/04
NJ Slow Speed	<input checked="" type="checkbox"/>	Traffic & Training	NJ	3.715	Dy	18:30	23:30	K2PB	WA2AFD	02/12/04
Northern CA Slow Speed Net	<input checked="" type="checkbox"/>	Traffic	EB, NV, SCV, SF, SV	3.705	Dy	21:00	5:00	WB6UZX	VE7DWG	11/11/03
Ohio Slow Net	<input checked="" type="checkbox"/>	Traffic & Training	OH	3.708	Dy	18:10	23:10	WD8Q	WD8Q	04/16/05
Orange County Wireless Net	<input type="checkbox"/>	Practice & Chat	Orange County CA & Nearby Citities	7.114	Sn	9:00	17:00	KF6UEB	KF6UEB	12/31/03
Oregon Section Net	<input checked="" type="checkbox"/>	Traffic & Training	OR	3.587	Dy	10:00	6:00	KC7SRL	VE7DWG	04/16/05
Oregon Section Net	<input checked="" type="checkbox"/>	Traffic & Training	OR	3.587	Dy	6:30	2:30	W7IZ	VE7DWG	04/16/05
PA Traffic & Training Net	<input type="checkbox"/>	Traffic & Training	PA	3.617	Dy	18:30		N3SW	WA2AFD	02/09/04
Sandia Valley ARC Slow Speed Net	<input type="checkbox"/>	Code Practice / Ragche	Southwest US	7.063	W	21:00	4:00	WB7RHT	WB7RHT	12/16/03
Texas Slow Net (TSN)	<input checked="" type="checkbox"/>	Traffic & Training	TX & other	3.719	Dy	20:00	2:00	KD5GM	NJ0E	04/16/05
West Coast Slow Speed (WCN)	<input type="checkbox"/>	Traffic, Training	West Coast	3.702	Dy	19:00		W7WCN	VE7DWG	10/28/03
Wisconsin Novice Net (WNN)	<input checked="" type="checkbox"/>	Traffic	WI & Surrounding States	3.723	Dy	18:00	0:00	KB9ROB	N9JY	04/16/05
Wisconsin Slow Speed Net (WSSN)	<input checked="" type="checkbox"/>	Traffic	WI & Surrounding States	3.645	Dy	18:30	0:30	WA9ZTY	N9JY	04/16/05

Note: NTS is checked if the net is affiliated with the National Traffic System. "Coverage Area" is the geographical area the net primarily serves however, other stations are always welcome to check in. All frequencies are in Mhz. "Days" indicates what local days of the week or month the net meets (i.e. "1,3 W" -- the net meets on the first and third Wednesdays of each month. "MWF" -- the net meets every Monday, Wednesday, and Friday. "Dy" -- the net meets daily. "Dy X T" -- the net meets daily except on Tuesdays.) Times are listed for the winter months (i.e. not daylight savings time.) Send updates, additions and corrections to KA2QIK/7 at [pjkroth@juno.com](mailto:pjkroth@juno.com) or 7956 E. Feathersong Ln., Scottsdale, AZ 85255

# Get Your Feet Wet Weekend

Despite all the controversy about licensing and requirements, there are a lot of new hams who are intrigued with the code after passing their 5WPM.

But, like we all were (or are!), they are intimidated and nervous about getting on the air. They've had bad experiences on Field Day or other contests and QSO's where people won't QRS (slow down), and they are getting frustrated. We don't want that to happen! We want to encourage and nurture these new CW operators. The Novice RoundUp used to be a good forum for this, but the Novice concept is obsolete. Something needs to be implemented that would include all classes of newcomers and give them a friendly place to learn the ropes.

The focus is on sending slowly and clearly and sending the exchange in order. No memory or programable keyers or code readers are allowed - human-powered transmissions only. Certificates will be sent out to the top three scorers in each category free of charge. For a certificate of participation, please send \$1.

The rules: Operate under one of two categories for the entire event, Newcomer or Experienced. You can be licensed a long time but still be a Newcomer to CW or contesting. You're on the honor system: Choose whichever describes your ability.

Suggested calling frequencies: 3.610, 7.110, 14.110, 21.110, and 28.110. If you don't hear anyone, go ahead and call. Get your feet wet and jump in with a CQ FC on a clear frequency. YOU are there listening; chances are someone else is listening and waiting to hear a CQ, too

Call CQ WF (Wet Feet).

The Exchange: Callsign/N (newcomer) or Callsign/E (experienced), RST, Name, QTH, FISTS number or power, last two digits of the year licensed.

Example: WZ8C/E, 599, Nancy, MI, 0379, 88.

Count 2 points for working someone out of your category, 1 point for working someone in your category.

Multipliers are number of stations worked that were licensed 2001-2006.

Stations may be worked once per band for points, but their multiplier only counts once.

No WARC bands.

Contacts must be 2-way human-keyed CW (Iambics are fine - just no computerized or memory keyers).

Logs will be sent to Lee Hallin N7NU 3413 Walton Ln, Eugene OR 97408  
or in ADIF format to [hallinl@lanecc.edu](mailto:hallinl@lanecc.edu)

2006 Contest date to be announced, it will probably be in September to coincide with FISTS anniversary





## FISTS GET YOUR FEET WET WEEKEND

The Exchange: Callsign/N (newcomer) or Callsign/E (experienced), RST, Name, QTH, FISTS number or power, Last two digits of the year licensed.

NAME: \_\_\_\_\_ CALLSIGN: \_\_\_\_\_ FISTS # \_\_\_\_\_

MAILING ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_

STATE/PROVINCE/COUNTRY: \_\_\_\_\_ ZIP: \_\_\_\_\_

E-mail Address (optional) \_\_\_\_\_

Call Area (W0 - W9) or Country you operated from: \_\_\_\_\_

Entry Category:     Newcomer         Experienced

Contacts with stations out of your category \_\_\_\_\_ X2 = \_\_\_\_\_

Contacts with stations in your category \_\_\_\_\_ X1 = \_\_\_\_\_

Total Contacts \_\_\_\_\_ Total Contact Points = \_\_\_\_\_

Multiplier (Number of stations worked that were licensed 2000 – 2005) = \_\_\_\_\_

Final Score (Total Contact Points X Multiplier) = \_\_\_\_\_

Send in your log by 30 days after the event to Lee Hallin N7NU, 3413 Walton Ln, Eugene OR 97408 or in ADIF format to [hallin1@lanecc.edu](mailto:hallin1@lanecc.edu)

Statement: I have observed all FISTS competition rules as well as all regulations for Amateur Radio in my country. My report is correct and true to the best of my knowledge. I agree to be bound by the decisions of the FISTS awards Committee.

Date: \_\_\_\_\_ Signature: \_\_\_\_\_ Call \_\_\_\_\_

Comments:

# FISTS SPRINTS

**OBJECTIVE:** To exchange specified information with as many U.S. or Canadian FISTS members as possible, using Morse Code only, and within the time frame stipulated.

**PARTICIPANTS:** Any properly licensed amateur radio operator, FISTS member or non-member is invited to take part in the contest. At least one of the two stations in each QSO must be a U.S. or Canadian station.

## **DATE AND TIME:**

The Winter SPRINT will run from 1700 UTC to 2100 UTC on Second Saturday in February.  
The Spring SPRINT will run from 1700 UTC to 2100 UTC on Second Saturday in May.  
The Summer SPRINT will run from 1700 UTC to 2100 UTC on Second Saturday in July.  
The Fall SPRINT will run from 1700 UTC to 2100 UTC on Second Saturday in October.  
Please note times are in UTC; daylight savings time is NOT a factor.

**BANDS:** Operation is limited to the following amateur bands: 3.5, 7, 14, 21, and 28 MHz amateur bands. Work stations only once per band.

**ENTRY CLASSES:** There are three entry classes:

*QRO* is over 5 watts output power.

*QRP* which is limited to 5 watts output power or less.

*Club* (regardless of power). Entry class **MUST** be shown on logs to be considered for entry in a particular class, or will be assumed QRO.

An entry must be ONE class only, no combination of classes is allowed

**EXCHANGE:** The following information must be exchanged by both stations to count as a valid contest QSO:

*For FISTS members:* RST, U.S. state/Canadian province/DXCC country, first name, FISTS number.

*For non-FISTS members:* RST, U.S. state/Canadian province/DXCC country, first name, Power output.

**DX COUNTRY STATUS:** U.S. states and Canadian provinces are those states and provinces that are contiguous and found within the North American continent. DX are those entities listed in the current ARRL DXCC publication, other than the above.

## **SCORING:**

*Each QSO with a FISTS member:* 5 points.

*Each QSO with a non-FISTS member:* 2 points.

**MULTIPLIERS:** Each U.S. state or Canadian province counts as one multiplier.

*Count each only once, no matter how many times worked.*

DX countries count as a multiplier each time worked.

*If a DX country is worked several times on different bands, each QSO counts as a multiplier.*

**LOG SUBMISSIONS:** Sending the logs is what counts, and they will be spot checked for accuracy and correct scoring procedures. All log entries must be received 30 days after the Sprint to be considered valid. Logs not sent to the proper address will not be considered for entry.

**All logs MUST contain the following information to be considered for entry;;** Your name and call sign. Club name if entry is for a club. Your FISTS number if a member. Entry class. Your claimed score. List of claimed multipliers. An entry form is available on the web page..

**ELECTRONIC LOGS;** We will accept E-logs in standard Cabrillo format or ascii text files. If you're not sure about your format, please contact Dan before the entry deadline. E-logs are sent to [W8PIG@yahoo.com](mailto:W8PIG@yahoo.com) ONLY.

**PAPER LOGS:** Send log and forms to: Dan Shepherd, N8IE 1900 Pittsfield St. Kettering, Oh 45420

FISTS SPRINT ENTRY FORM

Entry Class QRO \_\_\_\_\_ QRP \_\_\_\_\_ CLUB \_\_\_\_\_

SCORING: \_\_\_\_\_ QSO points X \_\_\_\_\_ multipliers = \_\_\_\_\_ final score

CLUB NAME \_\_\_\_\_

CLUB FISTS Number \_\_\_\_\_

YOUR NAME \_\_\_\_\_ CALL \_\_\_\_\_

YOUR FISTS Number \_\_\_\_\_

ADDRESS \_\_\_\_\_

Email Address (optional) \_\_\_\_\_

+----->>>MULTIPLIER CHECK-OFF LIST<<<-----+											
1	2	3	4	5	6	7	8	9	0	VE	DX
CT	NY	DE	AL	AR	CA	AZ	MI	IL	CO	NB	NF/LB
MA	NJ	MD	FL	LA		ID	OH	IN	IA	NS	NT
ME		PA	GA	MS		MT	WV	WI	KS	PE	YK
NH			KY	NM		NV			MN	QC	BC
RI			NC	OK		OR			MO	ON	
VT			SC	TX		UT			NE	MB	
			TN			WA			ND	SK	
			VA			WY			SD	AB	

Please enclose paper logs ONLY, photos, comments, ideas, etc., with your entry and mail promptly to: Dan Shepherd, N8IE  
 1900 Pittsfield St.  
 Kettering, Oh 45420.

Statement: "I have observed all FISTS Sprint competition rules as well as all regulations for Amateur Radio in my country. My report is correct and true to

Date \_\_\_\_\_ Signature \_\_\_\_\_ Call \_\_\_\_\_

COMMENTS:

*You are cordially invited.....to join FISTS CW CLUB, the non-profit group devoted exclusively to CW operators and Morse code operating.*

***We have three straightforward goals:***

To further the use of Morse code

To engender friendships among members

To encourage newcomers to use Morse code

*We are bringing Hams together using a common bond — A love of Morse code.*

FISTS members actively participate in a wide variety of FISTS activities including rag chewing, contesting, earning awards, QRP, and most importantly, our Code Buddy "Elmering" program.

All activities emphasize courteous operating practices.

Our members are young and old, both OM's and YL's. They live worldwide, hold every license class and enjoy CW at widely varying proficiency levels.

FISTS is not tied to any commercial interests and has no paid employees.

Our chatty newsletter, The Key Note, our QSL Bureau, all awards and activities are funded by entirely by a modest annual dues of \$15.

Requirements for membership are simple: You simply have to like Morse code!

Visit our web site at <http://www.fists.org>

**FISTS CW Club \* Application for Membership \* Please print clearly**

Name \_\_\_\_\_ Callsign \_\_\_\_\_

Mailing address \_\_\_\_\_

Phone number \_\_\_\_\_ or Email \_\_\_\_\_

Do you need our taped Keynote for blind members? \_\_\_\_\_

How did you hear about FISTS? \_\_\_\_\_

Signature \_\_\_\_\_

**Please enclose \$15 annual dues (checks payable to FISTS) and mail with this form to**

**Nancy Kott WZ8C, PO Box 47, Hadley MI 48440-0047  
FISTS CW Club**

# The International Morse Preservation Society and FISTS C.W. CLUB

Dear \_\_\_\_\_,

You have been sponsored for membership of the above club and it is my great pleasure to enclose herewith the membership application form.

There has long been a demand for an organizations such as this not only to fill the void left by the declining numbers of ex-professional operators but to nurture the interests of those who are drawn to the mode but lack the operating skills. It's just these Amateurs who would otherwise be tempted to exchange the key for a microphone if the satisfactions and pleasure of Morse were to be denied them by a lack of opportunity. Such opportunity is rare when one is a beginner and the bands appear to be populated by c.w signals which are well beyond their limited skills.

FISTS is peopled by those whose love of Morse has urged them on to encourage the beginner, to dispel those initial moments of fear and help them reach out for a joy known only to a small minority of Radio Amateurs.

A love of MORSE and a concern for its perpetuation are the only requisites for membership. There is no specific speed requirement and neither is membership of the RSGB or other National body demanded. The aims of the club are:

- a) To further the use of Morse Code on the bands
- b) To encourage the newcomer to the mode
- c) To engender friendships within the membership

You will appreciate that in order to effect these goals, the club must render itself open to the novice operator and have a healthy sprinkling of Veterans to encourage them.

Your subs are due on the anniversary of the month in which you joined. There will be approximately 12 newsletters per year which will depend largely on your own contributions and you are encouraged to offer comments and observations.

We have our own QSL bureau which distributes members cards free as far as is possible and members may also chose to adopt the club QSL card.

In addition, we have a talking newsletter for those who are visually handicapped.

One of the greatest spin-offs of a club of this nature is the firm and lasting friendships which are a direct result of membership and consequent on-air contacts. You are encouraged not only to meet other members on the air but, if the opportunity is there, on a Social basis also. Should you wish to invite your current friends to join the club, you are at liberty to nominate them bearing in mind the criteria mentioned above.

We look forward to receiving your reply.

Geo, G3ZQS and \_\_\_\_\_ FISTS member

# FISTS CW Club Membership Application

If this is a renewal, or if you have had a FISTS  
number before, please check here.....

Call sign: \_\_\_\_\_ Name on the air: \_\_\_\_\_

Full name: \_\_\_\_\_

Mailing address: \_\_\_\_\_

\_\_\_\_\_

Email address: \_\_\_\_\_

(Please print clearly. We do not give out or sell your email address to anyone)

Birthday: \_\_\_\_\_ Phone: \_\_\_\_\_

The newsletter is offered on audio cassette to blind members at no charge. If you require this service please check here:

Favorite bands: \_\_\_\_\_

\_\_\_\_\_

Other club affiliations (ARRL, QCWA, etc) \_\_\_\_\_

\_\_\_\_\_

Other interests: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_ How did you hear about FISTS? \_\_\_\_\_

Signature: \_\_\_\_\_

Please make checks (\$15 per year, includes newsletter) payable to FISTS CW Club and mail to:

Nancy Kott WZ8C  
PO Box 47  
Hadley MI 48440

# FISTS CODE BUDDY APPLICATION

Call Sign \_\_\_\_\_ FISTS Number ( not required) \_\_\_\_\_

Name \_\_\_\_\_

Home Address \_\_\_\_\_ Apt. No. \_\_\_\_\_

City \_\_\_\_\_ State or Prov. \_\_\_\_\_ Zip \_\_\_\_\_

Country \_\_\_\_\_ Postal Code \_\_\_\_\_

Phone Numbers

Daytime \_\_\_\_\_

Evening \_\_\_\_\_

E-mail address \_\_\_\_\_

License Class \_\_\_\_\_

Code Speed - Comfortable at: ( circle all that apply)

0 WPM	1-5 WPM	6-10 WPM	11-13 WPM
14-15 WPM	16-20 WPM	21-22 WPM	
23-25 WPM	26-30 WPM	31-35 WPM	
36-40 WPM	40+ WPM		

**I am looking** ( check all that apply)

for a Buddy to help me improve ( I NEED HELP!)

to help a Buddy that wants to improve ( I\_d like to be an Elmer!)

for a Buddy around the same level for on the air practice.

**Bands Available** ( circle all that apply)

70cm 2M 6M 10M 12M 15M 17M 20M 30M 40M 80M 160M

Other ( Please specify)

**Best Propagation** ( States/Call Areas, etc.)

**Availability** ( Days & Times)

**Interests** ( Helps find a buddy with common interests)

Mail to: W3GR - HEMARC PO Box 746 MS 4015 Baltimore, MD 21203



## **FISTS Code Buddy Program    What is it and why would I want to join?**

Hello FISTS and Non-FISTS!

Let me take a couple of lines to give you my commercial, Hi, in case you are not familiar with the FISTS Code Buddy Program. The program was designed and created in England as an original part of FISTS in 1987. It started matching people on an infrequent basis, and has developed into a very popular and highly organized program thanks to Nancy Kott, WZ8C and later by Ed Breneiser, WA3WSJ and John Cmiel, W9EM, webmaster of the Code Buddy site.

You don't have to be a member of FISTS to participate in our Code Buddy Program, but there are a many reasons to join the club. We have thousands of members worldwide and I'm proud to say, we are the fastest growing CW organization in the world. If you are not a member, check out some of the benefits on our web site at [www.fists.org](http://www.fists.org) . You will find applications for membership to both the FISTS CW Club and our Code Buddy Program on the web site. If you decide to join the club, and I hope you do, you will find it is loaded with friendly, helpful and interesting people.

Now, back to the Code Buddy program. In general terms, the FISTS Code Buddy Program matches an experienced CW operator with someone that wants to improve. They find convenient schedules and work one on one, on the air, to develop good operating skills and improve speed. It has been a very successful program. We have several hundred participants.

The first step in joining is to fill out a Code Buddy Application so we can collect your profile information and put you in our database for an assignment. We'd love to have you join the team either as a student and/or teacher -also known as an Elmer.

Sometimes it takes a little while, but rest assured we are reviewing all of the student and teacher applications every week and will get an assignment for you as soon as possible.

If you can, let us know your best areas of propagation. It gives us some idea of the best place to start when making an assignment. Also, as much personal information that you care to share, hobbies, interests, background, etc., helps us find someone that may be more compatible.

We can also match you up with someone who is around your own speed, who just would like a friendly fist on the other end of the QSO. If you are a nervous beginner with Morse code, Code Buddies are a perfect way to get over those initial jitters. It also will help you to get code practice - looking forward to a sked on the air gives you a lot of incentive.

We look forward to hearing from you and appreciate your interest. Please let us know if you have additional questions. Many of our code buddies become very good friends. I hope this happens for you.

73, John W9EM Webmaster and W3GR - HEMARC Membership  
Code Buddy Coordinators

# A BASIC CW OPERATING MANUAL

Compiled by Dan Stegner KB0OBU from FISTS CW Club member tips

You are ready to make that first contact. Your palms may be sweating and your heart rate may be racing. That's ok. We've all been there. The first time I called CQ I was very nervous. I didn't think it was possible for fingers to have a stuttering problem but there I was, stuttering with my fingers. Gradually I relaxed and calmed down. The CQ's flowed from my fingertips with fluidity before sailing skyward. "Hey, this is really fun," I thought to myself. Suddenly, the inevitable happened; somebody actually answered! The anxiety returned. "Now, what do I do?" Here is some help with establishing that first contact.

## *Answering CQ*

Let's suppose you're tuning across the bands and you hear a station calling CQ. The station seems to be sending at a speed you can copy: CQ CQ CQ DE WA3XYZ K

To answer WA3XYZ you just send the following: WA3XYZ DE (your callsign – lets use mine, KC0OBU, for our examples) AR

That's all there is to it. AR is the letters A and R sent with no spaces in between, a procedural signal that means "end of message" or "over." If the band is noisy or you are running low power, you may want to repeat your call sign twice like so: WA3XYZ DE KC0OBU KC0OBU AR

This is a '1x2'. The other station's call sent once, and yours sent twice. This allows the other station double-check to make sure they got your call right.

If WA3XYZ was able to copy you, that station will then come back with something like:

KC0OBU DE WA3XYZ TNX FER CALL UR RST 559 IN...

If WA3XYZ only copied part of your call sign, you may hear one of the following. The station may or may not add DE WA3XYZ depending on the situation:

- |      |  |
|------|--|
| QRZ? | (Who's calling me?)                                      |
| ? ?  | (Who's there?)   |
| KC?  | (KC something....didn't get the rest of your call sign.) |
| OBU? | (Got the suffix, but I missed the prefix)                |

In this case, just send your call sign again.

## *Calling CQ*

If the band seems to be in good shape, but nobody is calling CQ, you can do the following:

1. Find a frequency that seems to be clear, and listen for a few seconds. Listening is very important.
2. If you don't hear anything, send **QRL?** and listen for a bit more. Make sure you listen slightly up and down from your transmitting frequency as well. **QRL** is a Q signal that means this frequency is in use. When you send **QRL?** you are asking if the frequency is in use. If somebody comes back with C,

**YES**, or **QRL**, then move to another frequency so you don't interfere. No further response is needed.

3. If you did not hear a response, send **QRL?** again and listen again. Some stations may take a bit to respond.
4. Still nothing? You can assume the frequency is clear. Immediately send your CQ while the frequency is still open.

The 3x2 CQ call seems to work well for most situations. Call CQ three times, and then send your call twice:  
CQ CQ CQ DE KC00BU KC00BU K

The final K at the end means you're inviting any station to answer you.

After calling CQ, listen, listen, listen. Listen slightly up and down in case the station trying to answer you is slightly off frequency. You can miss a return call if you are not listening carefully. If you hear nothing, send another 3x2 CQ call again, and listen. Repeat until either somebody answers or you want to try in another spot. Pretty easy, huh?

The 10x2x3 CQ call (CQ sent 10 times followed by your call sign twice, sent three times in a row) is seldom productive. Normally when stations hear this, they will keep moving up or down the band, and you will be scratching your head wondering why nobody is answering your CQ: CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ DE KC00BU KC00BU CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ DE KC00BU KC00BU CQ CQ CQ CQ CQ CQ CQ CQ CQ DE KC00BU KC00BU K

## The QSO

Basically there are three parts to a QSO: The introduction, the middle, and the conclusion. Almost sounds like a term paper. Let's take a look at each of these parts.

### The Introduction

Once a CQ is answered, the stations first exchange three important pieces of information: RST (a signal report), QTH (location), and Name. So let's suppose I am calling CQ and WA3XYZ answers me. I would then send something like this:

WA3XYZ DE KC00BU GM (GA, GE, GN) TNX CALL UR 559 (579,549, etc) 559 IN TRENARY, MI  
TRENARY, MI NAME DAN DAN HW? AR WA3XYZ DE KC00BU KN

First I send the other station's call, then DE (which means from) and then my call sign. Then I say good morning (GM), afternoon (GA), evening (GE), or night (GN), whichever is appropriate. Next I say thanks for the call (TNX CALL) and give the RST signal report (UR 559). I then send my QTH or location followed by my name. You can send 'QTH' instead of 'IN'. But don't send 'MY QTH IS' because that would be redundant....sort of like saying 'MY MY LOCATION IS IS'.

'HW?' is short for 'How are you copying me?'. Then I send AR (Over or End of Transmission), WA3XYZ DE KC00BU (so other stations listening will know who we are) and KN which says go ahead to a specific station, which in this example is WA3XYZ.

The other station will then reply back with its information by sending something like the following: KC00BU DE WA3XYZ R GM DAN NICE TO MEET U UR RST 579 579 QTH PITTSBURGH, PA PITTSBURGH, PA NAME PHIL PHIL HW? AR KC00BU DE WA3XYZ KN

The R sent after the initial call signs means that the other station copied EVERYTHING that you sent. Don't

send R and then ask the other station to repeat part of the information that was sent. It's bad form.

If you need the other station to repeat something send 'PSE RPT NAME', or 'RST', or 'QTH', etc. You can also send something like 'NAME?' or 'RST?' in your next transmission, and the other station should understand.

### *The Middle*

Now, you chat back and forth about whatever you want: the weather, sports, your rigs, antennas, etc., using a format like the following: WA3XYZ DE KC0OBU R blah, blah, blah, AR WA3XYZ DE KC0OBU KN

Then the other station has a turn: KC0OBU DE WA3XYZ R blah, blah, blah, AR KC0OBU DE WA3XYZ KN

Technically, you don't have to send both call signs with each transmission. Some stations just send BK (back to you) and the end of a transmission and then legally identify the station every 10 minutes. Other stations will send both calls with each transmission so those listening will know who they are.

### *The Conclusion*

To end the QSO just send something like: WA3XYZ DE KC0OBU R blah, blah, blah, OK PHIL TNX NICE QSO HPE CUL 73 GM SK WA3XYZ DE KC0OBU K

I thank Phil for a nice QSO, say hope to see you later (HPE CUL), send best wishes (73), and good morning (GM). The SK procedure signal means that's all I have. Similar to AR except it is only used in the final transmission from your station. Phil will then send his final transmission: KC0OBU DE WA3XYZ R FB DAN TNX QSO 73 SK KC0OBU DE WA3XYZ CL

The CL means that Phil is going to be closing his station and won't be answering any more calls. Phil could also end his call with a "dit dit". I would respond with a single dit.

Ending a QSO with the dit dit – dit, or the "shave and a haircut...two bits" is a friendly way of acknowledging that the QSO has ended and you enjoyed the chat. It started back before anyone can remember with one Ham sending 'shave and a haircut' – dahdididahdit - and the other station completing it with 'two bits' – dit dit. It has shortened over the decades to stations sending 'dit dit' and 'dit'.

Please don't fall into the habit of pluralizing. There is no need to send "73s". 73 by itself means "best wishes"; it is not proper to send 73s or 'best wisheses'

Another tip to remember is that most Procedural Signs (like QTH) already mean phrases, and are intended to reduce the amount of sending you need to do to make your point. You don't need to use extra words when using prosigns like QTH. QTH PA is sufficient, not MY QTH IS....

## ***A Cheat Sheet***

You might find it helpful to use a cheat sheet that you can refer to when your mind suddenly goes blank. So here it is. Just fill in the blanks and replace WA3XYZ with the other station's call sign.

### **Is this frequency in use?**

QRL? (then LISTEN)

### **Calling CQ**

CQ CQ CQ DE \_\_\_\_\_ K

### **Answering another station's CQ**

WA3XYZ DE \_\_\_\_\_ AR

### **When another station answer's your CQ**

WA3XYZ DE \_\_\_\_\_ GM (GA, GE, GN) TNX CALL UR 559 (or 579, 549, etc) 559 IN  
\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ NAME \_\_\_\_\_ HW? AR WA3XYZ DE \_\_\_\_\_  
KN

### **To end the QSO**

WA3XYZ DE \_\_\_\_\_ R blah, blah, blah, OK TNX NICE QSO HPE CUL VY 73 GM SK WA3XYZ DE  
\_\_\_\_\_ K

### **If the other station initiates ending the QSO**

WA3XYZ DE \_\_\_\_\_ R OK TNX NICE QSO HPE CUL VY 73 SK WA3XYZ DE \_\_\_\_\_

## ***A Final Word about Speed***

Accuracy transcends speed. Most operators would rather copy slower accurate code with proper spacing than code sent fast with uneven spacing and lots of mistakes. Speed will come with practice.

Rule of thumb for spacing: The space between letters should be about as long as a dash – which is equal to 3 dits. The space between words should be about as long as two dashes (technically, 7 dits, but it's easier to estimate 'two dashes' since you DON'T want to start counting). Keep in mind that the person on the other end has to decipher your sending, so make it as clear for them as you can. Spacing is just as important as the letters themselves. Without spacing, it's all gibberish! Space between your letters, and pause ever so slightly between words.

It is asking for trouble to call CQ with a speed faster than you can comfortably copy, because that will probably be the speed somebody will use when answering you. Don't get frustrated if the other station doesn't slow down for you, even after you have sent PSE QRS (please send slower). The other station may be pressed for time, in the heat battle during a contest, or has been operating at a fast speed for so long that they have difficulty copying or sending slower. You also need to be courteous. Do not assume that everyone who does not slow down is being a jerk. If you cannot copy the other station, just say SRI TOO FAST, send them a 73 and move on. You are sure to find somebody that you can work.

**FISTS CW CLUB DUPE SHEET**

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Created by Tom, WB5KHC







# FISTS CW Club Checksheet for WAS Award.

STATE	CALL	NAME	BAND	FISTS#	DATE
ALABAMA					
ALASKA					
ARIZONA					
ARKANSAS					
CALIFORNIA					
COLORADO					
CONNECTICUT					
DELAWARE					
FLORIDA					
GEORGIA					
HAWAII					
IDAHO					
ILLINOIS					
INDIANA					
IOWA					
KANSAS					
KENTUCKY					
LOUISIANA					
MAINE					
MARYLAND (D.C.)					
MASSACHUSETTS					
MICHIGAN					
MINNESOTA					
MISSISSIPPI					
MISSOURI					
MONTANA					
NEBRASKA					
NEVADA					
NEW HAMPSHIRE					
NEW JERSEY					

STATE	CALL	NAME	BAND	FISTS#	DATE
NEW MEXICO					
NEW YORK					
NORTH CAROLINA					
NORTH DAKOTA					
OHIO					
OKLAHOMA					
OREGON					
PENNSYLVANIA					
RHODE ISLAND					
SOUTH CAROLINA					
SOUTH DAKOTA					
TENNESSEE					
TEXAS					
UTAH					
VERMONT					
VIRGINIA					
WASHINGTON					
WEST VIRGINIA					
WISCONSIN					
WYOMING					

Date Submitted \_\_\_\_\_ Your Fists # \_\_\_\_\_  
Name/Call \_\_\_\_\_  
Your E-Mail Address \_\_\_\_\_  
Comments \_\_\_\_\_

Mail Certificate To: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Was ALL Contacts? QRO \_\_\_\_\_ or QRP \_\_\_\_\_  
QRP = 5W or less, QRO = over 5W

I hereby apply for the FISTS WAS Address Award. By signing below, I certify that these are legitimate 2-way CW QSO's with FISTS members made in accordance to the rules and regulations of the FISTS WAS award.

Signature \_\_\_\_\_





# FISTS MEMBERSHIP SUPPLIES

**T-shirts:** \$6, including postage.

Black: (small \_\_\_) (medium\_\_\_) (large\_\_\_) (XL\_\_\_) (2XL\_\_\_) (3XL\_\_\_)

Blue: (small \_\_\_) (medium\_\_\_) (large\_\_\_) (XL\_\_\_) (2XL\_\_\_) (3XL\_\_\_)

**Sweatshirts:** (\$11, including postage)

Gray: (small \_\_\_) (medium\_\_\_) (large\_\_\_) (XL\_\_\_) (2XL\_\_\_) (3XL\_\_\_)

**Polo Shirts**, no pocket, FISTS key logo tastefully embroidered:  
(\$15 incl. postage)

Light Blue: (small \_\_\_) (medium\_\_\_) (large\_\_\_) (XL\_\_\_) (2XL\_\_\_) (3XL\_\_\_)

**Stickers:**

Gold octagon logo: \$3.50 for 200

I 'heart' CW: \$3.50 for 200

**Pins:**

Blue pentagon logo, tie-tack pin back: \$1.50

White, I 'heart' CW, tie-tack pin back: \$1.50

**Patch**, FISTS telegraph key logo, may be ironed or sewn on:  
\$1.00

T-shirts \_\_\_\_\_ x \$6 = \_\_\_\_\_  
Sweats \_\_\_\_\_ x \$11 = \_\_\_\_\_  
Polos \_\_\_\_\_ x \$15 = \_\_\_\_\_  
Stickers \_\_\_\_\_ x \$3.50 = \_\_\_\_\_  
Pins \_\_\_\_\_ x \$1.50 = \_\_\_\_\_  
Patches \_\_\_\_\_ x \$1.00 = \_\_\_\_\_

Send to:

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Total = \_\_\_\_\_

Checks payable to FISTS. Paypal to [fists@tir.com](mailto:fists@tir.com). If ordering by Paypal, put items desired in the Paypal comment box.

To order by mail, send to Irene Kott, 44609 Bunker Hill Dr, Clinton Twp, MI 48038

**FISTS CW CLUB**  
Worldwide FISTS Lists

Corrections?  
n7cfa@msn.com

Revised  
07 February, 2006

North America,  
Caribbean areas, Central  
and South America,  
Mexico, Hawaii

UK, Europe, Asia, East  
Asia, Guam, ZL, VK list  
follows the NA, etc,  
listing.

**NOTE: Members in  
some countries could have  
multiple callsigns, all with  
the same FISTS number.  
Awards rules state that  
you can use a number  
only ONCE for an award,  
no matter how many calls  
you work with that  
number.**

SWL's and other  
miscellaneous listings are  
at the end.  
Lists are alphabetical by  
suffix.

VE4	AAG	TONY	9598	W8	AJC	JERRY	8066	WH6	ASW	RAY	11396
KA3	AAS	TOM	11317	W7	AJK	DURAN	8785	K2	ATB	AKIN	4975
W9	AAW	BRUCE	4746	WA3	AJQ	DARRELL	10379	W9	ATB	ALAN	4716
WA2	AAW	FRANK	10460	WB8	AJR	BILL	10085	VE3	ATC	LEO	10735
KG4	ABA	LYNN	11618	W8	AJS	ART	8244	KD5	ATE	DAN	7026
N2	ABC	FRANK	11262	K2	AK	SAM	9102	W8	ATH	BOB	5023
KB3	ABE	MARK	6806	K6	AK	JIM	10029	K1	ATL	ROBERT	11724
WA8	ABE	WILLIAM	8814	KA3	AKC	LEW	7235	N4	ATN	ROBERT	12034
WA4	ABM	RICH	12052	KA6	AKH	DON	10110	K7	ATU	HOWIE	11431
N8	ABR	FRED	1470	KC4	AKQ	OSCAR	2015	K2	AU	MARK	8841
VE3	ABT	DESMOND	6994	W9	AKS	BOB	11335	K3	AU	South Shore ARC	11175
K2	ABX	PAUL	5256	K2	AKW	JERE	7912	WB9	AUJ	JOHN	3300
AH8	AC	JOHN	1259	K5	AKW	DALE	8411	KB4	AUK	GARY	2779
KD8	AC	HAL	10230	W0	AL	AL	5891	PY4	AUN	DELSON	6406
KT4	AC	JOHN	11387	KC0	ALB	ZACH	4094	KD8	AUQ	PATRICK	12062
WA6	ACC	DENNIS	10598	KC9	ALE	DON	9952	K4	AUR	MIKE	11614
N4	ACF	RALPH	8061	W1	ALK	PETE	9222	N2	AUR	GEORGE	1009
VE6	ACF	ART	7333	VE7	ALQ	Ya'akov	11117	WA5	AUR	HOWARD	11123
VE5	ACJ	VAL	11474	K7	ALR	DAVE	9721	KE5	AUW	GINA	12001
K7	ACK	FRANCES	3097	VE1	ALZ	JIM	6905	AB8	AV	JOSEPH	3800
W7	ACL	RUSS	5659	N1	AM	JOHN	7303	AD7	AV	DOUGLAS	10170
W5	ACM	ANDY	10721	N2	AME	LOU	5820	KE7	AV	DOUGLAS	6723
W8	ACM	ART	10526	N3	AMG	FRED	8749	N7	AV	DALE	3200
WB1	ACM	WAYNE	10520	W2	AMI	BOB	10480	KA3	AVB	BOB	5018
K7	ACP	BOB	6563	WA4	AML	AL	11457	N6	AVC	GLEN	7595
K5	AD	JOE	11007	KD8	AMR	DAVE	11229	W2	AVC	DICK	11938
KT4	AD	JOHN	4463	WH6	AMU	RYAN	9157	WB7	AVF	ROB	11881
W6	ADB	BERNIE	3037	W4	AMW	CAP	8793	K5	AVJ	LYNN	11660
N2	ADE	JOHN	11783	KA8	AMX	TRISH	1453	KD7	AVK	LAFAYETTE	4324
KA0	ADF	RAYMOND	11438	W1	AMZ	TONY	7207	VA3	AVP	DAVID	9913
K16	ADM	Minuteman ARC	11789	AA1	AN	JOHN	10487	N4	AVQ	TIM	11996
N2	ADP	JOE	3118	AB2	AN	JOHN	6944	K9	AW	GARY	10527
A14	AE	JERRY	10649	AD7	AN	TIM	4130	KK6	AW	KELSEY	8196
KB5	AE	GEORGE	11363	K8	AN	RALPH	1484	KN8	AW	DAVE	6834
N5	AE	RICHARD	8543	W9	AN	AL	9782	W1	AW	ARRL HQ	10200
W6	AEA	GEORGE	5122	KH6	ANA	ANACLETO	10041			Operators Club	
KE4	AEB	JO	7399	VE6	ANA	GEORGE	6387	WW1	AW	JOJO	5634
W1	AEC	S.E. MASS ARC	10555	W7	ANF	JIM	7323	W1	AWB	ANDY	9260
W3	AEG	MILT	12011	KB8	ANY	PAUL	5166	N2	AWE	DAVID	11630
W1	AEL	ALLAN	7271	K7	AO	KEN	4305	K4	AWI	JERRY	8213
AC4	AF	CHARLIE	9490	N3	AO	CARTER	2367	KP4	AWI	ERNIE	3302
AD6	AF	RAY	11864	KE4	APC	JEFF	11647	K7	AWJ	JOE	11351
AD7	AF	DICK	10509	N7	APP	BOB	8621	KD4	AWN	DAWN	11188
KB1	AF	WENDY	9292	N2	APQ	ROBERT	8753	VE2	AWR	SERGE	10370
KE1	AF	ABEL	2954	KB3	APR	ANDREW	8417	W1	AWW	Walled Lake ARC	8450
K18	AF	GREG	4322	K4	AQ	MATT	8652	AB3	AX	GORDON	12008
N5	AF	SAM	2171	W1	AQ	Assoc. Radio Amts.	7950	K4	AXB	CHARLES	6766
KE4	AFB	JIM	11452			of New England		VE3	AXD	HOWARD	8827
W8	AFI	ED	2991	W8	AQ	JACK	10716	W9	AXD	Rockford FISTS	7250
KC2	AFK	DAVE	3922	KC9	AQD	PHIL	10743	WD4	AXJ	MARTY	2668
AD6	AG	MIKE	3242	KE5	AQD	ROGER	11507	N9	AXX	KEN	7876
K8	AG	JOHN	10274	K8	AQM	TED	11627	WA6	AYJ	BOB	11563
W8	AG	CALTALPA ARS	4300	WA9	AQN	JOHN	5827	K14	AYK	PAUL	10971
WB3	AGB	JOE	7261	K0	AQO	JACK	10305	W4	AYK	GENE	9256
W0	AGG	BILL	6241	N3	AQQ	CHARLES	4745	W0	AYO	DICK	9305
W2	AGN	JOHN	2781	W1	AQS	MIKE	7248	KC9	AYS	DOUG	9156
WB8	AGV	ROB	10205	KW6	AR	PERCY	8059	KG4	AJU	JEWEL	6197
AB0	AH	LARRY	11932	WC4	AR	Wilson AR Club	10625	N8	AJY	GARY	7382
K4	AH	STEVE	11287	WA6	ARA	MICHAEL	11666	W2	AJY	DAVID	10798
WB8	AHJ	STEVE	11928	W9	ARE	CRAIG	8829	AB7	AZ	PAT	11531
K4	AHK	BILL	6672	N9	ARK	JESSE	7232	KE1	AZ	JIM	5418
KB8	AHK	LARRY	7867	KC9	ARN	ELLEN	8668	W9	AZ	Kankakee Area	11495
AC7	AI	GEORGE	8107	KG4	ARN	ED	6506			ARA	
AE4	AI	DAN	2444	K1	ARO	DICK	1580	KA9	AZD	JOHN	11758
W7	AI	RONALD	9538	N2	ARQ	RON	9287	VE2	AZJ	MIMI	10371
W0	AIC	JERRY	7057	WA2	ART	PHIL	11096	W9	AZM	BOB	10667
KC2	AIO	BOB	4071	WB2	ART	KEN	3456	KD8	AZQ	ROBERT	11688
WB3	AIQ	JUDITH	7523	VE2	ARZ	AL	6734	K16	AZS	LEE	12046
N3	AJU	NICK	10337	AC4	AS	JAMES	3321	AL7	B	DICK	11997
WB2	AIV	BILL	7429	K3	AS	BILL	2164	KD9	B	DENNIS	8437
AJ4	AJ	PERRY	9999	W5	AS	QCWA #63, Club	11263	KG2	B	RAYMOND	12015
K3	AJ	TOM	9937	W4	ASC	ADRIAN	10246	KK8	B	DENNIS	3555
K7	AJ	TERRY	8831	K14	ASQ	KENT	11013	KK9	B	JOHN	9303
K18	AJ	AR4NOLD	11810	W5	ASW	JIM	9949	KR1	B	BOB	3442

AG8	A	RANDALL	11165
KB7	A	DAVID	8617
KD8	A	BOB	5992
KE0	A	ROD	4969
KG7	A	RONNY	5292
KQ0	A	MARK	4768
KR3	A	DON	7091
KT3	A	CAMERON	4255
KU6	A	CRIS	11467
NA9	A	JOE	1566
NC0	A	CHUCK	3365
NE9	A	SPENCE	10748
NF9	A	BILL	10629
NG3	A	DON	4610
NM2	A	MARK	6784
NN6	A	TIM	5148
NR5	A	JERRY	10249
NY9	A	ALAN	11902
WF6	A	BILL	2421
WI4	A	JIM	8094
AE7	AA	HAL	11570
K0	AAA	Zed's DXers	9900
K3	AAA	J.C.	4664
N4	AAD	LEE	8744
KF4	AAF	CHRIS	5480
KB3	AAG	FRANK	10915

KS5 B	ED	3283	WB2 BJW	BOB	11910	VA2 BW	(ve3edr) BRICE	2031	KI4 CBN	DAN	11247
KW8 B	DICK	11854	K2 BK	PAUL	11831	KB4 BWM	KENNETH	9967	KD7 CBP	CATHY	6394
KX8 B	CHUCK	2987	W6 BK	DAVID	4789	W4 BWP	BRUCE	9939	W9 CBT	DICK	3417
NC2 B	MARTY	1028	K4 BKD	PETER	6551	W2 BWQ	GENE	4357	VE7 CBU	JOHN	3890
NC8 B	PETE	11441	WA3 BKD	ART	11174	VA3 BWT	BRIAN	1285	KE6 CC	JOHN	8549
NM3 B	WAYNE	11345	N7 BKK	NINA	8821	W7 BWT	BRUCE	4693	KM1 CC	Cape Cod Visitors	9575
NN0 B	STEVE	10654	VE6 BKW	JIM	5129	K6 BWZ	BILL	11543	W4 CC	JOHN	7498
NY2 B	RONALD	10931	KK7 BL	JERRY	5068	AI4 BX	ROGER	8872	W9 CC	LARRY	1714
WA2 B	BARRY	7045	W8 BL	BRIAN	1221	K4 BX	BILL	4488	K8 CCE	DUANE	11168
WB0 B	LARRY	2916	W1 BLB	BONNIE	7021	K6 BX	JOHN	6741	N2 CCF	HERMAN	7297
WF6 B	DON	11528	W4 BLB	BOB	11611	W4 BX	FRANK	4049	WB1 CCG	DONNA	2310
WN1 B	SCOTT	10997	W5 BLV	GLOVER	11248	WA9 BXB	RICH	11198	WA6 CCM	HAL	7401
K6 BA	Gopher Canyon DX Association	11555	K6 BM	STEVEN	2973	KB0 BXE	DAVE	10481	KC0 CCR	RANDALL	6588
KB6 BA	OLIVER	10958	W9 BM	JIM	5818	KB2 BKK	STEVE	7811	W4 CCV	NORM	12081
W8 BAA	Chippewa ARC	10400	W9 BMC	THOMAS	6813	K4 BKN	CRIT	9992	K4 CCW	LAURI	10154
W6 BAD	DON	4979	W7 BMI	BOB	3144	WA8 BKN	MIKE	10753	W7 CCW	JOHN	1408
K4 BAI	JOHN	2158	AA2 BN	JOHN	8557	W0 BXS	DON	3607	KC2 CCX	STEVEN	6602
N2 BAL	JIM	11453	AB3 BN	GENE	10666	KI4 BXU	ERIK	11497	VE7 CCY	SCOTT	9252
WA4 BAM	JOHN	10022	K2 BNL	Brookhaven Nat'l Laboratory	10700	WA4 BXW	FRED	11502	W2 CD	FRANK	9245
N5 BAX	BAXTER	5443	N4 BNO	ROD	4766	KD8 BXZ	NATHAN	11949	WL7 CDC	DOUG	2437
KH6 BB	Battleship Missouri ARC	11222	W4 BNO	ROBERT	11662	KP4 BY	Puerto Rico CW and Contest Club	10675	KB3 CDF	JOHN	7647
N3 BB	JIM	5435	N3 BNT	DENNIS	11206	KC2 BYA	ED	6940	W0 CDN	CHRIS	11413
NJ2 BB	BATTLESHIP NEW JERSEY	9262	N7 BNT	DOUG	10723	W9 BYH	BILL	3394	VE3 CE	WAYNE (ve3efj)	6549
KC9 BBA	DICK	11365	WD6 BNT	IVAN	11573	WD6 BYH	BOB	3170	W3 CEB	WOODY	7569
N4 BBB	SCOTT	11803	KB8 BO	JOE	10091	K4 BYR	BILL	9380	W4 CEB	DICK	11327
W3 BBO	BOB	6281	WA6 BOB	JOHN	7880	W5 BYU	BAYOU CLUB	5999	WB1 CEI	ED	10601
KC5 BBP	RICK	8545	W5 BOK	WILL	11084	N3 BYY	SCOTT	5030	K0 CEU	BILL	4663
K8 BBQ	LARRY	4954	W9 BOK	WILLIAM	4913	AB9 BZ	DAVE	8401	AB7 CF	ROB	11482
WB6 BBX	TIM	4682	N9 BOR	MIKE	4594	VE3 BZ	HARRY	11404	N7 CFA	ED	1402
K0 BC	GARY	7477	KB2 BOY	STANLEY	1598	KD5 BZF	Pumpkin Patch Contesters	10375	KB1 CFB	RON	4909
W0 BCA	ROD	11092	AA0 BP	JOHN	9285	KH6 BZF	LEE	11369	KC5 CFB	DAVID	7892
W7 BCC	RON	7052	AC9 BP	Indiana Brass Pounders	10050	K5 BZH	JIM	11526	WB0 CFF	CARL	3465
K2 BCL	GAIL	2438	K3 BP	BEN	4232	N0 BZM	RAY	5149	VE7 CFG	JOHN	9515
KAI BCR	NORM	9984	W4 BPH	Bay Pines Vet Hospital Club	8075	AC3 C	WILBUR	11341	W5 CFN	RON	8078
AF4 BD	MARVIN	4696	W4 BPR	Battleship Park Radio Club, Inc	11950	KE5 C	JOHN	7295	WA1 CFX	HOWARD	4655
KC5 BDA	ANN	5213	AA1 BQ	TOM	10554	KJ6 C	CARL	11367	W1 CFZ	RUSS	0294
K1 BDX	KENJI (listed by JA callsigns also)	8962	AC0 BQ	JOHNNY	10594	KR5 C	GEORGE	1730	AA7 CG	MARK	9211
K2 BE	CARL	2581	W1 BQ	ALAN	7493	KX9 C	LEO	6622	K9 CG	CHRIS	6290
KK4 BE	RAY	5343	W8 BQ	DOC	11270	N10 C	CHUCK	10102	KD8 CGH	BOB	12014
W9 BEA	WALTER	10934	WA2 BQI	BUD	2009	NJ3 C	ISAAC	11615	VE3 CGJ	Haida (Ship)	7230
KA5 BEE	MEL	11769	KE5 BQK	LINDA	12048	NN0 C	PAUL	8294	WB6 CGJ	DENNIS	7343
W6 BEG	ROBERT	9146	KC8 BQN	JAKE	2663	NN7 C	JEFF	7959	W4 CGK	SYD	7237
K4 BEH	PAT	12109	W4 BQP	JIM	9298	NO8 C	MIKE	9356	N1 CGP	DAVE	9548
W9 BEL	BILL	11159	KG4 BQQ	KYLE	6832	NR3 C	MIKE	8480	W3 CGR	JOE	11897
VE3 BEX	HARRY	5222	KM4 BR	RON	1593	NU5 C	BILL	2598	W0 CGV	JOHN	9366
K9 BFL	ANNE	11255	N4 BRA	GENE	7643	NZ7 C	TIM	7879	VE6 CGX	TONY	3919
W1 BFN	MIKE	5002	VA3 BRC	Brockville ARC	10100	WC3 C	CHUCK	3360	K1 CGZ	PAUL	7204
N1 BFO	BRUCE	8717	WB8 BRC	GEORGE	8105	W12 C	JOHN	11291	AA5 CH	BRAD	8133
K0 BFT	JIM	7918	W9 BRD	ROD (VA3ZBB)	1782	WT3 C	TOM	8062	KM4 CH	JOHN	5043
KD5 BFT	VANCE	9966	W9 BRE	BRIAN	11223	WY8 C	REUBEN	10082	N2 CHI	DAVID	11443
WA6 BFT	GRADY	6212	KJ7 BS	MARK	2972	WZ8 C	NANCY	0379	WA5 CHJ	JACK	11233
K2 BFY	HENRY	12073	WB0 BS	BOB	5898	KJ6 CA	BOB	5161	K4 CHS	WAYLAND	11213
AA5 BG	RICHARD	9136	KC8 BSC	AL	2069	KN6 CA	DON	5060	VE1 CHS	PETER	10545
K2 BG	JOW	7655	K8 BSG	CARL	10271	N5 CA	ALLAN	11983	K4 CHT	JOHN	11560
N0 BGT	DOUG	7552	KC9 BSP	KEN	10921	VA7 CAB	CHRIS	11046	K8 CI	DICK	5270
KC5 BHF	JIM	8208	WA2 BSW	RON	11860	W4 CAC	CARL	5093	KJ5 CI	BILL	11308
K8 BHG	LEE	10023	AB8 BT	ANDY	6136	WB8 CAC	BOB	6970	W0 CI	JERRY	9543
K6 BHH	JOHN	5609	AC4 BT	JERRY	7893	WB9 CAC	BILL	11256	KI4 CIA	MELINDA	11956
W8 BHK	BUD	10566	KU4 BT	JOHN	6215	W8 CAG	ROBERT	7955	N9 CIB	RAY	1922
K4 BHL	DALE	10621	N1 BT	DAVE	2522	WB7 CAG	GARY	11904	WB2 CIC	CHARLIE	12104
VE3 BHW	JACK	10417	KE7 BTB	DELLA	11323	N1 CAJ	FRANK	10759	K7 CIE	MIKE	11416
AF4 BI	GARY	6289	K8 BTD	GIL	11517	WS9 CAN	Southern Counties Amateur Network	9550	WB9 CIS	JOHN	0531
W7 BIA	ARNIE	8755	KC2 BTL	CLYDE	5356	AD6 CB	LEN	10619	WA4 CIT	RANDY	8280
KB7 BIC	BRENDA	4178	N3 BTM	JOHN	1574	A14 CB	RON	9929	KK7 CJ	RUTH	9583
WA8 BIJ	VINCE	0905	KV4 BU	ART	7405	K6 CB	CHRIS	3471	W4 CJD	BOB	6746
N9 BIL	TIM	11378	KF3 BV	BEV	10454	KD9 CB	PHIL	10671	VE3 CJE	NORMAN	8043
KA7 BIY	AL	11266	W2 BVK	ED	2495	VE1 CB	RENE	11269	WA6 CJK	REM	8889
W2 BJ	BARRY	2701	KB9 BVN	BRIAN	5695	KA3 CBC	ERNEST	3230	K9 CJM	TOM	10935
W9 BJH	BRIAN	7551	KD7 BVO	LYNETTE	8521	K3 CBE	JOHN	11723	N3 CJM	ROBIN	11540
KE3 BJM	BUTCH	11994	AB1 BW	GEORGE	10794	KI4 CBF	CHRIS	10306	KB1 CJO	DAN	7380
						N9 CBM	JOHN	7032	K3 CJQ	TED	2177
									KD7 CJV	PHILIP	9733
									KC2 CK	DON	9132

N3 CK CHARLIE	11364	W1 CTT STEVE	11534	NN0 D AL	6724	K9 DIY MILL	2798
KC2 CKI CAL	5715	KB1 CTY LARRY	4002	NU7 D RANDY	1796	NP2 DJ DEBBIE	1489
KD5 CKP TIM	5201	WA0 CTZ DAVID	11264	WB2 D PETER	2071	N0 DJD SID	2435
K3 CKT JIM	9286	KC3 CU HANK	11568	WF1 D GERALD	8848	W2 DJH STANLEY	11554
WL6 CKT GARY	2484	KJ5 CU JOHN	9417	WW6 D DOUG	7937	KB4 DJN ELWOOD	8552
WB7 CKX PATRICK	2050	ZP6 CU DANI	6288	WY3 D FRANK	11716	WB7 DJR CARL	2004
KB4 CL BOB	10355	W2 CUA GEORGE	9269	AI4 DA JOHN	9592	AB5 DK TOM	11539
W3 CL CARL	3477	K4 CUB JACK	11397	KG8 DA GEORGE	1473	K3 DK DIETER	7302
W6 CL CAROL	11621	VE5 CUL BRIAN	12029	WA2 DAC LYNN	4621	W7 DK Radio Club of Tacoma	10500
KG6 CLJ JAMES	8899	KG4 CUY TOM	6706	W5 DAG DENNIS	11710	N2 DKB PAT	9787
KA4 CLM ARNOLD	4470	AA4 CV DICK	11059	K4 DAJ TOM	4612	KD6 DKC RICK	6996
N5 CLM GREG	10655	KF3 CV STEVE	9759	W5 DAR DEMING ARC	7500	WA2 DKG JERRY	5728
KF4 CLO FRANK	5287	KK4 CV CHUCK	2558	WH0 DAT Who Dat Radio Gang of Saipan	11300	K5 DKH WILLIE	2720
W0 CLS JIM	4466	W3 CV SCOTT	1502	WA4 DAX TOM	11705	W6 DKO DON	11504
WP4 CLS MILLIE	2541	N7 CVB CARL	4279	N2 DAY RAY	11576	KB5 DKW RON	4630
KH7 CM BOBBY	7903	K8 CVC BOB	3324	KG4 DAZ CHUCK	12079	NE5 DL DAVE	10285
N7 CM CLAIRE	5941	N4 CVF KURT	5221	W1 DBD ED	5240	W8 DL DON	7307
WK6 CM BILL	7441	KB3 CVO TOM	8110	K0 DBK BRAD	11406	WB9 DLC MIKE	11145
K4 CMC BRUCE	9263	N3 CVP PETER	6277	K14 DBK BRETT	10686	K5 DLE GENE	5608
KD5 CMN MIKE	7406	KB3 CVS TOM	10068	N1 DBS DAVE	9702	VE3 DLH JERRY	3292
W5 CN MARC	8281	WD9 CVX LEONARD	10479	WB8 DBX JIM	6119	N0 DLJ DAVID	1419
N7 CNH DOUG	10682	W4 CVY COLUMBUS ARC	10650	W3 DBY MAX	11590	W5 DLP DAVID	10208
W8 CNJ ROGER	9212	AC0 CW JAMES	11891	KB1 DC JON	6712	N7 DM DM	7556
W7 CNL JACK	2631	AI4 CW DON	4473	KF3 DC KEN	6521	KB3 DMA DON	6513
W4 CNM JACK	7396	K0 CW CHARLES	8014	VE5 DC JERRY	4554	WB0 DMC ROBERT	11423
KG4 CNZ ROBERT	8142	K9 CW DREW	5244	W8 DC Grand Rapids ARA	11460	N4 DMI WALT	10065
N0 CO BILL	10303	KP4 CW EFRAIN	11465	WB1 DCC DICK	7240	K6 DMM JACK	8866
KE4 COH BRYAN	7678	KS0 CW Kansas CW Club	10425	VE2 DCI MAC	5318	WD9 DMM MATT	1412
K0 COP DAVE	4748	KS6 CW CATHY	7378	W9 DCQ DOUG	8787	WA1 DMV BILL	4935
KB2 COP JOHN	11436	NC4 CW FISTS Club of Coastal Georgia	5200	AC4 DD MAX	10412	KC2 DMX CHARLOTTE	6298
N2 COP BILL	11622	NN4 CW GIL	9571	K8 DD HANK	5295	AA4 DN DARRELL	8732
N3 COR DON	3221	WA2 CW BARRY	2774	N9 DD TOM	11672	K10 DN JIM	11680
PY7 COU PAULO	7584	WA6 CW ROB	3293	K8 DDB MIKE	4527	WB2 DNG BOB	8267
N8 CPA STEVE	2904	WC4 CW LowKeyContesters	5100	W6 DDB BILL	1525	WD4 DNG MARK	9719
KE4 CPC JASON	11462	WI4 CW KEN	10583	N9 DDC STEVE	11239	W2 DNJ BOB	4752
VA7 CPC CHARLES	10604	ZP6 CW DOUGLAS	1771	KE4 DDI RICK	5271	N1 DNM GEORGE	1445
W8 CPG BRUCE	2340	W4 CWA FRANK	8291	VD7 DDW DAVE va7vvv	9112	W4 DNZ PHIL	4269
VE1 CPL CARL	7359	WB2 CWA BOB	5316	NU5 DE Naturist Am. Radio	8050	KF3 DO BERN	8466
KA6 CPM NICHOLAS	11571	K9 CWD HoosierLakes ARC	10750	W8 DEA DON	3470	N5 DO DAVE	11673
N7 CPP BRUCE	2075	N8 CWG PhoneLess in America Morse	3500	K14 DEF KEVIN	10620	NU4 DO NORMAN	10662
WB8 CPY BILL	11929	K7 CWH CHARLIE	11690	K3 DEN DENNIS	6203	W0 DO RICHARD	8764
AE6 CQ MICHAEL	8727	K4 CWL TIM	3886	KC8 DEN DALE	4033	W7 DO GARY	8520
K5 CQB JIM	11703	KE5 CWN LEO	12094	WA4 DEO DOZIER	9494	W8 DO DAVE	1486
W8 CQD SCOTT	10679	KF6 CWU GILBERT	11683	VE4 DET RICHARD	11509	N8 DOE HANK	10092
KE5 CQJ KEVIN	11496	N0 CWW NED	9754	W9 DEW DON	1406	WB1 DOG JIM	6169
KF4 CQN ROY	9734	KW8 CX LEO	9205	K6 DF DENNIS	3076	WB3 DOM RON	10981
KB3 CQU HANK	5885	N2 CX JOE	9273	N3 DF NEIL	3328	K3 DON DON	4067
N0 CQV LOGAN	11584	N6 CX GLEN	3263	K4 DFG DAVE	11402	W4 DON DON	3936
VE3 CQV RON	10461	WA4 CX BILL	4959	WA2 DFI SCOTT	10241	K1 DOT DOROTHY	10633
KD5 CQX REGGIE	10169	WB4 CXC VAN	11318	W4 DFP BILL	11249	K3 DOV Central Delaware Skywarn	7316
AA1 CR OWEN	5083	KE5 CXX JIM	11202	W1 DFU BERT	9180	KD6 DOX ART	11451
AB8 CR STEVE	6130	K0 CY BOB	7047	NN6 DG DIMA	9312	W5 DPM WES	11047
KE3 CR GILES	4192	W8 CYG JOE	1471	W7 DG Lower Columbia Amateur Radio Cl.	5777	KF4 DPS JIM	3447
KJ5 CR JOHN	5936	KC7 CYR STU	8810	K14 DGH CHUCK	10783	WB3 DPS MARK	6789
K8 CRC CRAIG	11794	K4 CZ BARRY	11374	W7 DGP LARRY	11682	W7 DPW DAVE	10410
N7 CRG Syracuse Emerg. Radio Group.	2797	K8 CZ TOM	2360	WA2 DGV ALFRED	11137	W9 DQ PHILLIP	10359
VE9 CRM ClubRadioAmateur8600 du Madawaska		VA7 CZ DAVID	11957	W7 DGW JIM	11693	WA4 DQU KENT	2449
VE7 CRO RUDY	4660	W0 CZ KEN	7218	KF6 DHA COLLEEN	3947	KC2 DQV ROBERT	11527
W8 CRO BOB	6260	WA4 CZK GARLAND	2783	W8 DHG DUANE	11637	AB1 DR ANN	10747
W3 CRR CRAIG	11454	AF2 D TOM	10098	K0 DHQ HANK	11480	N5 DRB DENNIS	11297
KB3 CRY DAVID	5826	AF7 D BILL	2690	W2 DHT BILL	4795	VE7 DRC DWAYNE	9707
AI4 CS GENE	10495	AK7 D FRED	8818	K9 DI WAYNE	4409	KD5 DRE CHRIS	7455
K7 CS DON	9164	KC4 D BILL	2709	KO4 DI EILEEN	7508	K0 DRS DAVE	10987
K9 CS CARL	10070	KC8 D DENNIS	3132	KB8 DIE JULIUS	9189	N5 DRV JOHN	11947
WA7 CS CARL	4561	KE9 D ROGER	9906	K7 DIK DICK	11207	KB3 DRW DON	6296
KG6 CSE TOM	10242	KJ1 D DON	11561	W7 DIK JOE	6651	KD5 DRY WARREN	11471
KG4 CSJ CYNTHIA	6585	KK8 D SCOTT	10972	W4 DIM DAVE	6291	KD5 DS DAVE	10229
VE3 CSJ JOHN	12084	KM3 D HARRY	12076	N7 DIP PAUL	12070	KD7 DS4 MARY JANE	10240
KC2 CSQ CRIS	6941	KQ5 D LAURIE	4344	KD5 DIQ PENNY	8540	KB1 DSB KARL	6938
W7 CSX JIM	11149	KW2 D PETE	6707	W4 DIT Cedar Forest QRP Group	11355	K9 DSD DAVID	8181
WA9 CSY CHUCK	10281	NA4 D LLOYD	11665	W8 DIT JOHN	6880	KC9 DSE JIM	10401
VE3 CTP CHRIS	10440	ND3 D MATTHEW	12021			K5 DSG DOUG	9280



K8	DSL	JOHN	11564	KT2	E	MIKE	5086	N2	EI	SKIP	6214	N8	ERL	DAVID	10951
W9	DSP	AL	11970	KT5	E	JAY	11747	N7	EIE	LEROY	9926	N9	ERN	ERN	11041
KG6	DSV	DOUG	8695	NE5	E	DAVE	11594	K8	EIG	BOB	5868	KB1	ERV	ED	8586
KC9	DSW	MARK	11424	NS3	E	ED	0909	K8	ELJ	JIM	10674	K1	ES	GLENN	8292
W2	DSX	JIM	10009	NU3	E	JOHN	3833	VE3	EIM	ROBERT	5373	KQ6	ES	JOHN	2406
AE1	DT	LANCE	10317	NU7	E	WALTER	4705	K9	EIS	DENNIS	11339	KE7	ESA	BERT	11876
AE4	DT	JIM	8650	NV7	E	SIG	8636	W5	EIU	LARRY	7329	K6	ESE	TREV	7814
N4	DT	DANNY	11968	P43	E	EMILY	5055	AE6	EJ	CURT	9732	K9	ESE	JEFF	10929
KD4	DTM	KIRK	11238	WB0	E	KENNY	9323	KD5	EJA	JOHN	5978	N5	ESE	MONTY	9923
AA3	DU	MICHAEL	1400	W18	E	Swartz Creek RF Club	11350	KE5	EJH	JACOB	11736	N9	ESH	JIM	11801
K7	DU	GEORGE	5616	WJ4	E	TOMMY	9225	VE3	EJM	AL	10730	K3	ESP	TOM	10118
KV4	DU	JULIE	7312	W08	E	IRENE	0656	WA5	EJQ	BILL	11057	N3	ESQ	DEL	11567
W6	DU	RICH	5726	WS9	E	JOE	6791	K7	EK	GARY	3951	K7	ESU	RICK	6201
W7	DUD	KENT	5057	WT0	E	BUD	7999	KB1	EKD	ED	6982	W2	ESX	JOHN	1565
WN3	DUG	CARL	9953	WU0	E	JOE	11776	KA9	EKG	TOM	9701	K10	ET	FRED	5168
W4	DUK	DAVE	11524	WU9	E	PHILIP	1449	WD9	EKK	HELEN	5779	K14	ET	JIM	11814
WB0	DUL	RICHARD	10912	AA5	EA	WALLY	1969	K2	EKM	BILL	10138	KB3	ETE	JIM	11049
N5	DUQ	BURL	7244	AG4	EA	BILL	11753	WA6	EKR	DAVID	11742	WA6	ETF	GEORGE	5938
K9	DUR	RAY	11964	N3	EA	ALAN	6151	N4	EKZ	JAMES	9911	W6	ETK	NORRIS	3626
KC4	DUT	SILAS	11679	XE2	EA	JORGE	8111	AB8	EL	DON	8237	KB0	ETU	PHILLIP	9555
K14	DUX	Sam Davis	10600	KC5	EAF	LARRY	11403	W9	ELK	CHUCK	7274	AD7	EU	PETER	12055
		Memorial CW Cl.		KE7	EAG	ROB	11846	WB7	ELK	WILLIAM	1203	K2	EU	FRED	3913
KB1	DUY	ABIMAEAL	10699	KA3	EAJ	DAVE	10765	KE7	ELQ	BERNIE	11805	K7	EU	PHIL	4701
AK6	DV	CHUCK	8130	W8	EAL	LAWRENCE	8780	KB1	ELS	DAVE	7015	KC9	EUH	JAY	5344
KQ6	DV	TOM	6233	K1	EAR	JOHN	11420	WB7	ELZ	DON	10786	WB6	EUH	ROBERT	9311
W3	DV	Woodwardville	1975	N4	EAT	RAY	11030	KD3	EM	DAVE	8460	KD7	EUL	JIM	8204
		Amateur RC.		W4	EAT	CARL	6265	KK7	EM	JIM	10218	VA3	EUU	PETER	7410
K1	DVA	ROLAND	9318	N1	EAV	GEORGE	8178	W9	EM	JOHN	4127	K1	EV	BILL	8461
W6	DVB	BILL	9591	N0	EAX	RICH	8847	W3	EMB	JACK	3598	KU4	EV	CHUCK	6779
KC7	DVF	ADAM	9470	KC7	EAY	TIM	5961	K0	EMC	JAMES	11120	N6	EV	PAUL	1407
W6	DVO	MARK	12106	W0	EB	AUBREY	11003	PY2	EMC	ERIC	11648	N0	EVH	JOHN	8405
KA9	DVX	JOHN	3677	K14	EBD	BILL	11711	W6	EMD	DAVE	2095	W9	EVZ	ARTHUR	7245
AA3	DW	RAY	5839	N5	EBD	KENNETH	9465	WB9	EMD	DENNIS	11312	AB4	EW	ROD	10411
K1	DW	DALLAS	4972	WB3	EBN	BOB	5346	WD9	EMF	VIC	8574	K9	EW	ED	11126
K3	DW	KEN	11401	VE2	EBP	PIERRE	10630	N2	EMG	LELAND	7349	VA3	EWK	ELMER	6781
KK4	DW	DAVE	8820	K5	EBS	ED	9382	KA2	EMZ	BILL	11380	WA5	EWN	EMMETT	10197
W5	DW	WIB	8815	N3	EBX	MIKE	11260	N3	EMZ	JERRY	7512	VA3	EWP	VINCENT	8070
VE7	DWA	DAVE	1488	K1	EC	CONRAD	8124	K8	EN	KEN	0927	K7	EX	WAYNE	11205
WD5	DWC	JOSEPH	10058	KA0	EC	GENE	7841	N8	EN	STEVE	2917	K1	EXI	DANA	11581
W4	DWD	JAMES	3459	NY3	EC	USS REQUIN	1443	N4	ENC	Eastern NC CW	12050	WB2	EXI	JOHN	2760
WD9	DWE	DENNIS	7017	K5	ECI	WILLIAM	11939	K6	ENT	KENT	7885	WB5	EXI	CHAS	11208
N5	DWI	JOHN	11746	WA2	ECP	VINCE	6374	KB3	ENU	ROBERT	7658	K3	EY	CURT	5238
W4	DWK	DAVE	6914	KG2	ED	RICHARD	11663	KR4	EO	WALTER	6725	K6	EY	BECKY	2961
WA4	DWW	JOHN	10135	KP4	ED	LUIS	11604	N2	EO	RICH	11530	K8	EY	FISTS CW Club	3400
K1	DWZ	KENNETH	11944	NA0	ED	ED	5049	N4	EO	JERRY	4650			of Michigan	
AA6	DX	MARK	11892	KA8	EDB	NEIL	9495	W2	EO	ED	8729	KF8	EY	ROB	8027
K1	DX	GEORGE	11733	W4	EDB	CARLOS	8433	W6	EO	TOM	7914	WA2	EYA	JOHN	7039
KD8	DX	HOWARD	7636	K0	EDG	DUANE	5268	W8	EOC	Medina 2mtr group	10250	WB0	EYA	DEAN	11879
KI6	DX	Littlerock Contest Club	10775	WB9	EDP	HARRY	8669	W5	EOE	SHEP	11244	K1	EYB	GEORGE	6225
				VE3	EDR	(va2bw) BRICE	2031	KC9	EOG	JAKE	11203	KC2	EYG	JOE	7368
KT8	DX	BOB	3515	KB3	EDU	DAVE	8448	W3	EOP	ROBERT	8162	AD6	EZ	DENNY	4570
WN2	DX	MARTY	3841	KB0	EEA	DEBBY	10339	AB8	EP	JIM	5950	N9	EZ	JACK	11546
WN4	DX	LARRY	3345	N6	EED	TERRY	7375	KP9	EP	ERIK	3217	WB2	EZG	VINCE	0315
WA8	DXD	TOM	3806	W3	EEK	CARL	11559	N1	EP	PHIL	11966	N2	EZY	DAVE	7543
W8	DXI	Michigan DX	9300	K6	EEP	MIKE	9773	N9	EP	ED	6244	KK3	F	PAT	10074
K4	DXU	BILL	10646	KC0	EEP	TORI	11980	WB7	EPC	JACK	4608	KK6	F	BOB	7607
KB2	DY	PETE	10397	W4	EEX	SARA	5422	N3	EQ	ROB	11674	KR2	F	VINCENT	4582
N5	DY	JACK	11105	W5	EEX	JOHN	7415	K1	EQA	JAY	3876	KW3	F	BOB	10140
KD5	DYI	JAY	10414	N3	EF	ERIC	11863	KC2	EQA	LARRY	8865	KX5	F	PAT	4565
XE1	DYO	JOSE	2410	K0	EFD	Ellicott Volunteer Fire Dept. ARC	10175	W8	EQA	DAN	2469	KY7	F	DOUG	7311
KC2	DYW	CATHY	5824	VE3	EFG	WAYNE (va3ce)	6549	KC2	EQB	RALPH	6392	NI5	F	BILL	8682
AB9	DZ	PETE	10571	KB3	EFV	DICK	7346	KC9	EQC	JON	11154	NN1	F	ARON	4110
AE6	DZ	LARRY	10534	K4	EG	Alumance ARC	11375	WA2	EQF	SCOTT	11337	NR9	F	AL	11446
K1	DZ	RICK	10272	WBS	EGI	BRAD	11678	WB8	EQG	BOB	3530	WA0	F	MARK	1736
K4	DZ	BILL	2012	K3	EGR	JOHN	6869	WN8	EQI	BOB	10437	WD9	F	WOODY	7852
N3	DZ	DAVE	7486	AC5	EH	DWAIN	3129	W0	EQO	Courage Hamd/Hams	10075	WU9	F	TERRY	7829
N7	DZ	BILL	5032	KQ6	EH	PAUL	3429	K4	EQQ	DEAN	11230	AB8	FA	BILL	7094
W4	DZR	BOB	9997	W1	EH	CHRIS	11775	KC7	EQW	Coronado ARC	8675	AB9	FA	JAY	11654
KA8	DZU	TIM	11606	W8	EH	ERNEST	11667	K1	ER	JOHN	11212	N9	FA	FAY	4188
KB1	DZZ	DAVE	7255	K8	EHL	TERRY	3152	VA6	ERA	OLIVE	0743	WB8	FAL	CHARLES	10116
AA6	E	MARTIN	11607	K7	EHL	ED	9343	K1	ERB	WAYNE	3109	VE3	FAI	FRED	2337
AB6	E	LARRY	6574	KC0	EHR	DAVID	5714	VE7	ERE	FONZIE	5325	W9	FAM	VERN	8223
KA0	E	KEITH	7930					KB3	ERI	JAY	7839	KC4	FAN	BRIAN	10746
KB2	E	CHUCK	1964									KC9	FAV	BRIAN	11437

W8 FAX	ALAN	2192	WA2 FJK	FRANCIS	4617	K2 FW	STEVEN	11990	KG6 GHS	MARK	10227
WA5 FB	FRANK	3691	KB3 FJO	ART	11979	K14 FW	RICH	11048	VE3 GHZ	RALPH	10171
KA6 FBB	AL	10683	WA1 FJT	LEE	8161	NP4 FW	HECTOR	2531	AD6 GI	CHUCK	5090
K14 FBF	TIM	11304	KC9 FJU	SHARON	11478	KE4 FWA	CARL	3818	KP9 GI	BROCK	2451
W0 FBI	DAVE	10617	KA5 FJY	THEODORE	11816	N2 FWB	JOHN	11418	N2 GI	BOB	5645
KA2 FBO	GARY	5989	AG4 FK	GEORGE	11551	KK5 FX	REGINA	4566	KG4 GIF	THOMAS	7317
KD4 FBT	ART	10243	K6 FK	MARY	11815	N3 FX	TONY	7267	KF4 GIN	FRANK	5921
A14 FC	DAVE	10266	N0 FKA	KATHI	5276	KG4 FXG	BILL	7249	W2 GIW	KEN	11385
W9 FCC	DAN	11774	W1 FKA	ERIC	5733	KC2 FXH	BOB	10136	W2 GJ	PETER	11841
K0 FCG	THOMAS	7278	N0 FKC	PETE	5794	WB2 FXK	JACK	0918	KH6 GJV	BILL	7475
W0 FCL	DAVE	6754	K3 FL	FRANZ	6133	KD6 FXW	GERY(ve2krm)	5338	AB2 GK	JEFF	6752
W4 FCR	FISTS QSL BUREAU	7007	KD4 FLO	JOHN	1506	W5 FZ	DAVE	10078	N6 GK	GREG	11012
KF6 FCV	JIM	5357	K8 FLY	BILL	3032	WA9 FZB	STEVE	11276	WB9 GKM	GREG	6742
WB9 FCZ	BILL	4383	K0 FM	FRANK	9970	K9 FZJ	DAVE	11288	N8 GKQ	DAVID	6362
KF4 FD	TERRY	9255	N6 FME	FRED	12083	N9 FZK	BOB	10729	KF6 GKR	TERRY	3104
K14 FD	TOM	5185	VA2 FMG	FABIEN	8038	KG6 FZM	TOM	9131	KG2 GL	TONY	5947
N9 FDF	TOBY	11382	WB0 FMS	BOB	8723	K14 FZY	JAMES	11483	KP4 GL	CARLOS	11381
N4 FDG	BUCK	11948	K9 FMX	TERRY	11893	AD6 G	FRITZ	10269	WA8 GLF	JOHN	6342
W8 FDV	JIM	1959	KA3 FMZ	RUDDOLF	7357	AE9 G	HANS	10781	W9 GLG	GERALD	9737
N0 FDX	DONALD	3403	K8 FN	BOB	2455	AL1 G	CORLI	8505	K14 GLH	DAVE	11179
K3 FE	JOE	11306	K9 FO	WILL	9339	KA6 G	JIM	9728	W9 GLH	JAMES	7339
K8 FE	KARL	5035	KM4 FO	DWIGHT	3316	KD0 G	STAN	10234	WA4 GLH	PHIL	10295
N6 FE	DAVE	2398	WA4 FOB	LARRY	7223	KF1 G	LEROY	10190	WB4 GLJ	JOHN	7910
KA7 FEF	MARY	8751	K9 FOH	BOB	8409	KG2 G	BERT	9413	KC2 GLL	ED	10493
KB3 FEI	DALE	11909	WB3 FOJ	HOWARD	5770	KZ2 G	BOB	11366	W2 GLQ	NUTLEY ARC	8175
WA6 FEJ	STEPHEN	6758	K2 FOP	Fraternal Order of Police ARC, #145	6700	NA6 G	STEVE	9776	N5 GLR	GARRY	10187
KB2 FEL	BOB	10182	K0 FP	FRED	12020	NF4 G	JOYCE	9145	AC7 GM	JERRY	4678
WD9 FEP	JON	2127	K8 FP	DARYL	7572	NS2 G	HELEN	0393	K0 GM	CHRIS	11536
WA9 FET	ROYSE	7958	W4 FPB	FRED	11014	NT7 G	MIKE	6395	K4 GM	GEORGE	10323
WD0 FEU	ANNETTE	8619	N1 FPG	STEVE	1217	W12 G	ANNE	3143	KE9 GM	GREG	6920
N8 FF	KEN	1225	K9 FPM	RON	8778	WM8 G	MARK	7484	N9 GM	TONY	5047
W0 FF	JIM	5020	KD5 FPM	RON	10389	W00 G	GENE	2349	W4 GMX	COY	12105
WA6 FFA	DANIEL	11744	W6 FPS	RON	8577	WT6 G	LEN	7602	N8 GN	GEORGE	4709
K1 FFF	New England CW	6200	K1 FPV	BILL	10418	WV7 G	WILLIAM	11008	W1 GN	DAVE	4520
K2 FFF	FISTS of Long Island	7450	N2 FQ	FERNANDO	8649	K8 GA	JERRY	5997	VE3 GND	BOB	7505
K4 FFF	FISTS CW Club of Florida	7000	A14 FR	JOHN	11184	K9 GA	GEORGE	8883	K5 GNI	GEORGE	11028
K5 FFF	Pouncing Fox ARC	9750	K0 FR	BOB	11178	W4 GAC	St. Petersburg Amateur Radio	7875	KC2 GNL	BILL	10465
K6 FFF	Vista Valley Fists CW Club	4444	KN6 FR	ERIC	3965	W8 GAC	JOHN	4043	WA3 GNW	BRUCE	7878
K7 FFF	FISTS Northwest	4400	W9 FRC	JOHN	4747	K14 GAP	JOE	11787	W1 GO	TOM	3602
N5 FFF	Red Stick FISTS	9250	WB6 FRZ	JOHN	4298	W8 GAR	DAVID	6170	W7 GO	TONY	3354
VA2 FFF	FISTS in Quebec	11125	AC4 FS	HOWARD	11006	K4 GAW	LUKE	6638	KC8 GOI	DAN	4252
VA3 FFF	Canadian Club	9325	AL7 FS	JIM	4666	AB8 GB	PHIL	8222	KC8 GOJ	ROGER	3952
W1 FFF	SW NH FISTS	11250	K0 FS	FRED	9174	W7 GB	DON	2108	KD7 GOV	HARRY	6927
W4 FFF	FISTS Club of North Carolina	9700	KD0 FS	KEITH	12093	K3 GBB	GEORGE	10448	W7 GOY	LARRY	5635
W8 FFF	Ohio Valley FISTS	7200	KG7 FS	RICH	11121	KE4 GBE	MIKE	1911	A14 GP	JIM	11388
W9 FFF	FISTS of Illinois	6900	W8 FS	LOWELL	5638	KD5 GBI	AL	6671	K5 GP	GENE	6643
WA6 FFF	INLAND EMPIRE	6300	W9 FS	JERRY	7326	KC9 GBX	JEF	11399	KG4 GPG	BUCK	8188
K14 FFN	JERRY	12069	W8 FSA	MARK	9424	NB6 GC	USS HORNET	5600	K1 GPL	JOE	11407
W9 FFU	GLENN	8428	WB4 FSF	BONNIE	2975	W1 GCA	DAVE	2610	VE3 GPM	PAUL	11634
K6 FFY	NICK	8081	KE7 FSG	Utah CW Operator's Club	12025	WA1 GCT	ROGER	6841	KC8 GPR	PAUL	4419
AB2 FG	TOM	2174	VE2 FSK	GUY	10504	AB2 GD	RICK	3405	KG4 GPV	Queen City CW	7350
AB5 FG	DOUG	7470	K8 FST	Fairborn FISTS	9200	AH6 GD	TED	6902	W4 GPW	PATRICK	11802
AD5 FG	DAVID	8425	W7 FST	Reno QRP Group	5900	W7 GDB	DOUG	5751	AB8 GQ	KENNETH	9176
K6 FGA	Flour Garden ARC	11225	KG4 FSW	CHARLEY	7337	K4 GDC	WALT	11449	AL7 GQ	GENO	1984
N9 FGC	JAKE	4629	KE0 FT	JOHN	11617	K1 GDH	ED	3490	NP2 GQ	GREG	1292
N3 FGO	KEN	6172	K1 FTA	CAROL	9169	W8 GDP	JOHN	10712	WB9 GQB	TOM	11608
WA0 FGV	JIGGS	1286	WN8 FTC	PAUL	8251	WA8 GDU	TONY	11197	KD5 GRF	CARL	8033
K8 FH	FRED	9917	KF9 FU	CARL	2362	KF0 GE	EARL	4249	WA3 GRQ	WALT	11414
KL7 FH	FRANK	11715	W6 FU	KEN	2193	N3 GE	ANTHONY	11913	KB8 GSA	CHRIS	8191
W7 FHO	LOU	5810	K4 FUM	JERE	9291	N4 GE	JERRY	7266	KN2 GSJ	GEORGE	1538
AC5 FI	ED	1499	K4 FUN	Stone River ARC	11100	N7 GEB	GARY	11340	KA9 GSU	GENE	10031
N4 FI	DAN	9296	W3 FUO	HUGH	5036	N4 GEL	BUD	2417	W7 GST	BOB	9159
KE4 FIG	DANNY	8604	KB1 FUS	JOE	8524	KC8 GEN	RAY	10003	N2 GT	STERLING	9960
KE5 FIT	ROB	11984	K14 FUS	CURTIS	11650	W4 GEO	GEO	2667	N8 GT	GARY	11978
KF6 FIX	DON	11016	KD5 FUY	JIMMIE	9914	W3 GER	GERRY	10139	W1 GTA	LARRY	5644
WA3 FIY	LEE	8243	N9 FV	PAUL	9105	N2 GFF	ANDREW	5157	W4 GTM	KAREN	2407
KD5 FJE	DOUG	5844	W6 FVI	BRIAN	11624	AC5 GG	LEE	2509	K6 GTP	GEORGE	8708
KB2 FJH	PAT	4321	N9 FVL	HERB	5475	AD7 GG	DAVE	11889	KC9 GTP	BRENDA	11638
KB3 FJJ	STEVE	10780	K4 FVN	DON	11265	W6 GG	BOB	2766	K1 GTS	GREG	11812
			KC9 FVP	CHRIS	11878	W4 GGM	Maurry ARC	5700	N7 GTW	VERN	11430
			WD4 FVZ	JEFFERSON	8817	KC0 GGN	LINDA	6804	AB2 GU	BRUNO	11299
			AF4 FW	WARREN	6979	WB6 GGO	DARR	9320	N8 GU	BOB	10930
						K9 GHD	SAM	8285	W1 GU	MICHELLE	3438
									W1 GUE	ED	7927

KB3 GUN BILL	11493		Electronics	KB3 HQH JOHN	10587	W7 IBC ALBERT	10039
KB8 GUN RAY	10103		Museum	WA0 HQQ AL	10049	KF4 IBU MARK	9973
N9 GUN TOM	7340	W1 HEO DEE	11640	KC0 HQU JOHN	8805	KB1 IBV DOUG	9313
WB8 GUS DON	11170	KI4 HEX THOMAS	11768	AG4 HR RAJAH	6655	W8 IBV ROBERT	8782
AA3 GV ERNIE	4401	AA4 HF HARVEY	6333	KB9 HR THOMAS	8497	W5 IBZ LOU	7257
K9 GV CURT	11995	K4 HF CHUCK	12099	KF8 HR BILL	11246	AI4 IC KAY-UWE	11779
KI7 GV MARK	11936	KF6 HFE BOB	11281	KK4 HR RAY	8430	K5 IC AUDIE	11195
W0 GV GERALD	1931	N0 HFF BILL	1239	VE3 HRC Heritage Amateur Radio	7300	N0 IC NEMO	3550
W7 GVE ED	12077	W4 HFH Alexandria Radio Club	2963	KA9 HRO FRANK	9221	KC2 ICA DAVE	10582
K6 GVG ROY	3026	WD5 HFI JAMES	4211	KB5 HRS PETE	1206	WA5 ICA MIKE	10405
N3 GW GEORGE	11098	K0 HFK BILL	4104	K9 HS KEVIN	4259	WA2 ICB MOE	9796
NX2 GW RICH	3342	KA8 HFN LARRY	11631	VA6 HS HARVEY	9454	W1 ICC GIL	10637
W2 GW JOHN	11986	KI4 HFQ Weiss Lake ARC	11200	KB1 HSA AL	9954	KA4 ICK MARK	11998
WA1 GWH GARRY	3846	KB1 HFT GEORGE	11398	KG6 HSI ART	8874	WA6 ICK BOB	9369
AG4 GX GERRY	9111	KG9 HG CURTIS	11820	K2 HT DICK	11365	WB8 ICN MIKE	7065
N4 GX ED	11486	WB1 HGA RON	10251	N0 HT Haney Vo-Tech ARC	11220	KC9 ICT ERIC	12010
VE9 GX LARRY	9458	WB6 HGJ GUY	9909	N2 HTA DAVE	8031	W0 ICT South Heartland AR Contest Club	11444
W9 GX GREGORIO	10019	N8 HGL BOB	10963	W2 HTI ED	9186	WB5 ICV LEON	7246
KC5 GXC LAWRENCE	2032	KG4 HGP THOMAS	10001	K2 HTX CG	5727	K0 ICW DICK	4116
K5 GXG RAY	8786	N6 HGT LEE	7694	W4 HU JOHN	3166	KB7 ID LEE	7976
KA0 GXK BERNIE	8725	WA3 HGT HERB	10685	WB4 HUL SIDNEY	3540	W1 IDE JACK	9265
KG6 GXS RICH	8420	K0 HHB TOM	3441	VE3 HUR DON	11349	W9 IDE W. Indiana Digital	2955
VE3 GXU WC	3092	KC8 HHH BEN	3390	KD7 HV HAM	4952	KI4 IDK RICH	11585
W5 GXV GENE	11347	WA1 HHK STEVE	7391	KG9 HV JOHN	1750	N1 IDX NATE	11826
KC0 GXX TOM	7376	WD0 HHK LARRY	10152	W6 HV TROY	6847	KO6 IE MIKE	8726
K4 GY BILL	7646	K5 HHS ROGER	10659	W1 HVC HARRY	8579	N8 IE DANIEL	4985
KG0 GY BRAD	9706	KH6 HHS TALLEY	9579	KG4 HVQ DAVID	11552	WD8 IEL Chelsea ARC	11395
WB5 GYB JERRY	11116	K7 HIL MICHAEL	10353	KB9 HVV DONALD	4931	KB5 IEU CHARLES	2051
W1 GYF NICK	9167	N1 HIY TOM	8750	KD7 HVZ LAURENCE	11915	KO6 IF CAL	10737
WA3 GYW FRANK	10795	AD6 HJ CARL	5869	N6 HW BRIAN	6320	KA4 IFF ESTHER	0011
KD3 GZ DEREK	9195	N0 HJ JOHN	3184	W2 HW CHET	1278	KB3 IFK ANDREW	9938
W6 GZ HENRY	11190	KC0 HJA DAVE	11652	N1 HWQ CHRIS	11890	WB2 IFS JESSE	10351
AC0 H KEVIN	11993	K8 HJI BOB	11182	W7 HWR DENIS	4689	KI4 IGH AARON	11377
AC4 H BOB	4362	WA3 HJJ MIKE	11283	N7 HWW ERIC	10612	KC5 IGG KENNETH	4345
AF9 H PATTI	1785	KB3 HJQ CHUCK	9522	W9 HXM DICK	11843	N7 IGG DON	9278
NN2 H KAY	2424	W9 HJW STEVE	4245	K5 HY JIM	11702	AA7 IH RAY	7558
NP4 H NOMAR	8253	K4 HJZ BRAD	12090	K7 HY JOHN	10998	N8 IH WAYNE	1243
NS2 H DICK	2508	K5 HK CARL	7546	K2 HYD RAY	10980	W5 IH BOBBY	12005
NU3 H DON	11698	N8 HKI BILL	7524	W1 HYM KENT	11686	KB3 IHC T.J.	10069
WR2 H BOB	9144	K4 HKK JAMES	10122	K9 HYW FRANK	7466	KB1 IHO JOHN	11064
WU3 H MIKE	8591	KD5 HKP DEB	6548	KG4 HYW TOM	10588	AA3 II JERRY	9746
WX7 H STAN	10206	K4 HL LES	3081	N9 HZ BRENT	10067	AI4 II DWIGHT	10501
KE8 HA DAVE	7638	KE5 HL CLAY	8002	W5 HZA PETER	11969	W8 III DAVE	5058
KG2 HA SAMUEL	6952	W3 HL HERB	3861	W4 HZD WILLARD	2673	KG6 IIP RANDEL	8575
KB3 HAA HAL	10231	KC2 HLC JOE	11697	KE4 HZM RICHARD	1554	N5 IIT TIM	8736
N7 HAE JOE	11360	KC9 HLK JENS	11492	W3 HZW Kent County ARC	2512	W0 IIT BART	5819
KG6 HAF WARD	9407	N3 HLM MIKE	1480	WB3 HZZ ERNEST	11901	K8 IJ CHAS	8096
W4 HAY FRANK	7845	W9 HLX PAUL	7395	AE8 I KEN	1913	W8 LJ DAVE	3825
K0 HB HANS	7419	KC2 HMM ALEX	8443	KB3 I IRA	11765	KC6 LJE TIM	3357
KB1 HBC WALT	8546	K2 HMN ALFRED	10038	KE4 I DENNIS	9345	KA3 LJO JIM	6636
WD9 HBC JIM	11748	AD7 HN MIKE	11873	KG5 I LARRY	11192	KI4 LJW STEVE	11489
KE4 HBE PAUL	1923	KD1 HN BILL	11656	KM5 I FRANK	9271	K0 IK BRIAN	7827
WB1 HBE JOHN	2061	N8 HN STAN	9457	KQ0 I MARK	5745	K1 IK ALBERT	11189
K8 HBI CHAS	5772	WA2 HNA DICK	6722	KQ2 I TONY	11772	KG2 IK ROBERT	7576
W7 HBO JOHN	11252	W7 HNK JOE	11717	KR3 I GENE	9559	N0 IK LEE	8562
WA3 HBT BOB	7034	AA1 HO ARTHUR	1283	NI0 I TOM	7369	N8 IK IAN	8232
K7 HC CLAY	12085	K1 HO ERNIE	10341	NU4 I KEN	10641	W7 IKD JP	10592
N0 HC CLIFF	11941	VO1 HO DARRYL	7386	NV6 I JOHN	12107	N3 IKO GEORGE	11676
VE7 HCA JR	5642	KB3 HOB CHARLIE	11513	WI1 I BERNIE	8860	VE3 IKS PAUL	3334
KC7 HCR TYE	5860	N1 HOG BOB	3142	WZ9 I JOHN	10164	W9 IL LOU	11187
AD7 HD LOU	7318	W7 HOP REID	8434	AB7 IA ROBERT	2539	W9 ILF IVIN	11745
K7 HDB DICK	10995	KG4 HOQ DIANE	11588	K4 IA BUCK	6702	WA4 ILO JAMES	7325
WA7 HDI JOE	11421	KE4 HOS RAY	2028	W5 IA BILL	8890	KH6 ILR ALLAN	10438
KA2 HDO HORACE	8169	W0 HPD JIM	3915	XE2 IA PACO	6951	KG6 ILU PHIL	10745
KF6 HDQ BEV	4162	W1 HPH BILL	9138	KE4 IAF DAVE	5147	N4 ILV DENNIS	10189
KB1 HDW DAVE	9963	KB3 HPK ROBERT	9736	KF6 IAS GORDON	11569	K9 IM 9-0-4 Am. Radio	8100
W2 HDW EDWARD	4396	W6 HPK STEVE	4905	W4 IAS WALLACE	4424	W8 IM DEAN	11267
KB1 HDX NOAH	9964	KC8 HPO VERN	10083	KG4 LAV VIN	8001	W9 IM LES	5029
AB9 HE BRENT	1507	WB2 HPR STEVE	11921	K7 IB HARRY	3255	KB9 IMI KEN	5123
KH6 HE ALEX	7423	K3 HPS JOHN	11687	KK5 IB DARRYL	2416	KG4 IMI MIKE	9377
KS4 HE STEVE	8839	LW1 HPT PAUL (G4WQO)	5518	W2 IB DOC	9708	N2 IMO EDWIN	4091
W0 HED DON	5050	AA0 HQ TOM	1548	W7 IB CASEY	9758	KA8 IMZ MICHAEL	10107
WB2 HEK BART	3348	W5 HQ GARY	6566			AB9 IN TOM	10607
W3 HEM Historical	9275						

KR4 IN PAUL 7659	W3 IYQ E.L. "Doc" Sielke 8500	KF4 JG GRIF 11642	KB4 JR BERNIE 3501
N4 IN DAVID 2103	Memorial	N8 JG JAMES 4106	W0 JRC JOHN 8442
W9 INA DOC 10919	KF4 IZE WILL 5381	N8 JG JAMES 4106	N6 JRL DON 2470
K6 INM JACK 11191	W7 IZE JOE 5437	KB1 JGA JERRY 9740	K8 JRO JERRY 11167
W7 INO TIM 11455	KC2 IZM RALPH 9103	W3 JGS JOHN 8691	KF4 JRO BOB 3079
KA9 INV SAL 11422	K5 IZO JOHN 10309	AC5 JH TOM 2507	KA8 JRV WAYNE 10684
AB9 IO TONY 11778	WP4 IZQ MELVIN 6934	K5 JH JIMMY 5384	KA5 JRX ROBERT 11874
W4 IO DAN 11176	KF4 IZS JOHN 11601	W5 JH JERRY 11619	AD6 JS FRITZ 5193
KC2 IOD FRED 11314	AB5 J FRANK 5816	W8 JHA BOB 10782	KT6 JS JACK 11923
KB2 ION LEONARD 6152	AE3 J BILL 11725	W6 JHB JIM 3159	KW4 JS JOHN 8041
KB2 IOO JACK 4704	AG0 J GARY 4755	KB1 JHF JOHN 11487	WA1 JSD DAVID 8478
VE7 IOQ BOB 8426	AJ1 J JOE 10288	K7 JHM JOHN 8017	W2 JSF ROBERT 3855
N5 IOT BOB 9586	KD1 J KEVIN 6864	K9 JHM JOE 10472	KA7 JSJ CHARLES 6193
KC0 IOX ERIC 9324	KI0 J AL 11905	KH6 JHM PAC R.A.T.S. 11491	WB6 JSN STANLEY 10126
W8 IPN IVAN 9130	KY6 J MIKE 11330	DC Club	K6 JSS ARCI-QRP 12000
W7 IPU HARLAN 7335	KZ5 J PATRICK 8746	KC2 JHP TIM 9240	KD5 JSS DENNIS 8016
W3 IPX JOHN 6894	NF0 J DAVE 8620	W6 JHQ TOM 10028	K7 JSW JOHN 5067
AA0 IQ CLAUDE 1211	NT3 J TED 10986	W4 JHR JOE 11999	W8 JSY CHRIS 11933
K8 IQ GARY 11315	NU2 J MARC 11310	W7 JHS MAC 9745	N0 JT JOHN 6611
K9 IQ JOHN 2524	WF2 J JOSEPH 11720	K3 JHT JOHN 6810	W8 JT SCOTT 2561
KA0 IQT JIM 1241	WR5 J CURT 10390	K2 JHU JOHN 8637	N8 JTE DEL 2426
AA7 IR RICHARD 8651	WX9 J JIM 6364	KR4 JI LOUIE 10714	W4 JTU BERT 1999
K4 IR LARRY 8454	K2 JA JEAN (listed by JA 9836 callsigns also)	W8 JI TOM 6969	WA9 JTU KENNETH 10374
K8 IR JIM 7506	N4 JAH JOE 11834	K4 JIF MITCH 7285	N6 JUG JIM 5416
KK7 IR STEPHEN 7557	KB3 JAJ BILL 11935	W5 JIF TRAVIS 11226	W6 JUS BILL 4742
K0 IRA IRA 7652	KC2 JAJ JOHN 9985	KD6 JII CHUCK 11598	K4 JUZ MAINES 7984
W4 IRE JOHN 1906	K7 JAL JOE 11973	N9 JIY MIKE 1282	W8 JUV LAURA 11669
W7 IRK LOUIS 10703	N4 JAM STEVE 11823	AA5 JJ WAYNE 5830	AA4 JV JOE 11419
K4 IRS ART 11043	KF6 JAO JACQUI 2330	K5 JJ JOHN 11806	K8 JV JIM 2372
W2 IRU HANK 10148	KB3 JAR RAY 10486	N2 JJF DENIS 10441	KB1 JV PATRICK 8595
K0 IS LARRY 11859	W9 JAT CLYDE (vs3ksa) 10778	K0 JJJ JOHN 10063	VO1 JVA VERN 8186
KH6 IS Iolani School Club 11490	K5 JAZ JIM 2058	WA4 JHH RHADDEAN 1018	KB3 JVC DIANE 11433
W9 ISC JOHN 3340	AB0 JB DONALD 7597	WB4 JJJ ALAN 2433	AI4 JW JASON 10948
KD7 ISE PATRICK 8193	N7 JB JIM 10265	WB3 JJK TOM 3127	K0 JW STEVE 3344
WD5 ISI DAVE 10909	P43 JB JOOP 5559	WA3 JJT STEVE 11026	K6 JW JEFF 7538
W7 IST JUSTIN 11097	N4 JBB John Bruce Beveridge 4571	N8 JK JOHN 5034	N3 JW MIKE 10638
KE9 IT /5 DC 5013	Memorial R. Club	KC0 JKD JAMES 8481	KD5 JWC DAVE 7426
KG0 IT BILL 3341	WA8 JBG ED 10427	KC2 JKU TERRY 11532	K9 JWI CLYDE 3051
W4 IT STEVE 11887	KG4 JBJ MARIA 8875	N5 JKY MIKE 2626	N1 JX ARNOLD 11985
WD3 IT JIM 10734	W5 JBV MIKE 10738	K0 JL JIM 7622	AD6 JY DAN 6992
KC8 ITC DAVE 8465	NH6 JC MITCH 8141	W5 JLP JOHANNA 5169	N8 JY JOHN 11311
W2 ITD JAY 11659	W5 JC JAMES 10906	W8 JLT JOHN 11494	W4 JY PAUL 11392
KC8 ITN SCOTT 9928	WV2 JC JOHN 2094	K9 JM JAMES 11661	K5 JYD LARRY 4733
N1 ITW DICK 1492	N5 JCB WALT 10298	KG2 JM JERRY 1904	K2 JYK HAL 1776
AD6 IU DICK 2643	WA2 JCP MARTIN 10177	W5 JMW JOHN 10939	KK5 JZ LOWELL 3299
K4 IU FRED 7514	W5 JCS JIM 11456	VE3 JMY MURRAY 3523	N9 JZ JIM 11055
W0 IU TONY 11967	KA7 JCT PHYLLIS 9498	AD6 JN BOB 6963	KE6 JZF TONY 9589
WA4 IUC PAUL 7040	W3 JCT JOHN 11439	K8 JN FRANK 3644	KB4 JZG BRIAN 9489
K9 IUL JIM 10982	AF4 JD RALPH 4900	KD8 JN RANDY 2543	KI4 JZR BILL 11595
K5 IUO BUD 4267	K8 JD JOHN 3853	KC8 JNK COLLEEN 6236	W7 JZZ BOB 4442
KG4 IUQ MARK 11481	W7 JD South Tacoma Contest Club 10525	WA8 JNM DAVID 11169	AC2 K ALAN 8063
N6 IV MARK 4056	K9 JDC GEORGE 6155	W8 JNO BRUCE 10968	AH6 K DAVE 7084
N9 IV RUSS 9233	N1 JDP ROD 2052	K5 JNX GARY 6962	AK5 K BILL 10647
W9 IV MAC 11240	VE3 JDR DAVE (va3rj) 6196	WB6 JNY JOHN 10188	KF0 K TOM 8513
W8 IVF GARY 9201	W6 JDT BILL 5872	W8 JNZ CLAY 9562	KQ6 K EDDIE 11201
W3 IVH DOUG 7387	K8 JE JAMES 11258	KB5 JO CURT 12059	KQ7 K TERRY 9396
KC2 IVT HOMER 12036	K6 JEB JACK 11982	N9 JO JIM 8861	KT3 K JOHN 10758
WA3 IVX GREG 9404	W6 JEB JOHN 3057	KD7 JOB Brimmon Amateur Radio School Club 7800	KW5 K WALT 11976
N3 IW CHIP 7073	KB1 JEC DOUG 10286	WD8 JOL PARKER 3043	NA8 K MIKE 11386
WD5 IWN SAM 10352	K3 JEH JACK 10354	KD5 JOM ROBERT 7459	NN9 K PETER 2047
K2 IWQ CHARLES 11626	K0 JEM JOEL 9467	W0 JOV STEVE 10497	NT9 K BILL 12063
KA7 IWX BRIAN 4958	W6 JEO CARL 5831	K8 JP JOE (V31JP) 7625	WD0 K DICK 3380
AB9 IX JOHN 10952	W6 JEP MARIE 2007	KL1 JP DAN 11766	WD3 K BILL 11735
K6 IX SCOTT 7669	W0 JER Magic City QRP 11975	V31 JP JOE (K8JP) 7625	WG9 K JOHN 10642
KG8 IX WILLIAM 5261	KCS JEV ERIC (7J1AYH) 1441	K4 JPF PAT 8277	WI8 K DIANE 5053
W2 IX FRANK 3335	KE3 JF PAUL 11960	KI4 JPF TIM 11817	WR7 K GUY 11951
W8 IX DIT 10964	W8 JFB JIM 9761	K3 JPM BOB 2997	WS1 K JERRY 3291
N5 IXA RANDY 10678	KA6 JFF APPLE 9912	VA3 JPM JIM 3827	WY5 K WILL 11322
KA3 IXF BILL 8547	N7 JFQ ROY 7348	K8 JPM BOB 2997	WZ8 K JIM 10546
K0 IXH LEROY 10233	W0 JFR JOHN 11827	VA3 JPM JIM 3827	K1 KAR HERBERT 5908
WB0 IXV DAVE 12082	KD7 JG JOE 5895	KI4 JPF TIM 11817	K4 KB JORGE 8441
N8 IY SAM 10146		K3 JPM BOB 2997	N3 KB KENT 10760
KC4 IYD NANCY 4533		VA3 JPM JIM 3827	N6 KB KEN 7234
KB3 IYM CRAIG 9998		KI4 JQP MEL 11699	KB3 KBC DICK 10565



W9 LUO	MARILYN	11833	WD8 MGO	FRED	4061	N3 MRA	SETH	8654	AF4 NC	TOM	1741
VA3 LV	JIM	9168	AB7 MH	DAVID	2498	N8 MRB	JEFF	11651	K5 NC	WALDEMAR	3356
W4 LVP	BILL	3247	AD5 MH	DAVID	10409	W7 MRC	Mallyby Radio Club	11925	W8 NCK	Sandusky Valley	8200
K0 LVR	COOP	12002	K2 MH	GEORGE	11214	K3 MRG	TOM	11556		ARC	
K4 LW	BOB	8034	N1 MHC	AL	1272	N9 MRG	GENE	10962	WA2 NCT	RICHARD	8022
KD5 LWA	JANE	10488	W5 MHL	JAMES	7072	N7 MRI	GW	7209	KF6 NCX	LARRY	10569
KB4 LWS	DIANE	5651	KA2 MHS	FITZROY	11729	K7 MRK	MICHELLE	11544	KB9 NCY	ROBERT	4131
K0 LWV	LARRY	2589	WD8 MHT	RAUL	5121	K4 MRL	GARY	7618	K0 ND	Theodore	6100
W8 LXC	HARRY	7579	W0 MHZ	FRANK	6703	N8 MRX	RICHARD	9204		Roosevelt ARC	
KI4 LXM	PATRICK	12032	AA8 MI	GENE	0914	K4 MSM	CHARLES	11298	W7 ND	FRANK	8892
N4 LYQ	JIM	11251	K8 MIC	MICK	11193	W9 MSN	DAVID	1263	W2 NDP	DAN	12054
W1 LYQ	C.J.	11696	K9 MIF	WAYNE	4243	W5 MSQ	Houston QRP Club	11025	N1 NDX	STEVE	7288
K8 LYR	JOHN	2312	KC2 MIG	ED	10697	K4 MST	SYKES	10224	KU4 NE	JEP	3967
K5 LYT	ROBERT	11301	WB9 MII	GREG	3347	K0 MT	JERRY	6127	N5 NE	BOB	7397
N7 LYV	JIM	8139	KC2 MIL	RICH	10904	N1 MT	MARK	4652	W2 NED	NED	6908
AE4 LZ	JOHN	8177	N4 MIO	DWAYNE	11356	W3 MT	MOE	10149	N7 NET	SCOTT	8879
KG9 LZ	THOMAS	5769	KB1 MJ	PAUL	6543	KC0 MTC	DAVE	9483	WB5 NET	Southeast	10275
W0 LZ	WIN	11289	KC2 MJE	DOUG	11587	W6 MTC	Morse Telegraph	10350		Louisiana ARC	
W2 LZ	Walton Radio	9100	KD5 MJJ	HANK	8180	AA1 MU	CRIS	1928	AC5 NF	STEPHANIE	3445
	Association		W2 MJN	MICHAEL	10165	AB2 MU	TONY	7282	N5 NF	WATT	2559
WA7 LZI	HANK	11752	W2 MJP	JERRY	4034	K5 MU	JAMES	7315	AAA4 NG	FRED	5280
AE8 M	JOHN	7580	KC2 MJT	NATHAN	12044	WA2 MUX	JIM	11516	N1 NGM	NORMAN	1273
KC0 M	LARRY	2528	W4 MJT	FURMAN	8647	KG2 MV	ALAN	4692	K3 NGN	DAVE	11704
KH7 M	JIM	4563	K3 MJW	Skyview Radio	11625	N8 MV	MATT	8569	W3 NGO	RICHARD	4016
KR4 M	BOB	8553		Society		W8 MVN	ERNEST	1527	N4 NHK	ARCHIE	8451
KS0 M	DICK	3067	N1 MKE	GEORGE	3121	N9 MVO	BOB	8246	VE7 NI	JOHN	7935
KV2 M	MARY	10349	W8 MKR	JAMES	11977	WP4 MVP	RAMON	11824	W2 NI	JOHN	11649
NA8 M	JOHN	10466	K4 MKS	KENT	11732	KA5 MVV	JACK	9948	K4 NIC	LEONARD	4653
NC7 M	MARC	10062	WB8 MKV	DOUG	11488	W4 MVZ	Working Class	7600	K1 NIE	DICK	1215
NK8 M	FRED	6631	KC1 ML	MARK	10293		Telegraphy		N4 NIE	CLYDE	5627
NN5 M	TOM	10324	XE2 ML	MARTIN	11939	K7 MW	RICK	7933	W4 NJK	CHARLIE	0908
NO7 M	AL	8485	K4 MLJ	BILL	8128	K8 MW	RICHARD	9183	KG4 NJT	RON	8645
NU1 M	DAN	1722	K1 MLP	MARK	10457	N5 MW	MIKE	6698	W7 NJU	LARRY	6168
WG6 M	AL	4669	W2 MLS	MARK	11641	KC2 MWJ	TONY	12012	KF4 NJY	BOB	8507
WN1 M	MIKE	9757	KC8 MLY	CALE	8707	WB5 MWL	BOB	12045	W3 NJZ	FRED	10202
WX7 M	PAT	2493	N0 MLZ	AARON	11777	K7 MWP	MARGARET	10540	W7 NK	JACK	6750
WZ3 M	MARILYN	3817	KB5 MM	JOE	10791	WA3 MWR	GEORGE	8893	KC8 NKA	RICH	9119
AB8 MA	BOB	5095	KE2 MM	ED	11749	KD2 MX	PAUL	12042	WB5 NKC	ARLEY	1986
AG4 MA	JIM	11920	KB8 MMA	YVONNE	3461	W6 MX	PAUL	11813	WB5 NKD	PAT	1987
NA4 MA	TOM	4018	N5 MMB	FRANK	3844	W0 MXJ	RUSSEL	7273	N6 NKO	RICHARD	10086
W4 MA	BILL	2623	K6 MMC	MICHAEL	9126	KG6 MXO	JOHN	9961	W6 NKR	MARION	3295
W5 MAI	DARYL	10713	VE7 MMH	MIKE	4773	AF4 MY	JOHN	7079	W9 NLA	MAC	3610
W9 MAL	MAL	4161	KB3 MMI	MIKE	11795	K0 MY	MIKE	10506	N8 NLE	JIM	1756
VE1 MAM	MARK	6213	VA2 MMJ	MARCEL	6906	KD5 MY	PAUL	9362	KC2 NLG	STEPHEN	11971
K0 MAX	MAX	9134	KB2 MMO	MIKE	3228	N6 MY	RAY	6507	K8 NLL	JOHN	11958
K7 MBB	MICHAEL	11911	W4 MMR	MARK	10541	W4 MY	MARTY	10945	K5 NLR	RAY	10357
WB0 MBI	JERRY	9321	K2 MMT	PETER	8502	KC0 MZM	HARRY	11760	KB7 NLW	RANDY	7284
WA0 MBK	BILL	11391	KG4 MMY	GREG	8646	N9 MZP	WALT	6950	K7 NM	LEE	8233
K1 MBX	ROGER	4564	W7 MN	WALTER	8205	WA9 MZZ	DAVID	9284	N9 NM	BARB	4532
K6 MBY	BOB	11459	N0 MNO	DAVE	9994	KB1 N	JERRY	2582	W1 NMF	BOB	8588
WA6 MBZ	MICHAEL	5262	KD5 MNT	TOM	10219	KB7 N	MARK	11533	WB8 NMG	RON	4264
KC4 MC	JAMES	9076	N2 MO	Ocean Monmouth	11400	KM1 N	BILL	10756	W4 NML	BILL	9726
W7 MCC	WILLIAM	10278		ARC		KZ7 N	IAN	10706	WP4 NMO	ANGEL	7344
KC7 MCE	DAVID	8739	W2 MO	Madison-Oncida	8250	NU3 N	CHARLIE	2756	KG4 NMR	STEVE	10564
KD5 MCP	JOHN	11410		County Club		NU4 N	DAVE	2115	N9 NMW	VALERIE	10470
K3 MD	JOHN	5897	K7 MOA	KEY	2456	NW3 N	RICHARD	2504	AG4 NN	LARRY	12027
K5 MDD	JOHN	1957	KC0 MOB	PAT	9554	WE9 N	JOHN	8069	KQ6 NN	THOMAS	5476
N1 ME	Pine State ARC	10725	N7 MOH	HERB	9976	WR9 N	DOUG	9351	W9 NN	BETTY	11458
N7 ME	TIM	7304	WB8 MON	DAVE	10532	WY6 N	CLARENCE	7916	WP4 NNE	Tornado ARC	10475
WB4 MED	JOHN	10516	K7 MOS	CHUCK	5115	AA9 NA	LYNN	3349	KA5 NNG	MIKE	11484
K8 MEG	RICH	1790	WA5 MOT	OSCAR	10568	K8 NA	TED	1415	K0 NNN	ZED	7360
W8 MEG	HELENE	2990	W4 MOW	JERE	9226	KK5 NA	JOE	3517	KG4 NNN	DOUG	8684
K2 MEN	DON	11067	W1 MOZ	BOB	4041	K7 NAA	JENNIFER	11359	AA4 NO	BILL	1729
K6 MES	MATT	3371	AB7 MP	MARK	9582	KB3 NAF	DON	12067	KB1 NO	JOHN	11707
KC8 MFF	ROBERT	11781	W1 MP	LINDA	3847	W2 NAF	NATE	11828	K6 NOF	AL	2956
N6 MFH	JOHN	8580	W0 MPR	GREGG	8584	WA2 NAF	FRANK	2431	KD6 NOF	BUD	2321
N8 MFN	RICK	11412	KA8 MPT	JOHN	9552	N6 NAX	DONALD	8884	W8 NOT	KEN	1476
VE3 MFN	RICHARD	6922	WA5 MPW	EVELYN	8772	VE1 NB	BRUCE	8659	WA6 NPC	BILL	9141
W0 MFQ	TOM	12009	KD6 MPY	SEAN	10280	KF4 NBG	JIM	10535	KA7 NPI	TOM	10755
N8 Mfy	HAL	2473	K3 MQ	BOB	11194	KG4 NBI	CHRIS	10586	W2 NPN	PHIL	1988
AE4 MG	BARBARA	2018	W4 MQB	JOHN	10768	KC7 NBM	PAUL	2334	WA2 NPP	Rutgers Univ. AR	8150
N8 MG	MARTY	1760	K4 MQM	BARNEY	5253	W4 NBS	TOM	6121	AB7 NQ	DAN	11183
K4 MGA	MARK	6942	N1 MR	MARK	4212	KA9 NBU	TOM	8882	KR4 NQ	RANDY	8283
K6 MGO	BILL	9253	N8 MR	MICHAEL	3877	AB6 NC	BOB	11171	W5 NQ	DOUG	2100

WB0 NQM RICK	10510	NE1 OB GREG	11009	KA8 OQF CHARLIE	1478	W0 PC RICK	7263
N0 NQP BOB	7251	W7 OB BYRON	5795	K9 OR RANDY	10932	WS3 PC WAYNE	11268
KJ7 NR STEVE	1530	KC2 OBS JANE	11706	K4 ORD RILEY	4272	K5 PCA PERRY	11102
W6 NR NORMAN	5074	KC0 OBU DAN	9460	K8 ORD KENNETH	10796	KB0 PCI WAYNE	4342
N2 NRA CLIFF	11147	AC5 OC DALE	4210	KB9 ORH KERRY	11447	AE4 PD WENDELL	5854
WA3 NRC HAROLD	4477	W9 OCP DENNY	6923	N7 ORS RICK	8202	AF4 PD JOHN	7592
KC2 NRQ JAY	11869	WA6 OCP NEAL	10992	AB8 OS DONALD	9108	N4 PD PAUL	7956
N8 NRT BILL	11644	KC4 OCS DON	1224	AD4 OS KEN	1787	W1 PDI TOM	11434
W1 NRX ARMAND	10344	WD8 OCV DON	1508	W5 OS JOE	1962	WB2 PDW VINCE	6957
AF4 NS JIM	1981	KE4 ODE FRED	2309	KC0 OSB SIDNEY	10212	K1 PDY RON	6929
VE7 NS RON	9151	N7 ODM BOB	8655	WB5 OSD BOBBY	11411	NH7 PE IRENE	11580
WA3 NSR BOB	3396	K8 OE JEFFREY	5181	KD5 OSI DENISE	8449	K5 PED PAUL	10030
K4 NSS BOB	6245	NM0 OEJ MIKE	8259	N2 OSL JAMES	8102	KB7 PEF STEVE	11521
K9 NSS GARY	2534	W2 OEJ ARNOLD	7403	K4 OSO MLT	11383	W5 PEH PETE	11907
K5 NT DAVE	7409	WB7 OEM CHARLES	2599	WB0 OSP KEVIN	5939	K9 PET MARC	9959
N9 NT JIM	3460	N4 OF DAVE	11862	WA7 OSQ ART	11847	8P6 PF PAUL	5630
W2 NT BOB	8476	N9 OF PETER	4720	KS4 OT JIMMY	1903	N6 PFF LARRY	11506
W0 NTA DICK	9925	W5 OF JACK	8567	N1 OT DAVE	8087	WA5 PFJ JOHN	11872
N2 NTO BOB	1004	KB2 OFC PETER	7402	WA3 OTC CHARLES	4145	W7 PFZ PHIL	9158
W2 NTS ED	2087	KC0 OFK DAVE	9535	N2 OTG BOB	3690	W3 PGA Aero ARC	11525
N1 NTZ ED	3898	KA8 OFP CHUCK	5687	W8 OTO SCOTT	10983	K7 PGL RANDY	3858
K8 NU CARL	9439	WA1 OFT TOM	5957	VE3 OU ERNIE	9344	KF6 PGY MIKE	10788
KB6 NU DAN	9342	WA8 OFU BOB	12112	N3 OUE JOHN	2011	AB8 PH MARIAN	8248
N7 NU LEE	6126	AG4 OG HENRY	8714	WA0 OUR NORM	5360	N4 PHH FRED	8025
K3 NUP ROBERT	5198	KB5 OG LEE	10969	KB0 OUT PATRICIA	4146	K4 PIC LARRY	12096
KC7 NUP KELLY	2432	KD5 OGG DAVID	8777	KA8 OUU SANDY	5740	K3 PID RON	7464
W5 NUT GIL	11655	KB5 OGN MIKE	5954	KB0 OUV TIMOTHY	4147	VE2 PID PIERRE	10215
AC4 NV ORVILLE	5467	KG4 OGN ALEX	11763	W7 OVG HERB	4349	W1 PID JIM	6760
N0 NV JACK	10581	K5 OGX PHIL	8638	WA2 OVT ROBERT	1472	W8 PIG Flying Pigs QRP	7373
K4 NVJ JOE	9379	KK7 OH JOHN	5374	K4 OVW BEN	6110	N6 PTY PAULA	11505
W5 NVK ERNIE	4226	N2 OH LARRY	7003	KN6 OW BRYAN	10507	KK5 PJ DICK	7650
N5 NVP JIM	11040	W4 OHA BOBBY	8771	N1 OW DICK	11305	WB2 PJH DAVE	11761
K8 NVR ED	7957	K5 OI TIM	1954	W5 OW BEVERLY	3188	WA2 PJI JOE	4536
N9 NVV LEE	1728	N8 OI GARY	2359	W9 OW JOHN	5429	KD7 PJQ SCOTT	12051
W0 NW BRIAN	7096	VE2 OI PIERRE	9529	K6 OWL OWL	8555	K2 PJT AL	11773
K1 NWB CHARLES	11279	W6 OI 10-10 International	8700	WB8 OWM SKIP	2415	N6 PJZ BENJAMIN	6855
KC8 NWB ED	7468	KE6 OIO ANN	3364	K4 OWN SHERRILL	1701	K4 PK DON	4492
K3 NWD BILL	7594	N4 OIZ DONALD	7817	W8 OWN GEORGE	9192	K9 PK RICH	7256
K8 NWD TIM	4084	N0 OJ RYAN	11628	W6 OWP BART	3372	N8 PKC GEORGE	6974
KC5 NWS HF LOAFERS	4950	WB6 OJB ARNOLD	11592	AE6 OX BOB	7533	WD8 PKI LARRY	2748
N3 NX RALPH	5066	WB5 OJF ALFRED	11071	KA1 OX WAYNE	2489	N2 PKP MARK	1249
W0 NX KEITH	4354	WA2 OJN WILL	2468	KJ7 OX BRIAN	1575	N1 PKS DAVE	5725
KD5 NXH VINCE	8614	W7 OJT DAVE	4304	W5 OXX FLOYD	11224	K8 PL PAUL	11988
WB9 NXY MIKE	11771	AL7 OK JOHN	7890	W4 OXX CHAS	6283	K9 PL PHILIP	6753
AE6 NY BEN	11353	K0 OK BOB	11217	N4 OXZ ROGER	2927	W1 PL LESLIE	5104
AG4 NY BRUCE	6911	N4 OKG AL	8421	K4 OZF PAUL	10273	W2 PL PHIL	11272
K0 NY CLARE	6335	K4 OKK DAVE	9557	N1 OZL RON	9452	KB9 PLB STEVE	9771
K3 NY NICK	3549	W3 OKN MERLE	1281	WB8 OZX MAC	4218	N4 PLK CRAIG	9241
K5 NY STAN	10949	W8 OKN SEAN	11181	AL2 P MIKE	11917	KB2 PLW RANDY	2348
N3 NY JOE	2025	K3 OKR ROBERT	7008	KC2 P RON	11961	K9 PLX CHUCK	9315
K9 NYO ROB	11684	KO4 OL GLENN	6583	KF2 P NICK	3199	KC7 PM TED	8235
AA1 NZ TOM	4725	KB9 OLD STEVE	4609	K10 P MIKE	11277	K17 PM BOB	11292
KA6 NZB SLATS	8206	K6 OLE NORM	7013	KK3 P BOB	5184	KT4 PM JOSEPH	4142
WB5 NZP CHUCK	9364	KN6 OM ERIC	5231	KM4 P BILL	8216	N3 PM JOE	1268
KA3 NZR HARRY	11316	KT4 OM BILL	7035	KO7 P DOUG	11477	K9 PMN PETE	11429
AK7 O JACK	5019	KX4 OM TED	11818	KR8 P BRAD	7292	K4 PMT HUEY	10174
KD4 O PHIL	8601	W5 OM HOWIE	1456	KZ7 P RON	8209	K9 PMV GERRY	10508
KF1 O KEN	8796	KB8 OMG BARRY	7083	NA4 P FRED	6967	K0 PN JOHN	3804
K13 O ROBERT	9185	K7 ON BRIAN	11832	NU9 P FRED	6354	W8 PN HAL	4998
NA4 O MARK	10158	KM5 ON SCOTT	10733	NW3 P ALFRED	11548	KA5 PNE YISRAEL	11245
NZ3 O BYRON	8224	WB7 OND RICHARD	7497	P43 P JACOBO	6500	W3 PNL JOE	3569
WB7 O FRANK	5833	K2 ONP GEORGE	11643	WO1 P JIM	11518	KC6 PNX PHILLIP	6246
WC3 O ROBERT	10933	W0 ONU JIM	2445	WS4 P AL	10120	W5 PNY HARRY	4343
WF4 O FOSTER	9353	WA4 ONV JOE	10551	W5 PAA Aeronautical Center ARC	11575	VE3 PNZ FRANCO	6180
WF6 O RICK	7495	K0 OO JEREMY	11856	K5 PAX HARVEY	10946	K1 PO PETER	5946
W16 O JOHN	12110	N3 OO BOB	8117	K9 PB PETE	10145	NY2 PO PATRICK	8197
WQ7 O DENNIS	11926	W0 OOW STEVE	7808	KG4 PBG RICHARD	11945	K5 POA JIM	7062
WU7 O GREG	11953	W1 OOW VINCE	11912	W4 PBG CHIP	6517	W7 POE GEORGE	5656
WV3 O JOE	8687	KO4 OP MAC	8156	W6 PBK PHIL	8826	KF6 POU MIKE	7809
WX4 O JOHN	11888	N5 OP KIM	11093	W4 PBL FRANK	3430	AB4 PP JOHN	10261
N0 OA JIM	8264	W6 OPO BOB	10292	W8 PBO ART	0866	K8 PP FRED	1495
W4 OA MITCH	1467	KB4 OPV JERRY	2974	W8 PBX AL	4528	KB4 PPE BILL	9724
WA4 OAB BOB	9187	KG6 OPW ALEJANDRO	11740	K3 PBY CHUCK	3634	KC0 PPH KEITH	11142
KB6 OAJ BILL	5763	K3 OQ JEFF	10966			W9 PPK KEN	5120

K0	PQ	STEVE	8279	WB7	QEB	GAYE	4176	N5	QVF	DARIO	11044	KA1	RFD	RODNEY	11589
K2	PQ	FRANK	6273	KD5	QEF	NICK	9542	N1	QVN	BILL	6966	W3	RFQ	KEN	11479
W0	PQ	DAVE	11511	W8	QEJ	FRANK	12057	KA9	QWC	DON	5668	AC7	RG	BUZZ	9526
W6	PRL	DAN	10226	K3	QEQ	BILL	7664	K4	QWF	Oscar Russ Chambers Memorial ARC	11425	KF2	RG	GEORGE	2043
KB9	PRT	FRED	10763	W1	QF	TERRY	7221	W08	QWR	PHILIP	6514	W1	RG	GIL	8462
WA5	PSA	BRAD	11045	N2	QFD	MALACHI	10680	N0	QX	MARTIN	11512	W9	RGB	VICTOR	11629
N1	PT	DAVID	2560	W0	QG	RUSS	7680	W5	QXM	BEA	6578	WA0	RGV	BUD	3991
N8	PT	ROBERT	6357	KC7	QGC	JIM	4159	K8	QY	BUZ	7407	N1	RGP	GORDON	8153
K5	PTC	PESKY TEXAN CONTEST CLUB	9725	KC7	QGE	VERN	3819	N1	QY	RON	2968	KA4	RGQ	KEITH	11243
W0	PTI	BOB	9148	KG6	QGM	PAVEL	10485	KA5	QYR	JOHN	2488	KC5	RGQ	PAUL	3155
WD4	PTJ	PRESTON	6629	AD5	QH	BRUCE	10660	AG4	QZ	MAURY	9741	K4	RGR	JIM	9209
KB7	PTK	JASON	4331	AE6	QH	JERRY	10627	AG4	QZ	MAURY	9741	AA6	RH	ROBERT	4421
K4	PTT	DUANE	3494	W6	QHD	JAY	9774	KO6	QZ	DENNIS	4032	KC9	RH	DAN	11227
K4	PTU	WYATT (Pete)	2178	WA3	QHJ	PAT	6148	N2	QZ	NICK	11469	KB8	RHG	SARAH	1418
KC5	PTX	ISSI	10663	K9	QHO	MIKE	3988	W9	QZ	RICK	4782	KL7	RHJ	BILL	7920
WA3	PTY	AL	3151	KG6	QHP	JIM	10635	WA2	QZD	STEVE	10677	WB0	RHJ	JAY	9338
N3	PUR	MIKE	3131	KD5	QHV	BERNIE	12047	WA0	QZK	JACK	9930	AA0	RI	CHUCK	2982
N9	PUZ	TIMOTHY	11464	AB0	QI	LARRY	8790	N2	QZQ	JOE	2636	AD5	RI	JIM	11427
WA8	PVK	RALPH	8630	WA0	QII	ROD	11309	W5	QZT	JACK	11280	KG0	RI	CHARLIE	1482
N1	PVP	MARINO	1770	KA2	QIK	PHIL	3504	AE4	R	MIKE	10141	W9	RIG	RALPH	10361
K7	PVT	BOB	8583	K5	QIQ	KEITH	2946	KB0	R	LARRY	7416	K4	RIW	JOHN	9317
WB0	PVU	TOM	8467	K2	QJ	BOB	6163	KB6	R	ROBERT	10167	KB8	RIY	THOMAS	11903
KF6	PVY	MIKE	10334	KD5	QJA	DARRYL	8594	KG4	R	BILL	6881	VA3	RJ	DAVE (ve3jdr)	6196
WA1	PW	PER	8154	KF6	QKI	RICHARD	7578	KS7	R	JOHN	11354	W5	RJ	ROY	3137
KG4	PWC	LEO	11236	WA6	QKN	DENNIS	11143	KU4	R	BOB	7268	K5	RJB	DALTON	11522
K9	PWK	PAT	7287	AA2	QL	FREDDIE	4054	ND3	R	PAUL	11390	WB2	RJC	BOB	8709
W8	PWP	TONY	8812	WB8	QLA	BOB	6350	NV5	R	CARLA	9524	K0	RJL	DAVE	8844
WA9	PWP	PAUL	2153	N1	QLF	MARGIE	1533	NZ0	R	CRAIG	11668	W4	RJP	BOB	11799
WB9	PWQ	DICK	11743	W5	QLF	JOE	10553	WF0	R	WAYNE	11216	W4	RJR	SPENCER	11326
AE6	PX	DAVE	11278	N1	QLL	JERRY	7358	WN3	R	RICHARD	6814	AB8	RK	JACK	11066
WA6	PX	JIM	8802	W7	QM	AL	4017	WU0	R	WILLIAM	11842	AC7	RK	BOB	5499
N3	PXF	ERNIE	9282	W9	QM	ROY	10089	WU7	R	CI	10789	KU9	RK	TOM	11237
W7	PXL	Radio Valley Club	8800	KB5	QMG	BOOKER	12024	WW9	R	PAT	11062	W6	RK	RISTO	10908
W6	PXM	JIM	7361	W1	QMK	RICHARD	1700	KC4	RAK	GARY	8715	W6	RKD	HECTOR	11448
KC0	PXP	DON	12022	K6	QMT	KARL	9493	KC8	RAN	JOE	8526	KB9	RKI	JERRY	8603
KF4	PXW	HOMER	6310	AA3	QN	DANA	11784	N8	RAR	WAYNE	2716	VA3	RKM	BOB	11797
K0	PY	MIKE	5323	KF6	QNC	KURT	7231	KH6	RAT	Pacrat ARC	11370	K4	RKN	JOHN	9922
WB0	PYF	RAYMOND	7986	W6	QNE	BYRON	10920	N4	RAY	RODNEY	12016	KC7	RKR	DENNIS	3070
WA9	PYH	JIM	11218	WA9	QNN	RON	11877	AC7	RB	MARK	9982	K5	RKS	ROGER	9578
KC0	PZD	BOB	10318	KA3	QNO	JIM	4606	W4	RBO	JON	11898	AE4	RL	LEE	11726
K6	PZE	DICK	3451	AC6	QO	CLAIRE	1992	K8	RBW	DICK	11111	KJ5	RL	JOE	7583
K4	PZL	JOHN	12113	K4	QO	RANDY	2361	KD0	RC	LEN	8710	K4	RLC	BOB	9137
KA1	Q	CHESTER	7280	K7	QO	CHUCK	1716	W7	RCK	ROCKY	11018	W6	RLF	PAUL	8581
KU1	Q	WALT	5317	KO4	QO	GEORGE	5641	W5	RCP	RON	6259	W4	RLG	ROGER	11610
NA5	Q	ROLAND	8622	N8	QO	KEITH	4648	K0	RCR	BOB	7637	W6	RLL	JOE	11027
NB7	Q	NEIL	4545	W4	QO	JIM	7499	WA4	RCW	RON	9597	K8	RLS	ROBERT	10157
ND5	Q	MITCH	10185	W8	QOI	RAL	7973	K6	RCZ	RANDY	9599	K1	RMF	BURTON	6267
NQ4	Q	JOHN	5874	K4	QOJ	BILL	11358	N7	RD	RON	2714	WB0	RMK	SMARTS (SW Metro Am. Radio)	10550
NU6	Q	PETE	1022	KL7	QOW	MIKE	6114	KD6	RDO	GLEN	2788	WA3	RML	ANDY	9449
WD8	Q	HENRY	10010	AB8	QP	JODY	10087	WB6	RDO	BUD	7411	W4	RMM	BILL	3495
WB8	Q	TERRY	5721	N6	QP	BILL	4583	K0	RDS	DICK	2510	KB3	RMX	MIKE	11361
WM4	Q	ROB	7654	W9	QP	JOHN	8535	AC7	RE	JOHN	10452	AC4	RN	TOM	11844
AA3	QA	FLOYD	3281	N2	QPJ	CARL	8272	N4	RE	RICK	8806	KU4	RN	RICHARD	7355
K3	QA	RON	1504	K1	QQ	KENT	4437	VA3	RE	BOB	11384	WA6	RND	JOHN	3944
KS	QA	MIKE	4989	W8	QQQ	Shiawance County Amateur Radio Cl.	11325	W5	RE	BOB	10708	N6	RNP	ALAN	3147
KK5	QA	BARBARA	4476	WB6	QQR	STEVE	8023	WA6	RE	ROB	3462	W6	RO	Queen Mary Radio Room	9350
N4	QA	BILL	5176	W0	QQS	BRUCE	10690	K1	REB	SUE	9743	N4	ROA	DAN	3407
W5	QAP	DAVID	8152	WB0	QQT	STEVE	4239	K4	REB	REB	9742	W8	ROG	KEN	0924
AD5	QB	KEN	11210	K6	QR	Quantum Reality Radio Society	12075	K9	REB	REB	9744	K3	ROJ	AL	4754
W9	QB	HILL	8801	N4	QR	BOB	6856	KA5	REJ	MIKE	10444	VA3	ROM	ROBERT	3589
WB7	QBC	JOHN	2796	N7	QR	RUSS	8155	KD7	REM	CHRISTOPHER	11867	K7	RON	RON	3237
W3	QBK	STAN	5773	W6	QR	WILLIAM	1252	KE4	REM	RON	5983	K3	ROO	GEORGE	10123
W2	QBR	DOC	1996	W9	QR	LARRY	1474	W0	REB	DAVE	10608	KF6	ROX	HERB	5887
KB5	QBU	DON	2750	AC7	QT	EARL	9749	WA1	RES	Penobscot County Club	11075	K2	RP	RON	9301
NA3	QC	North American QRP CW Club	11900	K1	QT	BOB	6104	WA5	RES	LARRY	12028	KI0	RP	DAVE	7440
WA1	QCE	RON	9927	KG2	QT	TOM	11577	KC0	RET	GREG	10615	WQ3	RP	MarylandMilliwatt	5059
K7	QCK	JIM	11211	KG5	QU	DAN	8559	WB4	REX	CHARLIE	11128	WB0	RPA	KID	5825
N4	QDA	MALCOLM	10724	N0	QU	MARK	11284	KA2	REY	VIRGIL	10533	KA9	RPR	PAUL	1485
W4	QDX	REX	11426	N7	QU	GEORGE	3017	K4	RF	STEVE	9190	KB2	RQA	PHIL	7568
AA9	QE	MIKE	4677	W0	QUF	RALPH	10777	KH0	RF	BILL	11468	KD7	RQF	TOM	11974
W6	QE	MILT	11829	W2	QUV	HOWARD	10036	KK4	RF	MARTY	8009	W9	RQG	VIC	10398
W1	QEA	JOHN	8240	K9	QVB	JOHN	1047	WB8	RFB	JOHN	6844	N8	RQJ	HAROLD	11286



KB0	RQN	CHERYL	2092	WA6	SAQ	RON	7260	KC0	SOG	DOUG	11857	WB2	SKY	BILL	7222
N7	RR	BRUCE	10539	KD6	SAU	DOUG	8784	K5	SOH	JIM	6876	AA4	SY	RUSS	10574
W1	RRC	West River Radio Club	11450	KA1	SAW	NEAL	7036	W7	SOM	JOHN	9358	KB9	SYI	BILL	10603
W1	RRD	DICK	10478	AA3	SB	ROBIN	5424	KB8	SOU	DANNY	7813	W3	SYR	BOB	3058
VA3	RRN	BOB	10447	AB0	SB	PAUL	8519	WA9	SOV	MILT	8733	KA6	SYT	TERRY	11788
W1	RRP	DICK	9971	K2	SB	STEVE	1462	K4	SP	STEVE	9383	AA1	SZ	DALE	11792
K7	RRR	DICK	5448	N1	SB	STEVE	7330	KI0	SP	JEFF	6353	KD7	SZE	GLEN	8837
W7	RRR	MELODY	3093	VA3	SB	SERGE	8241	VE3	SP	RON	5923	W0	SZF	VERLE	4014
KC0	RRS	BRUCE	11689	WA6	SBB	GALEN	2394	KG4	SPA	TONY	11180	K1	SZK	FRED	1020
KG4	RRT	BILL	9503	W6	SBE	DAN	8052	K4	SPC	St. Petersburg College ARC	11566	K5	SZN	BOB	6608
N0	RSB	JAMES	7291	VE3	SCA	Algoma Senior's Electronic Communicators	10025	VE7	SPL	PETE	8088	K8	SZN	EDWARD	4156
N3	RSD	FRANK	2411	KB8	SCI	STEVE	7398	VA3	SPN	CHARLIE	8832	W0	SZP	RICHARD	11372
W0	RSD	NORMAN	11553	W0	SCI	Science Center of Iowa	11475	KA7	SPS	DICK	12013	WA8	SZT	CHUCK	12098
K5	RSJ	RICH	10340	WA1	SCI	DAVE	10492	KG6	SPV	TIM	11024	A15	T	GARY	7687
K2	RSK	PETER	6366	W1	SCW	SHAWN	5783	W9	SQ	PETER	11254	KB4	T	FRANK	10283
W9	RSR	ROBERT	11319	K7	SCX	FRED	9553	W5	SQA	BOB	8745	KD7	T	FRED	11476
K2	RSS	RICH	7093	K6	SCY	BASIL	7227	N5	SQL	GREG	9504	KM9	T	DALE	10605
KD5	RSS	BUTCH	9905	N6	SD	SAM	10557	W6	SOQ	ROGER	10467	KS8	T	KEITH	11037
W2	RST	BILL	8752	WA2	SDS	MICHAEL	12017	KB2	SQT	DON	6210	KU8	T	THOMAS	10163
W5	RST	PETER	7290	W3	SE	WES	9566	AB0	SR	JESSE	10473	ND2	T	TOM	8648
KS4	RT	BARRY	11508	W0	SEB	KEN	7381	W2	SR	BOB	9139	NN6	T	GLEN	12101
W4	RTE	JOHN	10591	N9	SEL	TED	7272	WJ4	SR	JACK	11118	NU6	T	RICH	10017
W1	RTF	RANDY	12089	KB2	SEU	MARIO	7239	KB9	SRI	JIM	6157	NU7	T	STEVE	4676
N0	RTU	MIKE	2305	WA6	SEU	PHIL	8106	KC8	SRJ	JUNIOR	10698	P43	T	TONY	5056
W4	RTW	JACK	4277	K1	SEZ	PAUL	11393	KB8	SRM	DANIEL	10277	WB0	T	GERALD	3807
K06	RU	CLAUDE	2150	N9	SF	BOB	5008	WA2	SRO	RALPH	5077	WC5	T	Williamson County Amateur Radio Cl.	8000
KA4	RUR	FRED	12095	W2	SF	BOB	11294	W1	SRR	BUD	11727	W16	T	REX	11303
AA8	RV	MIKE	1046	W5	SFL	GONZALD	9414	KB9	SSB	JIM	7960	WO7	T	MARK	10064
AE4	RV	GEOFF	10626	KF4	SFW	EDWARD	11719	K4	SSC	GEORGE	3090	WP2	T	MAGGIE	1287
K1	RV	PI	7012	N1	SG	STEVE	1450	VE6	SSC	Edmonton Adysium Amateur Station	9950	WR1	T	DAVID	10580
KE8	RV	Madison County ARC	10950	W6	SGJ	DICK	3627	N4	SSD	FRED	11757	WU9	T	DON	11741
KG6	RVF	MICHAEL	11463	W4	SGN	DON	11780	KS9	SSS	Family Radio Club	11050	AE6	TA	RICHARD	4233
W7	RVR	DENNIS	9264	KG4	SGP	JIM	11038	K4	SSW	CHARLES	10223	N9	TA	JOHN	2301
KE4	RVT	DWAYNE	10652	W6	SGT	JIM	6269	KS4	ST	REINHOLD	7861	W5	TA	RICHARD	7889
WA2	RVT	JEFF	5688	AC5	SH	TIM	5654	KT4	ST	ARNIE	2940	VA7	TAP	PAT	11235
KA0	RVV	MARK (on9cvt)	8026	W2	SH	CHARLES	5040	N4	ST	JIM	4285	N7	TAU	MONTE	7507
KA1	RVV	TOM	2169	K2	SHN	JOHN	9357	NK3	ST	USS TORSK	6600	W5	TB	DOC	5365
KC8	RVX	DAN	11884	NN3	SI	The Smithsonian ARC	11333	KK8	STA	St. Antoninus School Radio Club	7850	KB0	TBK	NORMAN	12111
WA4	RW	RONNIE	11835	WA2	SI	BERT	9384	W6	STN	GARY	9993	KA9	TBU	MAUREY	11409
W1	RWB	RAY	6893	W9	SIO	DAVE	5828	KC0	STQ	TOM	11597	AA0	TC	LES	7940
WA6	RWI	WALT	7321	VE7	SIS	DONNA	4968	KA1	STU	BEN	2113	K0	TC	RON	10722
KB9	RXE	NEAL	11633	WN7	SIU	KENNETH	11005	W6	STU	GLEN	3631	K1	TC	TOM	11709
K9	RXK	ANN	6947	WB8	SIW	JIM	6736	K7	STU	BILL	3921	K3	TC	THOMAS	7489
KB5	RXL	MARK	7243	K1	SJ	SIDNEY	11599	W4	STX	BILL	3921	K5	TCC	Tarrant County College	7400
KD4	RXO	KEITH	2073	W6	SJ	RANDY	10556	K7	SU	KELLY	12040	K1	TCI	ART	8436
KA8	RXW	LEE	11131	KA2	SJG	JACK	3363	KQ6	SU	DAVID	11738	KC7	TCK	CARROL	4558
KC0	RXY	GENE	11809	VE7	SJK	STAN	8079	NM5	SU	MIKE	11199	W8	TCM	Cherryland ARC	6800
N3	RY	ROY	3544	W9	SJV	JOHN	10004	W7	SU	OGDEN ARC	7001	KB0	TCY	RICK	3023
W8	RYB	BOB	9955	N2	SK	BILL	11593	N6	SUZ	TIM	11694	KS4	TD	BOB	4760
WB5	RYB	BILL	5021	KA7	SKM	CAROLYN	3261	AB2	SV	DICK	11520	KD7	TDC	CHRIS	11946
KC7	RYE	DON	3559	N2	SKP	SHIRLEY	11811	AB6	SV	DAN	12018	N7	TDK	BILL	11357
W4	RYW	GILL	8484	K4	SKY	STEVE	11138	N2	SV	STEVE	2104	K8	TDM	TOM	7983
N0	RZ	CHARLES	3186	N2	SLB	BOB	2658	KB7	SVA	DAVE	1549	N8	TE	TOM	5302
VE3	RZ	TONY	5044	WA9	SLT	ROBERT	11730	VA2	SVP	GUY	7048	W5	TEN	WADE	2723
KA9	S	JEFF	6352	N2	SLW	JOHN	7293	W4	SVP	STEVE	4456	VE3	TEU	NIELS	11440
KE4	S	DAVE	9731	KG4	SME	BUD	11639	KB6	SVR	HLO	4996	K8	TEZ	LARRY	9709
KF7	S	KEN	7069	WA8	SME	MARK	7949	K5	SVS	PHIL	6828	WA2	TFA	LLOYD	11558
KN7	S	CRAIG	9717	AA8	SN	HOPE	4988	K1	SW	DICK	8721	K7	TFW	DON	4050
KV6	S	JIM	9456	K1	SN	JIM	11435	N9	SW	GENE	1202	K1	TG	ROGER	10462
NC3	S	PHILIP	7969	W0	SN	CURTIS	6334	K6	SWF	STEPHEN	11739	NH7	TG	DAVE	11368
NC4	S	GARY	3834	N4	SNB	ALFRED	11538	W2	SWN	MARTY	6731	XE2	TG	MARCO	7985
WA1	S	ANN	8254	KA5	SNG	SAM	8432	WN1	SWR	TED	2490	W0	TGB	MARK	11324
WA9	S	KEN	1711	WB8	SNH	RICHARD	8759	K2	SWZ	BERNIE	0748	KG6	TGI	ROBERT	11232
WB2	S	ELIOT	11586	KG4	SNP	DAVE	9534	AB0	SX	HARRY	11042	AA3	TH	JOE	10453
WC7	S	DALE	11074	W2	SNX	SAM	11807	KB7	SX	BOB	7438	AA9	TH	GENE	2388
WX4	S	ED	1516	WA7	SNY	DICK	2553	KD6	SX	GEORGE	5288	K9	TH	TIM	11373
WZ8	S	TOM	11963	K1	SO	JERRY	6340	KA9	SXH	TERRY	2616	KG6	TH	AL	9336
K1	SAM	SAM	2689	K5	SO	CARL	2782	WA3	SXU	LEWIS	11759	N9	TH	RICHARD	7479
KC5	SAM	VIRGINIA	2911	VE3	SO	PETER	4559	W5	SXV	GENE	11849	W6	THB	BENNETTA	10310
VA5	SAM	SAM	9934					W6	SXX	ROGER	10463	W6	THD	ART	9375
N5	SAN	FRANK	5345					KG6	SKY	TONY	10681	KB8	THF	RON	7331
WA0	SAP	DAVE	11731									K1	THP	DAVE	11701

KA3 THS PAT 3816	K1 TU BOB 11931	K7 UD DEE 7299	KE6 US ERIC 11352
AB7 TI JIM 10445	KM6 TU SLIM 7383	KL1 UD CRAIG 12080	KE4 USA ERIC 2045
N8 TI JOE 1016	N9 TU JERRY 2176	N8 UD BUD 2369	WA1 USA Pawtuxet Valley 8400
W4 TI DIEHL 8127	W6 TU BILL 10213	WB2 UDC BOB 8192	Am. Radio Club
WB0 TIL STEPHEN 11937	W7 TU Utah's Dixie DX 9475	W6 UDO JOE 9995	K1 USN USS SALEM 9239
KA5 TIW JIM 11883		K4 UDT AUBREY 11934	RADIO
WB6 TIX ERIC 10799	KA5 TUF BILL 1430	K4 UE DON 8116	KG4 USN KEN 11334
K8 TJ TIM 10180	KG4 TUM JIM 11562	KT4 UE KEITH 3256	N6 USP BOB 12003
N8 TJE TED 8667	KA0 TUP HENRY 8263	KF6 UEB RICK 5814	K5 USS CHARLIE 11234
W4 TJE JACK 11296	W0 TUP NELS 8610	N0 UEP KEN 5258	KB9 USX MELVIN 6692
K8 TJM TERRY 7308	WA3 TUU RICHARD 11001	KB9 UF /ve3nrb NORM 8757	K8 UT LARRY 8227
WA4 TJS ZACH 11219	KG4 TUY DAVID 11885	N0 UF BOB 6769	KK7 UT DON 8611
W5 TJW BILL 2057	K6 TV TOM 4201	K3 UFG DAN 8255	W5 UTK PHIL 8728
W7 TK EARL 11021	KB9 TVD MARK 7377	K2 UFO ROBERT 11695	N9 UTQ GENE 10104
KD7 TKI DAVE 11549	KC4 TVN GEORGE 8770	W0 UFO MERT 3823	K4 UTY FORREST 9541
KE8 TL GARY 8851	KA0 TVO BOB 10664	W8 UFO SCOTT 9401	AA8 UU JOHN 3343
W4 TL TERRY 11609	WA9 TVS DON 12074	K4 UFS RICHARD 4247	AD5 UU PAUL 11808
KD5 TLC FRANK 11790	KC8 TVW STEVE 10543	KG8 UG CHARLES 7979	KF0 UU DON 3651
N9 TM TOM 11579	N5 TW TOM 4422	N7 UG JOYCE 2381	VA3 UUA JACK 2517
G7 TMG /W7 SHOLTO 11714	N8 TW TED 3386	K8 UGL DICK 2172	KB4 UUA DORRAIN 11177
W4 TMM TERRY 7649	W4 TWB RAY 1487	K0 UH JUDY 7515	KC8 UUG JON 12037
KB8 TMR ESTHER 3039	K4 TWJ DAVE 1435	K4 UH Med Wireless 12100	N9 UUI BOB 2402
W8 TMS ART 2184	WA2 TWS ROY 2903	Society of Bay Pines	W4 UUU ED 4273
N9 TMU CLAY 8258	KG6 TWU RON 10990	N7 UH BT 12038	AA3 UV DON 10155
WA4 TN JIM 9962	W4 TWW JOHN 12103	N2 UI TOM 8140	W1 UVJ LARRY 8678
WB7 TNH JOSEPH 5666	KG4 TWX ANDY 10517	W2 UI TIM 10910	K8 UVU LEN 6572
KC0 TNL BRIAN 12071	N1 TX LARRY 5711	W8 UI DAVID 10112	N8 UW CHUCK 9348
W9 TNN GEORGE 9434	WR7 TX WARREN 12064	WA6 ULJ MIKE 11708	W9 UW RON 3412
KC7 TNT JOE 4213	KD5 TXD PAT 12066	N1 UUY ROGER 6105	WB0 UWL BILL 6177
W5 TNT PAOLO 7217	WB8 TXG SAM 10429	W4 UJ The Henry Felton 11600	KC0 UWS BRANDON 11916
W3 TNU RABE 10203	K4 TXJ JIM 1448	Memorial Radio Cl	N8 UX RICH 5605
W8 TNZ HENRY 6607	KC0 TXO RICHARD 12043	WB7 UJE FRED 10363	N4 UXA BRYAN 10216
AB7 TO DAVE 9957	K1 TXU SKIP 1958	KG4 UJI ALESHA 9533	WA4 UXJ Central KY ARC 11150
AC6 TO STAN 2695	KD5 TXW MATT 9729	WB9 UJS MARK 11853	AA1 UY ROB 8260
KB8 TO BILL 4513	KA4 TXY DAVID 12092	W6 UJX JIM 3002	K2 UY KEN 3980
W9 TO JIM 11119	KB8 TXZ JIM 11603	N8 UJZ MIKE 1571	N4 UY JAKE 3450
K6 TOB RICHARD 10166	AB5 TY LEA 1563	K4 UK STAN 2934	W0 UY TOM 8632
WB7 TOB MIKE 8855	AE6 TY WARD 11845	K15 UK HARRY 2182	W3 UYC GEORGE 5114
WA4 TOJ MARVIN 3224	N7 TY BRUCE 8618	KB9 UKE VIC 6954	W6 UYD BILL 12026
W7 TOM BOB 8199	KC5 TYC JACK 3246	WB0 UKI JIM 7362	KB0 UYU ED 5150
KB4 TOX BILL 12053	KA7 TYT JOHN 11734	WB9 UKQ BOB 8674	N2 UZ JERRY 11919
K4 TP ART 7518	AA6 TZ CLIVE 9567	VE3 UKU TOM 3379	W9 UZ MARK 9297
KF2 TP RICK 2191	KT4 TZ ED 11557	KC8 UKW DAVID 9370	KG6 UZB KEN 11886
N0 TP GARY 4288	W3 TZW ROY 3205	KE4 UKY MATT 2341	N8 UZE DEE 10270
W8 TP TED 2403	AE8 U DAVE 9170	KK7 UL CHUCK 5943	KA9 UZH PATRICK 5913
KA4 TFC BOB 11786	KG3 U LEON 3835	W4 ULL TOM 9244	AA8 V GREG 7623
KC8 TPI EUGENE 10937	KI8 U DENNIS 8657	WB6 ULU LLOYD 11954	AB9 V MIKE 11261
K7 TQ RANDY 3251	KW1 U MARCIA 10936	W4 UM MIKE 1247	AF9 V BILL 10719
KE8 TQ FRED 6371	KW3 U JIM 11865	WA1 UMA TOM 11031	KD0 V MERLIN 12068
KO6 TQ CINDY 3543	KW8 U BOB 1446	KE4 UMW BROOKS 10382	KE9 V JEFF 6641
KB9 TQC RAY 9508	KY8 U ERNIE 10696	WA3 UMX JOE 8531	KI7 V JOHN 11110
WB2 TQC JOHN 8690	NA7 U CASEY 3648	KA1 UN TOM 10514	KK5 V LARS 10191
N5 TQO DAVID 11692	NA9 U JOHN 11821	KJ7 UN LAURA 2785	KK7 V JOHN 6726
KC8 TQP JOHN 10018	NB9 U CHUCK 8760	K1 UNQ CARL 1218	KL7 V SAM 5799
KG4 TQQ BILL 11061	NC6 U RON 7617	K4 UNW GERALD 1019	KQ2 V SIMON 6866
W6 TRI FRED 11582	ND1 U Notre Dame ARC 5650	WA3 UNX DON 7384	NF7 V GREG 7213
N9 TRK STEVE 1915	ND4 U DENNIS 8613	K5 UNY ALEX 3304	NI1 V JEFF 8624
WB0 TRL BART 11924	NG9 U NORMAN 8517	W4 UOT Middle Tennessee 10300	NI5 V STEVE 7412
VA7 TRS Thompson River 9400	NW9 U HARRY 7907	ARC, Inc.	NK8 V BOB 2302
Amateur Radio Cl.	W13 U HENRY 2708	NO7 UP CHARLIE 5787	NO8 V JOHN 4794
K7 TRT JOHN 11510	WZ0 U BILL 4369	K2 UPI KEN 5697	NY2 V FRED 1293
W1 TRT TIM 7873	W0 UAK JERRY 11336	KG4 UPO WILEY 10035	WD1 V JOHN 5014
KD5 TSG MAX 9722	K7 UAL SWEDE 3553	K8 UPR MIKE 5071	WE6 V JIM 0865
AD5 TT PAUL 10732	KD7 UAQ BRUCE 10589	N5 UPT DEBBIE 4260	WJ2 V PRESTON 11646
NE4 TT JAMIE 9337	K7 UAZ University of 10900	K4 UPV BOB 11428	WS1 V CLINT 12039
WA8 TT DAVID 8858	Arizona ARC	KK7 UQ CLINT 12007	AG4 VA LEN 8876
K6 TTE DALE 11417	AD4 UB EUGENE 11376	W2 UQ DAVE 7254	N0 VA KEN 11257
K6 TTM GENE 4906	K0 UB BILL 4623	W9 UQB MIKE 3687	W4 VAC CHUCK 11068
KB5 TTQ HAMILTON 7951	KE4 UBX SHERRI 10715	WA7 UQE AL 6739	KA4 VAF DAVE 11501
N9 TTT SHEILA 2078	AA1 UC BYRON 8758	K9 UQN DON 4718	WA1 VAV BILL 4668
W1 TTU EDGAR 6202	N2 UC JOHN 3114	KD4 URC RICHARD 4283	KI4 VB MARK 4206
K6 TTX East Bay Contest 4600	WA8 UCS CHUCK 3355	KC4 URI STEVE 6128	N0 VB DICK 8740
Society	K9 UCX KEN 6873	N3 URO LARRY 6675	N9 VB RAY 3164
KB7 TTY BOB 3418			N4 VBV MIKE 8109

K7 VBY GARY	10593	KT4 VP ALFRED	11613	WZ0 W SLEET	1284	WA9 WME QUENTIN	2120
N8 VBY ROBERT	6190	WB8 VPB FRANK	7241	K0 WA LEE	11664	K5 WMG MIKE	10403
KC8 VC Mich-A-Con Club	10150	W7 VPV DICK	8798	K3 WA BILL	10364	WA2 WMJ JULIAN	7816
N5 VC VIC	2311	W8 VPW TOM	7264	KF8 WA CECIL	11408	AA2 WN HARRY	8716
KB0 VCC DALE	3172	K7 VQ DICK	11204	N0 WA DENNIS	7226	KE3 WN PAT	5667
KF4 VCP TED	10369	KC8 VQ GEORGE	3838	W7 WAA VERN	8705	N5 WN CARL	8644
N8 VCQ RICHARD	8742	KC7 VQD DONALD	7408	KA9 WAC PATRICK	4530	KG4 WNA JOHN	9738
K4 VD KEVIN	11712	KG4 VQU QUINTIN	11866	K5 WAF BILL	8843	N1 WNB WINSTON	4143
K6 VDP LARRY	3628	W8 VQV BERNIE	2677	WA7 WAL ERIC	6759	WA3 WNK JOHN	5361
KT4 VE TERRY	6309	WA2 VQV RUSS	3179	K0 WAM WIL	10014	KD6 WNM CAL	2632
KE4 VED DAVE	12087	WA0 VQY ROBIN	3346	N4 WAN BILL	11056	N9 WNN STEVEN	11645
WA6 VEM NATE	9360	N0 VR ROGER	11503	K4 WAS BILL	11274	N1 WNT LOU	4647
N8 VEP LINDA	3957	KC0 VRI JOHN	12086	KF4 WAS HUGH	4297	KC7 WNV DAVIS COUNTY	4175
AB4 VF CHARLES	9381	KA1 VRP CLIFFORD	4539	WA3 WAW BERT	5419	N0 WNV EDWARD	10959
K7 VF JEFF	9975	KF4 VRQ MARVIN	10595	NH7 WB PAUL	11899	WA0 WNV RON	12023
W6 VFA WEB	11472	N8 VRS SONDRA	10236	KB9 WBM DON	10631	KC8 WO CHARLES	7853
W8 VFM NED	11620	K2 VS CAROL	2081	N9 WC GREG	1717	KH6 WO Honolulu ARC	11221
KD6 VFO DAVID	5952	N1 VS VINCE	8053	W8 WC BILL	2371	KB8 WOB CINDY	6747
W6 VFO BOB	11572	KC8 VSB JOE	11529	K1 WCC HENRY	2706	W9 WOC FRANK	10634
K8 VFR ROSEMARIE	5602	K7 VSC MOSE	10754	W5 WCS BILL	10331	W4 WOD SAM	10726
AA2 VG PETE	2530	N4 VSD KEN	5217	KN0 WCW FISTS USA Club	10000	KA8 WOG FLOYD	9237
K1 VG TOM	4301	K2 VT RANDY	2080	W2 WCW FRANK	7309	W3 WOM JOHN	7206
K5 VG JOHN	11389	KG8 VT VIC	9501	N2 WCY DONALD	3560	K4 WOP JIM	5431
K6 VGA ROBERT	8056	NJ6 VT USS PAMANITO	3077	K3 WD BILL	11535	WB8 WOR TOM	10965
VE3 VGI JOHN	6261	W9 VT Tri Town Radio	11875	N1 WD BILL	5247	KE6 WOX ART	5766
VE3 V GK EARL	2535	Amateur Cl. Inc.		N8 WDH CHUCK	1258	KG4 WOY BOBBIE	11115
AF4 VH VAL	7324	KB5 VTB LANNY	1970	N2 WDV ADIN	5811	AA8 WP LARRY	3384
KK5 VH JOHN	4599	W5 VTL PAUL	5631	AA5 WE R.E.	2660	N3 WP BILL	8482
KC7 VHS PERRY	11791	W5 VU GEORGE	8629	VE7 WEB BRIAN	11837	K4 WPM BILL	5958
W0 VHV JOHN	4076	N5 VUC BOB	6620	KG4 WEL SCOTT	9944	K3 WQ DAVE	8673
W8 VID CHARLES	11321	K6 VV ACE	6255	W8 WEN JACK	3609	K6 WQ YUTAKA	10923
W6 VIF CHAPPY	7471	N8 VV DAN	10386	K0 WEW KENT	10616	K9 WQ DAVID	10669
W8 VIF BOB	10042	WA4 VVA Floyd H. Martin Jr	11500	K7 WF STU	1493	KD7 WQH TONY	11858
W8 VIJ GREG	8190	ARC		N2 WF BILL	2016	KG4 WQO DON	11591
KE1 VIN KEVIN	11922	WB6 VVA SKIP	9558	WA9 WFA STEVE	11895	WA2 WQT RUSS	10176
K4 VIZ TOM	2323	KB0 VVT REBECCA	10108	KB8 WFH MATT	9179	N6 WR ARMOND	10770
K0 VJ RICK	10999	VA7 VVV DAVE ve7ddd	9112	N2 WFH GAIL	4128	W6 WR JIM	9484
K5 VJ LEO	5070	W7 VVW DEAN	3133	K4 WFM FRANK	10245	W5 WRL WILLIAM	10764
WA4 VJC BOB	11106	AA7 VW VERN	10044	N2 WFN EUGENE	8640	KB8 WSG CHARLES	5847
KG4 VJS Springstead High	11700	AA9 VV CHARLES	5681	KC8 WGA DAVID	10287	WA3 WSJ ED	1715
School ARC		N1 VWD BRAD	2446	KB2 WGQ MATT	5805	KB4 WT LARRY	5649
W8 VJW JOHN	4221	K6 VWE STANFORD	9989	WB2 WGX RICHARD	6853	K5 WTA BILL	1594
KA0 VJX DENNIS	4735	KB9 VWK LLOYD	7342	AG4 WH GORDON	9405	KB7 WTK CAROL	4332
WA0 VKC SCOTT	10127	K4 VWR MIKE	11718	N1 WH WES	9447	N3 WTW LEW	6209
KC0 VKN JOE	12091	KF4 VWZ HENRY	4777	WL7 WH BOB	3420	K4 WU RON	11343
K9 VKY BRIAN	1212	KS4 VX ROGER	2041	WA5 WHN JAY	3044	VY2 WU ALAN	4572
AD4 VL JAMES	1541	W5 VXE TED	11346	WA0 WHT TOM	12065	W6 WU DAN	3656
W6 VL CHRIS	2355	W7 VXS DON	10222	AA3 WI JOHN PAUL	8642	W9 WU JIM	6363
KG4 VLC Carolina FISTS Cl	9450	KB0 VXU RICHARD	7968	WH6 WI DOUG	8779	KC5 WUP ROBERT	6135
W6 VLD Boeing Employees	11295	KF6 VY BECK	10918	KG4 WIL JOHNY	10147	N5 WVR CATHY	12033
A. R. Society		N3 VY DON	8852	W2 WIL WIL	10515	W6 WVV DICK	11313
W1 VLK GEORGE	8808	VA2 VYZ JEAN-FRANCOIS	11896	W6 WIL DON	3536	AC7 WW JOHN	10552
WB9 VLK DIANA	4436	KE7 VZ HARRY	10380	N6 WIN TIM	8762	KE0 WW MIKE	7978
WB0 VLV DON	11063	W4 VZB STAN	3307	N2 WJ STEVEN	4999	KN6 WW CHUCK	4099
AA8 VM CAL	2472	W2 VZQ KENNETH	8730	KB4 WJA MICHAEL	7428	WA7 WW BRETT	9977
N4 VM BRYN	6317	W9 VZR CHUCK	3358	KG4 WJC JOSH	11756	K3 WWP JOHN	2002
KG4 VMB VIRGIL	10653	KA0 VZZ LORETTA	4508	KC8 WJO JIM	10563	K3 WWW BUD	9711
W7 VMI Vashon-Maury	11550	AC4 W BRIAN	1042	KA9 WJR WAYNE	10610	W5 WWW RON	2324
Island Radio Club		AC8 W STAN	1454	K1 WK LEE	4115	K5 WX KEITH	11959
VE3 VMP MICHAEL	10335	AE4 W GUNNAR	2068	K1 WK WALT	11992	K6 WX KRISTEN	10232
W7 VMP VIRGINIA	5334	KA0 W KEN	5116	KF4 WK LEWIS	4253	KF2 WX CHUCK	3614
KB8 VMZ KATHY	3821	KB9 W DAN	3262	N7 WL JOHN	10496	KS4 WX HANK	10214
K7 VN DON	11822	KC0 W TONY	3001	N5 WLA FRED	9730	KG6 WXB RICK	11804
W8 VO CLEM	11908	KC3 W BOB	9537	W8 WLC KEN	7242	K8 WXQ AL	3213
K2 VOA Piscataway ARC	10975	KC9 W RANDY	10449	W4 WLG DON	7262	KE4 WXS DAVID	7370
N6 VOA IBB Delano ARC	10450	KD8 W DAVE	6879	K5 WLQ JIM	11362	KA7 WXY WALLY	1941
K4 VOC Vortex of Chaos	11290	KG1 W RICHARD	11342	KD7 WLR LARRY	11470	W4 WYD BARRY	9769
N6 VOH BARRY	6262	KY3 W WILLIAM	11987	W4 WLT LARRY	11670	W4 WYV GEORGE	6117
K9 VOL BILL	9793	NB3 W ROBERT	6956	K9 WM Green River Valley	11275	KF4 WZA MARGARET	5945
K9 VON RUSSELL	11293	NG3 W CHRIS	4734	Am. Radio Society		K5 WZF JOHN	11515
K8 VOR ROBERT	10973	NT2 W RICH	4140	N8 WM WANDA	6358	WB5 WZM ROY	11840
W8 VOS KEVIN	9293	WF4 W TAD	11623	W0 WM PERCY	3216	KC8 WZO MIKE	11186
KG4 VOX RICHARD	10304	WF6 W BILL	3148	K4 WMA BILL	7005	KB9 X STEVE	11442
K7 VP VIRGIL	9469	WG8 W ROD	3303	VE3 WMB MIKE	9437	KF9 X MIKE	10012

KK1 X	JOHN	11285	NJ6 Y	LINSLEY	11691	W8 YMO	HARRY	5713	WF6 Z	FRED	7363
KN9 X	DAN	8671	NS6 Y	ALEX	11466	W4 YN	TIM	7327	WQ9 Z	ROY	11962
KV7 X	TERRY	11547	WA5 Y	RUSS	1721	K3 YNL	ALBERT	4453	WR4 Z	JIM	5322
NG6 X	DAVE	0719	WD7 Y	ED	6179	KA3 YNV	DAVE	3685	KK5 ZA	BOB	4695
NI1 X	BRUCE	10967	WG7 Y	BOB	11830	AA8 YO	ROBERT	3056	VE1 ZAC	JEFF	2048
NO4 X	BRIAN	11981	WS4 Y	BILL	7589	AG4 YO	CHARLIE	10194	K7 ZAD	GARY	9756
NO6 X	KEN	11721	WS7 Y	AL	10792	KA7 YOI	GARY	10184	K6 ZAN	RALPH	1529
NT8 X	BOB	4287	AA7 YA	STACEY	3857	W6 YOO	HARRY	5966	VA3 ZBB	ROD (W9BRD)	1782
NV1 X	BOB	1535	K9 YA	Robert F. Heytow	9500	KB9 YOZ	DAVID	9518	VE3 ZBB	BETTY	1265
NV9 X	JIM	7517		Memorial Radio Cl		AB6 YP	VERN	1731	W6 ZBG	JOHN	9422
NW8 X	RICH	1540	N1 YA	PETER	8592	KF4 YP	VERG	9972	K9 ZBM	JIM	7663
WB7 X	MARTIN	10322	W5 YA	High Desert	5300	KB9 YPC	STEVE	8236	KA9 ZBN	WILLIAM	6871
WB9 X	JAMES	1544		Wireless Club		KG6 YPD	LYNN	11754	KB9 ZBN	RON	12102
WK4 X	MARION	10718	N8 YAD	BEN	11183	WA2 YPL	DEE	1997	WB8 ZBT	ROBERT	7476
AA7 XA	FRANK	7404	AD4 YB	EDWARD	4392	N9 YPN	ANTHONY	2471	K2 ZC	BOB	11882
K8 XAF	DICK	8842	N7 YB	DUTCH	10095	WA8 YPY	RUTH	4590	WA1 ZCB	ED	8203
AA5 XE	DALE	10021	N9 YB	MIKE	11658	W9 YQ	DWIGHT	2765	KG4 ZCH	ALBERTO	11991
AB0 XE	STEVE	8641	WA5 YBC	ELRAY	6264	K5 YQF	CECIL	8077	K8 ZCT	BILL	10002
KK7 XE	DENNIS	9161	KE4 YBS	GAIL	3672	N8 YQJ	RALPH	7205	K7 ZD	GARY	4706
N8 XE	JASON	6338	AB5 YC	JOE	4482	KB0 YQY	DAVID	5676	N0 ZD	MIKE	8585
K8 XF	MIKE	6773	W2 YC	CAVE	11331	AA3 YR	BILL	8492	K4 ZDH	RILEY	7208
KJ5 XF	TONY	2102	WA8 YCD	BOB	11101	AB7 YR	OSCAR	7418	WB4 ZDU	RAY	6342
VE7 XF	RALPH (ve4cx)	7492	W7 YCW	ROSS	11755	N0 YR	JOHN	10560	K2 ZDX	TOM	9751
W8 XF	MAC	6325	K7 YD	DOUG	3852	W3 YR	TED	7601	K7 ZE	ART	4372
K6 XG	DAVE	10134	W4 YD	DAVID	11307	W8 YRB	ROB	7436	KF6 ZES	JOHN	6910
VE6 XG	BILL	4352	KC5 YDA	JOHN	5979	WB0 YRM	JOHN	3686	WB8 ZEX	ROGER	11635
W3 XG	KRIS	10530	KB9 YDI	DANIEL	10289	W1 YRW	FRED	5281	N1 ZF	PAUL	11713
N5 XGG	JOE	9974	W8 YDJ	KG	5835	K9 YS	MIKE	5277	W5 ZF	STAN	6183
AA9 XH	ALLAN	8743	K7 YDL	GREG	5364	KR4 YS	JEFF	2914	WA8 ZGL	TOM	6337
W1 XH	AL	8768	KA2 YDT	JACK	1261	KB5 YSG	TOM	11095	KC8 ZGW	CHRIS	11519
N4 XHJ	DAVE	4205	N2 YDU	JOHN	2696	KB5 YSJ	DALE	12031	WB9 ZGW	BILL	11632
K3 XI	TIM	4010	AC7 YE	KEN	10431	N9 YSQ	TODD	11965	N8 ZH	JON	9965
AA0 XJ	JIM	1978	N1 YE	GENE	4001	WA7 YSU	ERIC	2506	N2 ZH	RANDY	2151
AA9 XJ	BOB	8456	N6 YE	KEN	10657	KG6 YSX	Orange ARC	11445	W3 ZIF	ROYAL	1583
KC9 XJ	DON	8662	W4 YE	LELAND	3929	KP4 YT	JOSEPH	10901	N3 ZIL	JON	5309
W4 XJ	RANDY	11762	W5 YE	BRIAN	4781	N7 YT	BILL	10198	N1 ZIZ	GENESIS ARC	10575
AC5 XK	DON	7634	WB6 YEC	GEORGE	11955	W6 YTB	CHARLES	8404	AA4 ZJ	RAYMOND	11583
K6 XL	PETE	11839	K9 YET	RAY	9943	AD6 YU	LOREN	8599	W2 ZJ	ELMIRA ARA	11000
K9 XL	RAY	8469	K2 YEW	NORMAN	2654	N6 YU	GEORGE	8761	WA5 ZJK	GLENN	4978
N3 XL	BILL	9921	N5 YFC	WAYNE	2550	WB8 YUG	DANIEL	6520	KE9 ZK	KEVIN	9595
VE1 XL	DICK	10687	K4 YFH	JIM	7807	N1 YUK	PERLEY	4274	WA4 ZKM	BRUCE	11332
K9 XLT	ROBERT	6122	K8 YG	AL	9581	WA7 YUL	BOB	11282	N6 ZKT	ERIC	3590
N0 XM	MIKE	10156	KO6 YG	DAN	9115	KG4 YUP	RAILEY	10757	AC7 ZL	PETE	12035
VE5 XM	BOB	0907	K7 YGB	ERNIE	6567	KI4 YV	BOB	2647	KA3 ZLA	BOB	7269
KE3 XN	DAVID	11836	W4 YGE	CHALMER	4646	KC8 YVI	CARL	11861	KD5 ZLB	EDWIN	11880
KS4 XN	JOHN	1965	WA8 YGP	WILSON	11173	N1 YVZ	BRAD	8672	K4 ZLE	JAY	6378
N7 XNH	FRED	2799	W6 YHM	DON	8635	KC7 YWD	JAMES	4111	WA4 ZLK	BRUCE	7693
K2 XOX	CW Operators Cbl.	11850	AA6 YI	KEN	12049	K2 YWE	DAN	1726	KA1 ZLM	MARTIN	7294
KD6 XP	GARY	10740	WA1 YIH	JOHN	10673	N3 YWQ	STEVE	3926	KC7 ZMN	GUY	5252
W8 XP	GREG	1977	KC8 YIR	MITCHEL	11574	N8 YWX	KIM	6369	W3 ZMN	CONRAD	8634
N3 XPD	MIKE	7279	K6 YIS	GENE	6904	AB0 YX	JEAN	11796	N5 ZMO	RICHARD	11596
K6 XR	REGGIE	10183	N3 YIW	LOIS	3029	WA2 YXH	DAVE	11328	N4 ZMP	ORIN	3082
N5 XRD	RICHARD	3660	N0 YJ	BERT	9936	W1 YXU	LAURIE	3382	K4 ZMV	JIM	10537
N4 XRP	DON	11537	N1 YJ	STEVE	4938	KA0 YXX	BILL	7965	N4 ZN	MIKE	7306
W6 XS	BOB	6921	N8 YJB	EVERETT	1968	VE7 YXX	MICHAEL	10994	K4 ZNC	JOHN	6884
NT4 XT	DARIN	9764	WB4 YJE	LOU	9714	AA0 YY	MARK	2948	N9 ZNC	GENE	10007
N2 XTO	TOM	7313	WA7 YJF	LLOYD	8765	AB5 YY	DOUG	4047	W8 ZNH	BILL	1023
KE7 XU	DICK	11379	AA2 YK	ERNIE	2751	N2 YY	JERRY	1589	K3 ZNK	STANLEY	8747
W5 XU	DAVID	3521	K4 YKI	NORM	2166	N7 YY	BERNIE	4595	W7 ZNP	GARY	9783
W6 XU	JOSH	9341	KB8 YKK	MIKE	10524	WA9 YYP	ED	4921	WA5 ZNU	LEIGH	10797
N5 XUJ	PHYLLIS	6219	KC7 YKT	TOM	11728	KB0 YYG	JACK	4966	N3 ZOC	FRANK	3943
N3 XUK	BRUCE	9904	KB9 YKY	JOE	9563	W9 YYG	AL	5303	WA2 ZOD	KEN	10547
W5 XW	ROBERT	4038	WB2 YKY	TOM	9110	K6 YYJ	HUGH	11432	WB4 ZOF	RUPERT	3688
AA4 XX	PAUL	11241	AE9 YL	VICKY	7388	KC4 YYX	DAVID	12108	W1 ZOO	GARY	6287
AA8 XX	TOM	10925	KP3 YL	MADY	6270	WA7 YYY	Cowitz FISTS	1900	K7 ZPE	ART	2322
K5 XYL	DEE	9488	N3 YL	MARY	8118		ARC		WA9 ZPL	STUART	11602
VE9 XYL	IZABELL	11851	N1 YLA	BOB	3068	KC8 YZB	PAUL	11415	N3 ZPO	FRANK	8836
KK5 XZ	BRUCE	7421	N8 YLD	KATHY	5145	AD8 Z	MICHAEL	11616	WA5 ZPP	DAVE	10356
AK7 Y	GREG	10137	KD4 YLG	CHARLES	6535	AE6 Z	SHORTY	5274	AC5 ZQ	BUD	6820
KA6 Y	RICK	9593	KA3 YLZ	MICHAEL	12058	KO6 Z	HERB	4971	KG8 ZQ	JERRY	3053
KC3 Y	BUCK	3369	KG4 YLZ	JAMES	10282	K88 Z	BOB	10079	N6 ZQ	DICK	10307
KQ4 Y	RICK	11972	K7 YM	BILL	5490	KW5 Z	RON	9505	W2 ZQ	Delaware Valley	5850
KV4 Y	BUD	8138	W0 YMB	ROLAND	9918	NG7 Z	PAUL	5368	W0 ZQJ	KEN	4517
NR6 Y	JOHN	8756	VE7 YMM	MARK	5313	NJ7 Z	MIKE	10693	KA1 ZQR	DICK	1429

KC8	ZQS	MATT	11073	M0	AGO	HARRY	2843	G3	ASG	RAY	2272	ZL2	BLQ	STAN	9068
W1	ZQT	TED	11852	5B4	AGP	TOM	4862	ZL2	ASQ	ERIC	9041	ZL1	BLR	LEN	9061
KB9	ZQU	DUANE	11612	2E0	AGQ	BRIAN	0990	IZ5	ASW	CLAUDIO	7191	DA1	BLS	DAVE	4808
K7	ZR	JACK	2656	M5	AGQ	JOHN	7130	G3	ASX	DAVE	6464	G3	BLS	DAVE	4887
KG6	ZR	LEN	9294	ON4	AGY	PIERRE	3798	ZL4	AT	ALAN	9074	M0	BLT	MARK	5501
W5	ZR	BERT	4472	BX2	AH	CHEN	15016	M0	ATA	ALF	8349	M0	BLV	GEORGE	4837
W7	ZRC	ROD	7488	5B4	AHO	BARRY	10851	MW0	ATG	HOWELL	4883	G5	BM	FRANK	2874
KA9	ZRU	STEPHEN	11653	G3	AHS	DAWSON	0265	MW0	ATP	SYD	4820	PA5	BM	BERT	8316
KB9	ZRX	"J"	11636	M0	AHT	WILF	7753	G0	ATR	MIKE	1854	G4	BMH	NICK	10861
N1	ZS	DAVE	11545	G8	AHU	BRYAN	9830	VK5	ATU	DICK	9655	M0	BMN	PAUL	5533
W1	ZS	BURT	12041	G3	AHX	GEORGE	4866	ZL1	ATW	MATT	9010	G3	BMO	BERT	6488
KE6	ZSN	JOHN	4740	BX2	AI	SU	15007	2E0	ATZ	BOB	7754	M0	BMT	DAVE	4880
W0	ZSW	HandiHam System of Minnesota	10073	VK1	AI	GREG	9604	EA5	AUC	CARLOS	3748	G4	BNU	PAUL	2854
KA1	ZT	KEN	8534	ZL1	AIH	KEN	9094	M0	AUI	ROGER	10843	BM1	BNY	LIN	15011
KT4	ZT	JIM	7992	M0	AIR	STEVE	1850	PY4	AUN	DELSON	6406	GW0	BOJ	HOWARD	0689
W1	ZT	GEORGE	11848	2E0	AIZ	TOM	1692	M0	AUR	ALAN	5573	G3	BOK	BILL	3768
K9	ZTV	KENT	9199	BX2	AJ	XU	8983	M0	AUR	DICK	8953	ZL1	BOP	NICK	9631
N2	ZU	MIKE	8712	VR2	AJ	MAK	15018	2E0	AVK	ROY	8992	GB2	BP	CLUB	1890
N6	ZUE	GREGG	12060	ZL1	AJ	JACK	9095	G3	AVL	BOB	0931	M0	BPM	DAVID	7126
N8	ZUM	BILL	4023	JA2	AJE	MASA	8322	ZL2	AVL	BILL	9033	G4	BPO	CLUB	10865
WA5	ZUP	CURTIS	11782	OZ1	AJF	DIETER d2oa	8988	ZL2	AVM	BOB	9612	M0	BPT	ROB	5576
N8	ZV	BOB	10168	M5	AJO	MIKE	7714	M0	AVN	ALAN	7186	M0	BQD	LESA	8378
KD7	ZVI	BRAD	12061	ZL4	AJS	ANDREW	9632	M0	AVW	CHUCK	2896	G0	BQI	MO	7151
KD7	ZVQ	DAVID	11242	8V2	AJX	PACO	0771	RZ1	AWG	CLUB	5509	MM0	BQL	ALAN	6057
W3	ZVT	TIM	4227	HA5	AK	GEORGE	8348	GW0	AWN	HARRY	2221	M0	BQT	STEVE	6087
VE5	ZW	DALE also ve7zwa	11485	ZL2	AKV	NEV	9654	M0	AWW	BILL	4881	F6	BQV	RAYMOND	5540
VE7	ZWA	DALE also ve5zwa	11485	BX2	AL	JASON	8982	G0	AXE	MIKE	0361	G0	BQV	MARY	0040
WB0	ZWW	JIMMIE	12078	ZL2	AL	LEE	9662	G4	AXH	RICHARD	8381	ZL1	BRS	SID	9013
W2	ZXQ	BOB	8042	ZL1	ALA	JOHN	9628	G0	AXV	STAN	8319	M5	BRY	BRYAN	8345
W9	ZXT	NICK	11514	GW4	ALG	STEVE	10885	M0	AXV	MAX	3719	VK5	BSC	BRIAN	9601
N9	ZXW	DAN	11122	G0	ALH	STAN	1671	G0	AXZ	BILL	6000	ZL1	BSG	KEITH	9000
W4	ZY	BOB	9520	ZL2	ALJ	TONY	9657	M0	AYF	DES	8311	ZL2	BSJ	WILBERT	9637
WA9	ZYC	DAVID	12006	M0	ALK	RICHARD	6433	7J1	AYH	ERIC (KC5JEV)	1441	MI0	BSU	DENIS	4845
W4	ZYD	MIKE	6568	M0	ALO	DON	2839	M0	AYI	GLENN	4844	VK6	BT	BOB	9611
W4	ZYT	DON	3381	M0	ALX	MARK	2877	ZL1	AYQ	JIM	9602	G0	BTD	GRAHAM	7750
KB2	ZYU	EDDIE	5899	2W0	ALZ	DAVE	3740	M0	AYX	TONY	10856	M0	BTG	GILLIAN	5542
K7	ZYV	CARL	3426	BX2	AM	WU	8980	ZL1	AZE	BRIAN	9078	M0	BTY	PETER	4884
AG4	ZZ	WAYNE	10502	JL3	AMK	HARRY	15002	LY3	BA	GEDAS	0984	M0	BUI	LES vk4bui	9617
N4	ZZK	AL	4225	IZ0	AMM	LORENZO	3777	BM1	BAE	WILL	15010	VK4	BUI	LES m0bui	9617
W5	ZZM	JACK	5432	ZL2	AMM	STAN	9023	GX0	BAR	CLUB	8359	G4	BUS	REG	1834
W6	ZZT	BILL	5340	G3	AMO	JOHN	2848	M0	BAU	GEOF	7700	M0	BUV	TONY	6422
				JA1	AMP	JEAN	9836	ZL1	BAV	CHARLIE	9642	M0	BVE	DAVE	7173
				UA0	AMW	GEORGE	0836	VK3	BBN	JOE	9653	M0	BVF	George	8355
				BX2	AN	LEE	8981	GM0	BCA	DAVID	8371	GW4	BVJ	RICHARD	4896
				ZL1	AN	GARY	9008	M0	BCH	BOB	2867	M0	BWA	MARK	5566
				ON4	ANE	BERT	0435	VK4	BCM	BEVAN	9053	G4	BWJ	BARRIE	1378
				M0	ANL	ANDY	2831	JA2	BCQ	KAZ	8959	M0	BWP	ROGER	5537
				M0	ANQ	JIM	2842	ZL2	BCW	MIKE	9079	G4	BXQ	ALAN	7187
				2E0	ANS	MAURICE	8914	M0	BCZ	ROY	2875	G0	BXV	DAVE	0261
				M0	ANV	DARYL	2270	M0	BDD	DERRICK	1860	G0	BYA	STAN	0746
				ZL1	ANY	STEPHEN	9055	M0	BDG	ALEX	1813	G4	BYJ	HASSO	9849
				M0	AOB	JOHN	2885	ZL1	BDG	FRANK	9014	M0	BYJ	BOB	8973
				ZL2	AOH	RALPH	1073	2E0	BDU	ARTHUR	9861	G4	BYM	BRIAN	9817
				G0	AOL	GILL	0280	JJ1	BDX	KENJI	8962	M0	BYN	ALAN	5558
				ZL1	AOM	MALCOLM	9096	G3	BEC	NOBBY	7758	MW0	BYS	BILL	8396
				HL5	AP	CHO	7181	ZL1	BEG	KEN	9098	RA3	BZ	SERGEJ	10892
				RX3	AP	YURI	8986	G4	BEQ	DOUG	8353	M0	BZF	JIM	5507
				VK4	AP	WARWICK	9058	G3	BEX	JOHN	8913	M0	BZN	LOU	5508
				ZL2	AP	JOEP	9025	G0	BEY	SCOTTY	1184	G4	BZP	LARRY	6044
				EA1	APA	FRAN	2818	2E0	BGD	BRIAN	7741	M0	BZU	NORMAN	6082
				M0	APB	KEN	2888	2E0	BGH	JOHN	8966	DL3	BZZ	LUTZ	1640
				2E0	APG	GARY	9863	ZL1	BGS	TERRY	9643	MW0	CAB	IAN	5560
				ZL2	APO	PETER	9060	M0	BHA	CHARLIE	8362	M0	CAD	BRIAN	1370
				M0	AQF	RICHARD	6490	M0	BHE	MAL	6446	MM0	CAE	JIM	8338
				M0	AQQ	KEN	2897	M0	BHK	GORDON	7112	M0	CAJ	DOUG	5532
				G4	AQZ	GEOFF	7768	ZL1	BHQ	JOHN	9625	VK8	CAW	KARL	9621
				DK1	AR	HEINZ (ta4zt)	8390	ZL2	BIL	BILL	9003	ZL2	CB	CHAS	9645
				ZL1	ARB	PETER	9658	ZL1	BIQ	KEITH	9009	MW0	CBD	WILL	9805
				EA5	ARC	JOHN	10879	ZL2	BIT	JOE	9021	G4	CBG	ROY	0161
				G4	ARI	TIM	9853	EA3	BJE	ALEX	7789	ON4	CBI	CHRISTI	6033
				ZL1	ARW	JIM	9006	G4	BJM	FRASER	0044	ON4	CBK	MARTIN	2858
				G4	ASA	DAVE	8363	G4	BKQ	ROY	7188	DL1	CC	WOLF	1181
				VK2	ASB	ARTHUR	9082	G4	BLI	ALAN	1637	MX0	CCF	CLUB	6499
				G4	ASE	RON	9884	M0	BLM	ARTHUR	2271	ZL2	CD	BILL	9004

UK, EUROPE, ASIA,  
EAST ASIA, S.E. Pac, ZL, VK

BU2	AA	ZHI	15006
EX1	AA	LIN	15004
RW3	AA	SLAV	0824
M5	AAQ	JIM	7144
ZL1	AAR	GWYNNE	9028
DL9	AAS	WILLI	8317
G4	ABE	JIM	6426
M5	ABN	PETER	6423
ZL2	ABZ	JOHN	9005
BU2	AC	HSU	15013
EX1	AC	RABBIT	15003
M5	ACD	GORDON	7703
ZL2	ACJ	CRAIG	9063
M0	ADB	NORMAN	7135
G0	ADE	BOB	6083
M5	ADL	ADRIAN	6460
M5	ADQ	BRIAN	8394
BX2	AF	LIOU	8979
LZ1	AF	DIMITER	0416
VK6	AF	BARRIE	9615
PA3	AFF	PIET	0445
2E0	AFP	BOB	10841
M5	AFS	PETER	7100
VK4	AFW	FRANK	9639
VK6	AFW	TONY	9607
ZL2	AGI	FRANK	9002
M0	AGL	JIM	2857
M5	AGL	BOB	6493

M0	CDF	MAURICE	8936	F6	CZC	LEONCE	1371	M5	ENM	ROGER	9823	G3	GC	ERIC	0068
ZL2	CDH	NIGEL	9652	SM5	CZQ	KEN	9887	G0	ENV	ALAN	0202	GW4	GCB	PETER	0657
M0	CDL	JOHN	5592	G3	DAC	ALAN	0024	G4	ENW	ALAN	7737	V85	GD	GREG(ZL3GD)	9075
M0	CDP	PAUL	5579	G0	DAF	JIM	0795	EI2	EO	MIKE	10849	ZL3	GD	GREG(VK4PG)	9075
G0	CDQ	MAURICE	0207	M5	DAP	DAVE	8333	G0	EOK	PAUL	5531	GI0	GDF	ERNIE	0552
ZL1	CDX	GEORDIE	9048	EA4	DAT	JUAN	9895	M0	EOS	ALLEN	8960	3B8	GE	RAJ	4834
DL9	CE	FRED	6457	M0	DAW	DAVID	8351	G3	EQM	THEO	6487	G0	GFG	MARK	0113
ZL3	CE	IAN	9099	HB9	DAX	FRED	7138	VK2	ER	ROSS	9072	G4	GFQ	RON	0894
UA1	CEX	VIC	10857	ZL2	DB	TONY	9064	G4	ERA	DOUG	2849	G0	GGE	PETER	0700
3B8	CF	JACKIE	0951	VK3	DBD	DAVID(g3acd)	3756	M0	ERG	CLUB	9838	G0	GGU	CLUB	0491
OH2	CF	MATT	3791	M0	DBO	NIGEL	8370	GM0	ERV	SHIRLEY	0107	VK2	GIF	HARRY	9659
M0	CFD	NICK	6023	M0	DBW	JIM	10846	EI9	ES	PETER	10858	DL1	GJN	JEURG	0948
GI4	CFQ	GARY	7748	HB9	DCL	FRANK	8364	M0	ESU	MERVYN	8386	G4	GJY	SID	1667
VK3	CGB	CHRIS	9087	G0	DCO	MIKE	7145	I23	ESV	TONY	9877	G0	GKE	LES	0197
M0	CGO	RICKY	6026	G3	DCO	BRIAN	2856	GW0	ETF	STEW	9883	G0	GKP	JOHN	9886
M0	CHL	DAVID	7184	ZL1	DD	BARRY	9029	SM4	ETF	BERNT	8352	JH1	GKW	KOH	7752
G0	CHV	MIKE	0090	MW0	DDE	ANDY	9871	M0	ETS	COLIN	8373	OE5	GM	GUENTER	7114
G0	CHZ	MAC	7166	G0	DEB	DAVE	0380	M1	ETU	HUGH	8334	G0	GMA	PATRICK	10821
MW0	CHZ	DAFYDD	8990	GW4	DEP	DAVE	5527	G0	EUD	CHARLIE	0067	M0	GMF	MEL	8372
G4	CKH	GRAEME	8930	M0	DEV	MARK	9851	2E0	EUK	FRED	9870	I22	GMT	FABIO	10890
G4	CLD	GERALD	10852	ZL3	DF	MALCOLM	9614	OZ1	EUO	LEIF	3728	G4	GMZ	JOHN	7719
JE1	CLH	/ZL MACK	9012	I20	DGI	CHARLIE	10864	G4	EVI	JOHN	9825	G0	GPM	JOHN	0412
M0	CLO	KEITH	7706	M0	DHN	GLYN	9862	GW4	EVL	TOM	6050	G3	GPZ	PETE	0613
MI0	CLP	MARTIN	6485	G3	DIC	CYRIL	6090	G0	EVV	DAVID	0550	GW0	GQC	BRIAN	0671
M0	CLX	GEORGE	9885	G0	DJA	DAVE	1372	ON5	EX	JOHAN	10801	G4	GQL	ALAN	10860
G3	CMJ	REG	7721	GM0	DJI	DANNY	0312	DL7	FA	ANNE	10825	GW3	GQN	BILL	10835
M0	CMQ	MARK	7701	G3	DKN	TOM	4874	G4	FAI	TONY	0029	JP6	GQN	KUN	5585
G4	CMY	TONY	1626	VK2	DLF	GEORGE	9052	MU0	FAL	COLIN	5512	G0	GQX	MEL	7781
ON6	CN	CARLOS	10838	SV1	DLS	COSTAS	4803	PA0	FAW	FRED	9858	G4	GSA	PETE	1856
M0	CNP	DAVID	6424	JA2	DNA	YOSHI	6038	DL8	FCO	WERNER	1183	G0	GSJ	DAVE	8376
M0	CNU	TOM	7141	G4	DNB	BILL	0058	G0	FCR	BERT	10878	GW3	GSJ	EDDIE	9811
M0	COC	RON	8902	G3	DOV	DEREK	0175	G3	FD	DERMOT	10870	G0	GSQ	GEO	0266
M5	COL	COLIN	7774	G4	DPV	STAN	6015	G0	FDJ	KEITH	1348	G0	GSW	VICTOR	0042
VK2	COX	RAY	9641	VK7	DQ	GERRY	0957	VK2	FDU	FISTS Down	9610	G0	GSY	BRYAN	6403
M0	CPP	BOB	7103	DL1	DRA	ACI	1077			Under Australia		G4	GUA	JOHN	0467
G0	CPZ	BRUCE	10840	M0	DRB	BRIAN	9843	ZL6	FF	FISTS Down	9600	G3	GUR	JOHN	1819
JA1	CPZ	HIRO	6096	SM7	DRH	CLEM	0973			Under New Zealand		GW0	GUY	ELWYN	1685
M0	CQG	MIKE	10812	M0	DRK	DEREK	8344	G2	FFD	DAN	1149	EI7	GW	JOE	8938
G4	CQI	DENNIS	2879	G0	DRT	PETER	0652	M1	FFO	SANDY	9860	G0	GWD	ALAN	0817
I21	CQN	ENZO	7190	EI5	DS	NED	9852	G0	FGE	BASIL	6458	2E0	GWR	BRIAN m0swl	7136
G3	CRC	CLUB	8301	DL1	DSA	ANDY	4859	G0	FGE	DAVID	9088	TF8	GX	GULLI	10822
M3	CRD	CLIVE	8964	EL2	DT	DICKSON	1827	VK2	FGW	RON	0433	VK5	GX	PAUL	9634
M0	CRO	GEOFF	6434	M0	DTB	TERRY	10813	G0	FHD	ERNE	4863	G3	GXQ	WALLY	0947
GI4	CRQ	KEN	1064	G0	DTR	IAN	7193	GM0	FHK	RAY	0712	G0	GYV	PETER	1601
G3	CSC	SAM	0339	M0	DUB	CHRIS	9807	G0	FII	HANS	7745	G4	GZG	LARRY	0627
M0	CSD	TOM	7140	G0	DWJ	NEV	5530	OZ1	FIJ	FRANK	6475	GM4	GZQ	JOHN	9800
ZL1	CT	CHRIS	9648	TF3	DX	VILLI	1658	G3	FLJ	FRANK	6475	G3	HAL	POL	8367
M0	CTD	DAVE	7170	G3	DXV	BRIAN	3737	G0	FIP	ELLA	0215	ZL3	HAM	TONY	9015
VK2	CTN	CHRIS	9057	G4	DYG	PETE	1182	UT4	FJ	ALEX	0678	G0	HAU	TED	0277
M0	CTO	NORMAN	7159	G2	DZF	JIM	0422	G4	FJC	RICHARD	0988	G3	HBN	JIMMY	1199
MM0	CTS	RON	8969	AH2	E	TAKA (Listed by JA calls also)	15014	JM6	FMW	NAKA	5545	GM3	HBT	TOM	0053
M0	CUQ	GRAHAM	7765	PC8	E	HANS	5588	G0	FOD	NEV	0308	GW4	HDB	MIKE	8925
M0	CUT	STEVE	7152	PA3	EBA	JAN	0827	PA3	FOY	GERRIT	3795	G2	HDF	CLUB	7782
ZL1	CV	ROB	9633	G4	EBK	GEORGE	0804	G3	FPB	JACK	0406	GX2	HDF	CLUB mx5hdf	8340
G0	CVH	VINCE	0048	VK4	EBP	JOHN	9007	OK1	FPG	GEORGE	3710	MX5	HDF	CLUB gx2hdf	8340
M0	CVR	DAN	8922	MW3	EBS	TED	8948	G3	FPY	ERIC	1331	G3	HEL	JACK	1663
MW0	CVT	ROBERT	7196	G0	EBW	DAVID	0421	G0	FOI	DON	5511	GM3	HEN	TONY	0122
ON9	CVV	MARK (ka0rvv)	8026	JE3	ECD	HIDE	8967	G0	FRL	BOB	0390	G0	HFI	GORDON	0609
9A0	CW	CLUB	7795	JR0	ECQ	TOMO	8954	G2	FRY	ALEX	8374	M3	HFL	PAT	10887
EW6	CW	VAL	1338	G3	ECS	KEN	1335	MW0	FRZ	DICK	10874	G0	HFX	CHRIS	0236
PC7	CW	THEO	6477	M0	ECS	STEVE	8354	G0	FRZ	BILL	3758	G0	HGA	ANGIE	0041
M0	CWA	BRYAN	9840	M1	EDF	GEOFF	10866	G0	FSP	JOHN	4838	VK2	HGQ	TERRY	9660
G3	CWI	RIC	7160	G4	EEH	DON	10833	G0	FSQ	JOHN	8368	G0	HHL	PHIL	0429
MM0	CWI	CRAIG	8320	G4	EEM	BOB	0724	G3	FTK	LES	1641	G0	HIS	DAVE	1071
I20	CWN	VINCENT	9857	GX3	EEO	CLUB	7101	JO3	FUO	KENJI	8962	G3	HJF	JIM	8341
G3	CWW	TONY	0595	G0	EEZ	CHARLIE	10814	G0	FVS	JIM	0628	GM0	HKS	WILLIAM	1876
M0	CWY	GARY	8383	G3	EFY	TOM	6034	DH2	FW	FRANK	7759	G2	HKU	TED	0841
GM4	CXP	DEL	10871	BV1	EG	LIN	15005	G2	FXS	JOHN	4898	GM0	HLP	IAIN	0535
LZ1	CY	ANGEL	6418	I20	EHR	AUGUSTO	10847	EI5	FY	BILL	0846	EI7	HM	BRENDAN	0863
OH1	CY	TAPIO	6415	GD4	EIP	COL	8941	G4	FZS	MAURICE	9869	GM0	HMR	STUART	9859
ZL1	CY	DONALD	9032	G4	ELG	DON	7732	G0	FZX	RON	6463	M0	HOP	JOHN	8945
ZL1	CYK	DEREK	9036	G0	ELZ	BILL	4818	G4	GBG	PAUL	0637	JO3	HPM	NAO	15008
GQ	CYO	GRAHAM	8332	G0	EML	RAY	3774	M3	GBT	GRAHAM	8947	PA0	HPV	HENK	7755
EI0	CZ	BREN	0632					G4	GBX	WANDA	0514	M3	HQD	ROB	10873

OZ1	HQG	RYAN	4807	HB9	JNV	HERMANN	4890	GW0	KZK	BRIAN	2288	G4	MSR	JEFF	0357
G4	HSO	PETER	8906	VK3	JOB	JOHN	9613	G0	LBT	KEN	1897	M15	MTC	MICK	7743
GU4	HUY	ROGER	9820	SP6	JOE	JOE	0764	ON4	LBV	WILLY	5543	GW4	MTE	RICHARD	10844
G0	HUZ	TONY	7127	G4	JOK	BOB	8956	M3	LCM	LYNDA	9813	DL8	MTG	KLAUS	2200
GM3	HVT	JIM	1628	G0	JON	JOHN	0774	G0	LDM	MALCOLM	10829	G0	MTJ	JOHN	0873
G4	HWK	FRED	6470	JM1	JOT	JUN (k6kf)	9117	G3	LDY	RON	8391	G4	MTQ	TONY	9888
GM4	HYF	GEORGE	0243	EI2	JP	RON	10883	ZL1	LE	BRIAN	9011	ZL2	MUI	BOB	9090
G0	HYT	PATRICK	0220	VK6	JRB	JOHN	9054	PY2	LEC	LUIS	8326	M0	MUZ	MURRY	6420
G3	HZL	DON	0410	M3	JRI	JOHN	8995	G4	LEG	PETER	9824	G0	MWU	BRIAN	0701
9A5	I	IVO	6461	G0	JRN	ART	0295	UA4	LFR	ALEX	1828	JG0	MWU	KEN	15015
G0	IAL	ROD	0348	G3	JRY	SELWYN	3761	G4	LGA	DON	0642	G8	MYI	GEOFF	2274
VK2	IAU	JOHN	9091	VK3	JS	IAN	9616	GM3	LGM	BILL	0564	G0	MYP	DAVE	3780
G4	IAV	BOB	1140	SV1	JSB	ANDREAS	10837	I1	LGR	LUIGI	8987	GW0	MYZ	JOHN	2853
G4	IBH	DAVID	8961	G3	JTO	ERIC	0766	G4	LHI	PETER	2219	G3	MYZ	PETER	8996
G3	ICH	PETER	6442	G3	JTS	TOM	1681	GW3	LHK	GWYN	1125	G4	MZS	TOM	0150
G3	ICO	GEORGE	7725	GM3	JUD	CHAS	0057	G0	LHZ	JIM	1155	2E0	MZX	ALAN	10828
LA1	IE	OTTO	0289	G4	JZM	CHARLES	1688	G3	LJK	MICK	8337	DL4	NBE	LEO	0446
G0	IEE	KEITH	3767	G0	JZY	RALPH	0546	G0	LIU	GEORGE	0816	G4	NBI	LES	2297
2E0	IFJ	ANTHONY	9803	G3	KAN	ALAN	7134	G4	LJI	ROBIN	7107	G4	NCU	MIKE	6061
ZL1	IG	JACK	9043	ON4	KAR	RENE	0369	G4	LJU	COLIN	0099	G0	NDT	PAUL	0653
ZL2	IH	IAN	9027	G0	KCA	JOHN	0200	G4	LJZ	STEVE	4873	RN1	NDV	JERRY	0832
G0	IHY	JIM	5524	G4	KCB	GEORGE	0080	VK1	LK	ERNIE	9608	M0	NFM	DON	7724
F6	IIE	MAURICE	0014	OZ7	KDJ	KLAUS	2851	G3	LME	KEN	7735	G6	NHY	KEITH	8989
G0	IHK	NIGEL	0172	G3	KEF	TOM	1839	GW3	LNR	ART	8377	ZL1	NI	BRYAN	9647
G0	IJE	DON	0509	G3	KEG	CLIFF	7788	G0	LOE	STUART	0625	9A6	NKN	MILAN	9880
G0	ILN	RICHARD	0398	G3	KEK	GEORGE	9868	M0	LOG	LOGAN	8935	GW0	NLB	SAM	0983
EI3	IM	PAUL	3754	G4	KEW	BOB	0275	G5	LP	LIONEL	0731	J12	NNJ	NAO	8321
VK4	IM	ADAM	9619	M0	KEY	BARRY	9882	PA0	LPE	BERT	7756	G0	NNO	JOHN	0478
ZL4	IM	JOHN	9638	LZ5	KF	CLAUDE(5spbl)	7722	G0	LPF	RICHARD	0960	G0	NOB	LIONEL	0785
G3	INA	RON	0097	ZL1	KF	LES	9627	G3	LPS	ERIC	1398	F5	NQL	MAURICE	1816
G0	IOF	GRAHAM	0231	G3	KFG	BERT	3709	G3	LPU	TED	7760	OK1	NR	JAN	8968
G4	IOT	TONY	7182	G4	KGD	ROY	8307	G4	LQO	BILL	5581	M3	NSB	ALAN m0avn	7186
VK2	IOW	PATRICK	9609	G4	KGF	GEORGE	6451	ON4	LR	FRANS	6419	G4	NSP	KEN	10876
GX0	IPX	HQ CLUB	0001	G4	KGG	PETE	7165	G3	LRS	Leicester Radio Society (Club)	6411	G8	NT	DICK	0426
MX5	IPX	CLUB	7778	M0	KGK	DUNCAN	10815	GD3	LSF	STAN	6059	F5	NTP	CLAUDE	2275
G0	IRL	AUDREY	0510	JJ8	KGZ	LEO	4843	G0	LSH	ALAN	0508	G0	NTR	JIM	0264
G0	IRO	BRYAN	1823	G0	KHH	ARTHUR	7728	G0	LUB	DAVID	4826	G0	NVY	PETER	1316
GW0	IRP	COLIN	0690	GM3	KHH	BILL	3794	G3	LUB	DAVID	4826	GX0	NWM	CLUB	8908
G3	ISK	KEITH	3792	I5	KHX	DANIELE	1885	G0	LUZ	SUZANNE	7128	G0	NYX	PAUL	0799
G3	ITB	TOM	5575	G0	KHY	JOHN	0487	G3	LUZ	FRED	0444	G6	NYC	NOBBY	10859
G0	ITS	ROY	0498	G3	KII	DEREK	7115	G7	LVD	FRANK	10823	G3	NYV	WALT	8398
G3	IUC	BOB	4814	TF3	KJ	KARL	10850	G0	LWI	FRANK	0901	M0	NZA	ROBIN	7764
G0	IUM	JIM	4811	SM7	KJH	CHRIS	0017	G3	LWT	PETER	8387	DF2	OA	DIETER ozlajf	9898
CT1	IUV	DON	10868	G4	KJJ	JOHN	1630	G3	LWU	DERRICK	1608	G4	OAB	MAL	8942
G3	IVF	SMUDGE	1614	GW3	KJN	IAN	8940	G0	LYY	JOHN	0696	G3	OAG	STEVE	6043
ZL3	IX	GREG	9644	G3	KJX	BRIAN	8924	G0	LZL	DAVID	0587	GM3	OAV	DOUG	0562
G4	IXI	TREVOR	1141	G4	KKI	BILL	7709	ZL1	MAD	DUSTY	9051	ZL2	OB	DES	9092
GW0	IXP	REG	5515	G3	KKQ	DENNIS	10827	GB2	MC	CLUB	6063	G4	OEC	MAC	0578
G0	IYZ	CHRIS	2889	G4	KLF	TONY	1198	G0	MCE	BOB	2829	G3	OEP	DAVE	5547
G0	IZW	DEREK	1302	G3	KLT	IVAN	10808	G3	MCK	GERALD	0230	J86	OFT	SHIGE	15012
ON7	JA	JAN	10839	G3	KMC	ALAN	10809	VK5	MD	JOHN	9605	GW0	OGI	IAN	9894
SM5	JAB	MICKE	8379	G3	KMG	DAVE	0124	M0	MEC	MIKE	9892	G0	OGU	MICK	3751
G3	JAG	JOHN	6036	M3	KNF	MIKE	10880	G3	MEY	JACK	10831	G4	OGW	DAVID	3785
DL2	JAW	FALKO	3778	JF3	KNW	NOBU	15001	9A4	MF	MIRO	8313	PA0	OI	GERRY	6437
G0	JAY	ANDY (ei5jf)	0311	G3	KOJ	RAY	3733	ZL1	MH	MIKE	9038	G4	OIV	DON	0551
VK4	JAZ	GRANT	9635	G4	KPN	BRUCE	2242	JL8	MIL	JUN (jmljot)	9117	G0	ONS	JIM	0741
MM0	JBS	JIM	8303	G3	KQN	JACK	0699	G0	MJG	STUART	10826	GW0	ONU	DENNIS	10848
M3	JCA	COLIN	9873	G0	KRT	ERIC	0133	M0	MJG	MICHAEL	7142	G0	OOD	TIM	1350
M0	JCT	JACK	8310	G1	KRU	ARTHUR	10830	G3	MJX	TONY	1893	2E0	OOO	CLUB	7777
EI4	JD	MARK	8994	JQ2	KST	KENJI	8962	ZL1	MK	DON	9034	GX0	OOO	CLUB	1000
UA6	JD	VLAD	1385	G3	KSU	ALAN	6089	M0	MKA	TONY	9842	GX7	OOO	CLUB	1000
EI5	JF	ANDY (g0jay)	0311	GW0	KTL	GARY	10889	M0	MKC	MALC	10884	G0	OOS	LEN	9867
EI8	JF	ROGER	10882	G3	KUL	DOUG	0840	G0	MKJ	KEN	1390	G0	ORA	JOHN	6492
G3	JFS	PETER	8985	GW4	KUS	BERT	0856	M5	MKW	MARK	9872	G0	ORS	CHARLES	0852
GW0	JGJ	TOM	4875	JJ0	KUS	MURA	15017	G0	MLA	ERNIE	0606	G4	OSB	TOM	0579
MM3	JGT	JOHN	9899	GE3	KVD	DAVID	8392	M0	MLD	DAN	10816	G0	OSR	OLIVER	1178
G0	JIT	DICK	1136	OK1	KW	MILAN	4827	G0	MLM	TIM	10875	GM4	OSS	STEVE	0251
ZL2	JJ	PETER	9624	G0	KWD	KEITH	0525	G4	MLW	IAN	0130	G0	OTE	ERIC	9850
G4	JKW	ALAN	1132	M0	KWV	MARTIN	9855	G3	MNS	IAN	8993	G0	OUD	STUART	9865
G3	JKY	JAKY	6462	G4	KXG	KEN	0938	G4	MOI	DOUG	8928	G0	OUI	BILL	0888
G2	JL	MORT	8970	G0	KYA	STEVE	8358	I1	MQ	ADA	9891	G0	OVS	JIM	0822
G0	JLX	ANDY	0358	G0	KYC	ALAN	0513	G0	MRH	RON	1327	HB9	OX	CLAUDE	4849
G3	JME	MIKE	7175	G3	KYF	KEITH	5591	M0	MRR	MARK	10872	GM3	OXX	GEORGE	7174
G3	JMZ	JOCK	2865	G0	KZA	ERNIE	0738	G4	MSQ	FRANK	9881	ZL2	OY	RON	9035

VK3	OZ	PAT	9070	G0	RGV	RICHARD	0981		Radio Club			GW0	UKF	JANET (reassign 2852 gw0opy SK)	
F5	PBL	CLAUDE(lz5kf)	7722	M0	RHB	ROD	8907	G0	SWU	PETE	1389	G0	UKX	RAY	1618
M3	PBZ	PAT	9802	G3	RHP	JOHN	1879	JG0	SXC	MAN	8934	G4	UKZ	RAY	0148
ZL1	PC	PAUL	9073	G4	RHR	KEN	2248	G0	SXG	KEITH	1138	G4	ULT	LES	0675
M0	PCB	IAIN	7194	G4	RHT	GORDON	10800	G0	SZR	BRIAN	10805	EA6	UN	JUREK	9816
ZL1	PD	ALISON	9623	G0	RIQ	DOUG	2255	DJ5	TA	AMDRE	10863	G3	UNM	ALF	7111
G0	PDM	MIKE	1343	G0	RJM	ALAN	9845	GW0	TAU	PAUL	8315	DL4	UNY	ANDRE	10877
G0	PEH	TONY	1657	G0	RKD	STUART	0971	G0	TBB	BOB	1135	I1	UP	GEORGE	5549
G8	PG	GUS	9848	G0	RKT	DAVID	1066	G0	TBD	TERRY	1163	G0	UPL	HANS	8957
VK4	PG	GREG(ZL3GD)	9075	GB2	RL	CLUB	8933	M3	TBG	TIM	8976	G0	UPU	ROGER	1643
VK6	PG	ALAN	9018	G3	RLF	DON	7720	IK5	TBK	Steve	2247	G0	UQF	GRANT	1383
G3	PHU	SAM	10807	G0	RLW	ALAN	0902	G0	TCF	PETER	1340	G8	UQV	FRANK	8380
GM3	PIP	PETER	1883	MW0	RMS	DEN	8972	G3	TDL	RICH	8926	G3	URA	DICK	7167
GW0	PJX	CHRIS	0950	IK2	RMZ	MARTIN	0853	G7	TDL	CHARLES	6486	GI0	USC	JOHN	1387
G3	PLE	DUKE	9897	M0	RNA	STEVE	10891	G3	TDP	ANDY	8931	JK7	UST	HIRO	7178
G3	PLJ	PETER	6031	G3	RNB	STAN	3731	2W0	TDU	TREVOR	9896	G0	USY	KEN	3738
GB2	PLY	HMS Plymouth	6092	G3	ROC	REX	8330	2E0	TED	GRAHAM	10819	G0	UTH	TOM	2895
JR2	PMQ	NOBI	15009	G0	ROS	RICHARD	8365	G3	TEV	MIKE	8971	G0	UUA	WARWICK	1683
G3	PNF	DENNIS	6086	G7	ROY	CLUB	0999	G3	TFV	ED	4828	JA8	UUM	MASA	15019
GW0	PNI	DAVE	1053	ZL1	RP	CLIFF	9661	G0	TIP	GEORGE	0940	G0	UUU	PHIL	6483
G3	PNU	TED	9866	MW3	RPK	HENRY	9878	M0	TIX	ROB	10817	G4	UUV	PETER	0376
G0	POJ	JUDY	0883	G4	RQA	TOM	0036	VK4	TJ	JOHN (VE6XT)	9080	GW0	UWM	JOHN	1810
G0	POT	MICHAEL	9875	M3	RRH	ROBIN	9834	G0	TKT	PETER	1126	GM3	UWX	JIM	7793
G4	PPG	JIM	1189	G3	RSF	ALAN	1877	G3	TLF	FRED	1853	G0	UZH	STEPHEN	1829
G0	PPI	DEREK	1639	G3	RSP	ALAN	1847	M0	TLT	TREVOR	8946	VK3	VB	PETER	9071
G1	PPK	JOE	1375	M0	RSY	ANDREW	9801	G0	TLU	PETER	10803	G0	VBT	HOWARD	1682
G4	PPK	CLIVE	0244	GW3	RVG	DON	7195	CO6	TM	TOM	9854	GM0	VCQ	JIM	2299
G4	PPV	GRAHAM	0134	G0	RVK	MIKE	7156	GI3	TME	ROBERT	5514	G0	VCY	PHILIP	2277
DJ1	PQ	ROB	6022	G0	RWB	ALAN	10804	M0	TMK	COLIN	10862	G0	VD	KLAUS	2823
G0	PQU	CYRIL	1676	G4	RWP	EDI	0286	G0	TMX	TERRY	1862	DL1	VDI	JOHN	1840
G4	PRL	ROY	8997	G3	RXH	HOWARD	8918	G0	TNU	GRA	8339	G0	VDL	JOHN	0059
VK2	PS	STEVE	9022	GM3	RXU	IAN	10836	G0	TOC	MARC	10810	G3	VDV	NEVIL	9815
G4	PTE	KEN	0723	GM7	RYK	GORDON	10824	M1	TOP	TOPY	8923	G0	VDZ	NIGEL	10806
ZL3	PTP	PAUL	9650	G3	RYZ	MICK	6081	G4	TPV	GEORGE	9879	G0	VEI	BAZ	3752
M0	PTR	PETER	8369	PA9	RZ	ROBERT	1377	G0	TQT	JOHN	1381	GW0	VEM	ALAN	6047
GW4	PUC	RAY	6466	MW0	RZC	GEORGE	10842	G8	TQV	RS	10811	GW3	VEN	ALAN	9804
M0	PVP	BRIAN	9837	M0	RZZ	KEN	9835	G0	TRD	TROND	10802	G0	VFV	BOB	1684
DJ7	PW	WOLF	8395	ON6	SAS	PHILIP	10853	G3	TRU	HARRY	2233	G0	VG	PETE	7731
HA7	PW	LACI	10886	GW3	SB	CHARLES	0345	JE1	TRV	ATSU	7763	G0	VGf	DAVE	1852
ZL4	PW	PAUL	9636	G0	SBH	TED	1655	M0	TRV	TREVOR	7769	G3	VGR	DAVE	7180
G4	PWM	DAVID	2899	G4	SCB	MIKE	9874	G3	TSK	COLIN	6409	G3	VGU	JOHN	8919
GW4	PWZ	PETER	0876	G0	SCP	TOM	4885	G3	TTB	PETER	2264	F5	VGy	HANS	7766
GM0	PXV	PETER	1057	G0	SDD	CHRIS	2891	G4	TTF	CLUB	6471	G4	VHH	FRED	0219
I7	PXV	VIN	1342	G0	SDO	DAVE	5565	G3	TTH	TEX	0995	G3	VHL	HUGH	10818
ZL1	PY	ROD	9622	GW0	SDO	DAVE	2861	2E0	TTP	GLYNN	9846	G4	VHM	MIKE	7749
G3	FYH	ARNOLD	6051	DL5	SE	DAN	3764	G4	TTX	ROY	9893	GM0	VIT	BILL	1665
EA5	QB	JOSE	8909	M3	SEN	JIM	10854	G4	TTY	TED	6412	G0	VJ	STAN	1824
VK3	QB	sm0yks CHRIS	9085	G4	SFN	JIM	8384	G3	TUX	CHRIS	1307	G8	VL	IAIN	0890
VK4	QC	PETER	9626	GW0	SGG	BILL	1602	G3	TVH	TAKA	15014	G3	VLU	EDDIE	2213
OH7	QR	ERKKI	8318	G0	SGQ	MALCOLM	6004	G3	TVI	ROD	0747	G4	VLW	ROGER	3789
ON6	QS	GIL	8323	JL3	SIK	JEAN	9836	VK7	TW	JUSTIN	9077	G0	VMK	PETER	2882
JR0	QWV	TARO	5578	G3	SIO	JIM	3796	ZL2	TW	STUART	9086	G3	VMP	BRIAN	6407
PA7	RA	RIEN	9819	G4	SIS	RON	6410	M0	TWA	DAVID	9856	GW0	VMR	PAT	7157
G4	RAP	VIC	0064	G3	SJE	JOHN	0391	GW0	TWL	MARTIN	9890	GW0	VMX	KEN	8927
M5	RAR	RAY	8944	G0	SLZ	ALAN	10820	ZL2	TX	NIGEL	9040	G3	VNG	DAVE	1097
9A4	RC	ROBERT	8393	9A3	SM	MATO	7785	G3	TXK	CHRIS	2881	G4	VOJ	ART	0007
VK4	RC	/VK4IZ Redcliffe	9066	G0	SOP	ANDY (pa1sop)	8988	IK1	TXL	MIKE	5504	GW3	VOL	JEREMY	4876
		Amateur R. C.		PA1	SOP	ANDY (g0sop)		G0	TYH	PETER	8917	G3	VQO	LES	0874
G0	RCB	TED	1687	G4	SOZ	DEREK	7704	G0	TYM	TIM	3713	G0	VQW	SANDY	3739
G0	RCE	KEITH	1054	GI4	SRQ	GEORGE	0662	OH3	TZ	TIMO	7109	I2	VRF	GIAN	8325
G4	RCG	JOHN	4829	M0	SSF	PETR	7708	G3	UAA	ALF	5519	M0	VRT	LAURIE	8974
GW0	RCG	RON	6048	G0	SSG	REG	1169	ON4	UAA	ERNI	3793	G3	VRU	ERIC	4865
GW3	RDB	CLUB	10867	G4	SSH	ROY	0999	G0	UAD	TERRY	5500	ZL1	VS	BILL	9603
G4	RDM	PETER	0186	MW0	SSL	STEVE	8366	G0	UBE	JOHN	0934	G0	VSS	RAY	1812
G0	RDO	JOHN	6459	G3	STD	St.Dunstons	6400	G0	UBO	ERNIE	7183	GW0	VSW	CARL	1887
DJ3	RE	HANS	1894			ARC		G0	UER	CYRIL	2232	G0	VTE	CLIFF	6052
VK4	RE	ROY	9656	G0	STE	STEVE	1875	GW0	UHJ	BILL	1868	GM3	VTH	DAVE	8342
G0	REA	ROMA	0895	G0	STK	ALLAN	8984	G0	UHM	LES	3735	G0	VTI	TERRY	1807
ZL1	RED	WILL	9089	G0	STR	BILL	1609	G4	UHM	STEVE	0304	G0	VTN	RON	1851
M5	REG	REG	9829	M0	STS	GORDON	10832	JA7	UHM	MASA	0018	G3	VUN	GLORIA	1620
MW1	RES	FRANK	10834	G4	SVC	TIM	7102	G4	UIA	DEREK	3714	G4	VUX	GRAHAM	3744
ZL3	REX	REX	9640	G0	SVX	IAN	2223	G4	UIQ	EDDIE	6441	9V1	VV	JOHN	8998
G3	RFH	KEN	8389	M0	SWL	BRIAN 2s0gwr	7136	G0	UJD	MERV	1680	G4	VVK	BERNARD	0838
G0	RG0	MALCOLM	1134	ZL2	SWR	South Wairarapa	9618	VK2	UK	EDWARD	9620				



G3	VVP	FRED	5541
G3	VVT	COLIN	0713
G0	VVZ	DAVID	3721
RA3	VY	VICTOR	1110
G0	VYR	NORMAN	2844
G0	VYT	MICK	4831
VK2	VZB	LLOYD	9083
G0	VZV	DAVE	2286
G0	VZX	PETE	3715
G0	WAF	STEVE	5523
M0	WAH	ALAN	5557
G0	WAS	ALAN	2828
G0	WAY	BOB	2292
G0	WBC	CHRIS	2261
G4	WBN	TREV	0381
G0	WBT	JEAN	2855
G0	WCB	ALAN	3772
GM4	WCE	PETER	0660
M3	WDH	BILL	9844
G0	WDT	EDWARD	4868
M0	WDX	HUW	9812
GM0	WEZ	PETE	9832
G0	WFM	PETER	1880
BV2	WG	YANG	8978
G0	WHJ	DON	6447
G0	WHO	ROBERT	6013
G0	WHV	ROGER	7137
G3	WH	FRED	0559
6Y3	WJ	JOSH (g0nan)	4847
9A2	WJ	DAKI	7767
G4	WJM	BILL	9841
G4	WKG	ROB	0079
G0	WKJ	CHRIS	2239
G0	WKS	ERIC	6452
G0	WKW	VIC	9808
GM4	WLN	BOB	5597
G0	WLP	ERNEST	4867
G0	WLS	BRIAN	2227
G0	WLX	ALAN	2208
G0	WMC	PETER	2279
G0	WMD	MAX	10888
GW0	WMT	STUART	4852
G0	WMW	DOUG	2813
G4	WNA	TONY	0598
GW0	WNB	SID	1892
G3	WNI	BILL	0413
G3	WP	JACK	0310
G0	WPZ	JOHN	1814
G4	WQO	PAUL LW1HPT	5518
GW0	WQP	DAVE	6029
G3	WQU	/E4 PETER	8306
BV2	WS	CHUNG	8977
G0	WSC	ROB	4812
G4	WSL	ROY	7733
F3	WT	PIERRE	8916
ZL1	WT	BERNARD	9065
ZL2	WT	DAVID	9067
G4	WTD	COLIN	1841
G4	WUM	FRANK	8331
G5	WW	PAUL	1345
G3	WWT	JOHN	1114
G0	WXC	ROY	3760
G4	WYG	BRIAN	0449
G0	WYW	DAVID	3770
G0	WZX	BRIAN	3704
G0	XAH	DAVID	2222
G0	XCF	COLIN	2296
G6	XCJ	REB	10855
G4	XEC	Laurie	8952
G3	XED	CYRIL	6093
PA7	XG	MIKE	2260
M3	XGQ	TONY	8949
G4	XHE	RICHARD	1365
G4	XHZ	FRANK	0008

JA8	XIC	KATO	8951
G4	XJU	Laurie	0153
DL5	XL	FELIX	10845
G3	XLW	DAVID	8388
G3	XMM	TOM	1395
G3	XNE	ART	7726
G4	XPE	MIKE	0100
GW4	XQH	JOHN	0576
VE6	XT	JOHN (VK4TJ)	9080
VK3	XU	DREW	9629
G4	XVE	JOHN	0342
G3	XVF	RICHARD	0716
GM4	XVF	TONY	0009
VK4	XY	GEORGE	9069
G3	XYS	MARK	8904
G3	XZQ	RON	3762
G3	YER	DAVID	9809
G4	YFD	FRANK	0486
G4	YHN	AKE	8304
DF2	YJ	JUR	8356
G4	YJB	RON	0601
SM0	YKB	vk3qb CHRIS	9085
G4	YLB	JIM	0492
JL3	YMV	FISTS JA	15000
		National Club	
LA5	YNA	VERNER	10869
G4	YNU	JOHN	0073
G4	YRF	KEN	2266
G3	YSK	JOHN	6497
G4	YSQ	TERRY (0344)	8939
G4	YSS	JOHN	6482
JE7	YTQ	CLUB	15100
G3	YVH	ALAN	2202
G4	YVY	TIM	10881
G4	YWP	DAVE	7705
G3	ZDD	DEREK	1312
G3	ZFZ	GORDON	2886
G4	ZGP	GEOFF	3763
G3	ZHE	ALBERT	5584
G3	ZHP	DAVID	9847
G4	ZIB	TONY	0811
ON6	ZJ	LEON	4889
G3	ZJJ	MIKE	0274
G4	ZJK	RON	4800
G4	ZLX	KEN	2258
G4	ZME	ERIC	5587
G3	ZNR	DEREK	2816
G3	ZNT	DICK	6421
G3	ZOD	GRA	8385
G3	ZOH	BRIAN	9876
G3	ZPF	DAVID	0355
G4	ZPY	GORDON	2278
G3	ZQS	GEO	0002
G3	ZRB	HARRY	6469
G3	ZRJ	TONY	7727
G3	ZRZ	IAN	0781
TA4	ZT	HEINZ (dk1ar)	8390
G4	ZUL	STEVE	9827
GW4	ZVL	HENRY	0538
G3	ZWF	JOHN	1896
G4	ZWI	FRED	9889
GW4	ZWO	ADE	9864
DK5	ZX	DIETER	10893
G4	ZXN	MARTIN	0103
JO1	ZZZ	JARL A1 CLUB	15200

Pete	G SWL2	UK	4822
Gene			6868
Vic	G SWL3	UK	8920
David	WAKL		9227
Melvin			9302
Colin	ZL/VK No call		9663
Tomasz			10192
Noelle			11166
Anthony			11523
Billy			11541
James			11542

Listed below are proud FISTS members who have commercial calls, maritime calls, SWLs and other CW supporters. Some may have Ham calls pending.

Linea	SWL #KCT1EW	3036
Paul	CZDO	4587

**FISTS Clubs**                      **Corrections?**  
**North, Central, South America, etc.**

n7cfa@msn.com

2/7/2006

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<b>AC9BP</b>	Indiana Brass Pounders	10050
<b>K0AAA</b>	Zed's Dxers	9900
<b>K0EFD</b>	Ellicott Volunteer Fire Dept ARC	10175
<b>K0ND</b>	Theodore Roosevelt ARC	6100
<b>K1FFF</b>	New England CW Club	6200
<b>K1USN</b>	USS Salem Radio	9239
<b>K2BNL</b>	Brookhaven National Laboratory	10700
<b>K2FFF</b>	Fists of Long Island CW Club	7450
<b>K2FOP</b>	Fraternal Order of Police #145	6700
<b>K2VOA</b>	Piscataway Amateur Radio Club	10975
<b>K2XOX</b>	CW Operators Club	11850
<b>K3AU</b>	South Shore ARC (Maryland)	11175
<b>K3DOV</b>	Central Delaware Skywarn	7316
<b>K3MJW</b>	Skyview Radio Society	11625
<b>K4EG</b>	Alamance ARC	11375
<b>K4FFF</b>	FISTS CW Club of Florida	7000
<b>K4FUN</b>	Stone River ARC	11100
<b>K4QWF</b>	Oscar Russ Chambers Memorial ARC	11425
<b>K4SPC</b>	St. Petersburg College ARC	11566
<b>K4UH</b>	Med Wireless Society of Bay Pines	12100
<b>K4VOC</b>	Vortex of Chaos	11290
<b>K5FFF</b>	Pouncing Fox ARC	9750
<b>K5PTC</b>	Pesky Texan Contest Club	9725
<b>K5TCC</b>	Tarrant County College	7400
<b>K6BA</b>	Gopher Canyon DX Association	11555
<b>K6FFF</b>	Vista Valley FISTS CW Club	4444
<b>K6FGA</b>	Flour Garden ARC	11225
<b>K6JSS</b>	ARCI-QRP	12000
<b>K6QR</b>	Quantum Reality Radio Society	12075
<b>K6TTX</b>	East Bay Contest Society	4600
<b>K7FFF</b>	FISTS Northwest	4400
<b>K7LOW</b>	QRPacific QRP	7825
<b>K7UAZ</b>	University of Arizona ARC	10900
<b>K8EY</b>	FISTS CW Club of Michigan	3400
<b>K8FST</b>	Fairborn FISTS	9200
<b>K8LGN</b>	Hocking Valley ARC	10225
<b>K9CWD</b>	Hoosier Lakes Amateur Radio Club	10750
<b>K9IM</b>	9-0-4 Amateur Radio	8100
<b>K9WM</b>	Green River Valley AR Society	11275
<b>K9YA</b>	Robert F. Heytow Memorial RC	9500
<b>KB7JOB</b>	Brinnon Amateur Radio School	7800
<b>KC5NWS</b>	HF Loafers	4950
<b>KC7EQW</b>	Coronado Amateur Radio Club	8675
<b>KC7WNV</b>	Davis County	4175
<b>KC8VC</b>	Mich-A-Con Club	10150
<b>KD5ZBF</b>	Pumpkin Patch Contesters	10375
<b>KE7FGK</b>	Maliby Radio Club	11925
<b>KE7FSG</b>	Utah CW Operator's Club	12025
<b>KE8RV</b>	Madison County	10950
<b>KG4GPV</b>	Queen City CW	7350

<b>KG4VJS</b>	Springstead High School ARC	11700
<b>KG4VLC</b>	Carolinas FISTS Club	9450
<b>KG6YSX</b>	Orange Amateur Radio Club	11445
<b>KH6BB</b>	Battleship Missouri ARC	11222
<b>KH6IS</b>	Iolani School Club	11490
<b>KH6JHM</b>	PAC R.A.T.S. DX Club	11491
<b>KH6KH</b>	Honolulu Chapter 206 QCWA	11750
<b>KH6RAT</b>	Pacrat ARC	11370
<b>KH6WO</b>	Honolulu ARC	11221
<b>KI4HJQ</b>	Weiss Lake ARC	11200
<b>KI6ADM</b>	Minuteman ARC	11789
<b>KI6DX</b>	Littlerock Contest Club	10775
<b>KK8STA</b>	ST. Antoninus School Radio Cl	7850
<b>KM1CC</b>	Cape Cod Visitors Center Club	9575
<b>KN0WCW</b>	FISTS USA	10000
<b>KP4BY</b>	Puerto Rico CW and Contest Club	10675
<b>KS0CW</b>	Kansas CW Club	10425
<b>KS9SSS</b>	Family Amateur Radio Club	11050
<b>NOHT</b>	Haney Vo-Tech ARC	11220
<b>N1ME</b>	Pine State Amateur Radio Club	10725
<b>N1ZIZ</b>	Genesis Amateur Radio Club	10575
<b>N2MO</b>	Ocean Monmouth ARC	11400
<b>N4ENC</b>	Eastern NC CW Club	12050
<b>N4JBB</b>	John Bruce Beveridge Memorial R C	4571
<b>N4SDM</b>	Sam Davis Memorial CW Club	10600
<b>N5FFF</b>	Red Stick FISTS	9250
<b>N6VOA</b>	IBB Delano ARC	10450
<b>N7CRG</b>	Clearfield Syracuse Emerg. Radio	2797
<b>N7KE</b>	Redmond Top Key Contest Club	11800
<b>N8CWG</b>	PhonLess in America Morse	3500
<b>NA3QC</b>	North American QRP CW Club	11900
<b>NB6GC</b>	USS Hornet	5600
<b>NC4CW</b>	FISTS Club of Coastal Georgia	5200
<b>ND1U</b>	Notre Dame ARC	5650
<b>NJ2BB</b>	Battleship New Jersey	9262
<b>NJ6VT</b>	USS Pamanito	3077
<b>NK3ST</b>	USS Torsk	6600
<b>NN3SI</b>	The Smithsonian ARC	11333
<b>NU5DE</b>	Naturist ARC	8050
<b>NY3EC</b>	USS Requin	1443
<b>VA2FFF</b>	FISTS in Quebec Club	11125
<b>VA3BRC</b>	Brockville ARC	10100
<b>VA3FFF</b>	Canadian Club	9325
<b>VA7TRS</b>	Thompson River ARS	9400
<b>VE3CGJ</b>	Haida (Ship)	7230
<b>VE3HRC</b>	Heritage Amateur Radio	7300
<b>VE3LTQ</b>	Little Thunder ARC	10325
<b>VE3SCA</b>	Algoma Senior's Electronic Communicators	10025
<b>VE6SSC</b>	Edmonton Odysseum Am. Station	9950
<b>VE9CRM</b>	Club Radio Amateur du Madawaska	8600
<b>W0EQO</b>	Courage HandiHams	10075
<b>W0ICT</b>	South Heartland Amateur Radio Contest Club	11444

<b>W0JER</b>	<b>Magic City QRP Club</b>	<b>11975</b>
<b>W0SCI</b>	<b>Science Center of Iowa</b>	<b>11475</b>
<b>W0ZSW</b>	<b>HandiHam System of Minnesota</b>	<b>10073</b>
<b>W1AEC</b>	<b>S.E. Mass. Amateur Radio Club</b>	<b>10555</b>
<b>W1AQ</b>	<b>Radio Amateurs of New England</b>	<b>7950</b>
<b>W1AW</b>	<b>Operators Club. ARRL HQ</b>	<b>10200</b>
<b>W1AWW</b>	<b>Walled Lake ARC</b>	<b>8450</b>
<b>W1FFF</b>	<b>SW NH FISTS Club</b>	<b>11250</b>
<b>W1RRC</b>	<b>West River Radio Club</b>	<b>11450</b>
<b>W2LZ</b>	<b>Walton Radio Association. NY</b>	<b>9100</b>
<b>W2MO</b>	<b>Madison-Oneida County Club</b>	<b>8250</b>
<b>W2ZJ</b>	<b>Elmira Amateur Radio Club</b>	<b>11000</b>
<b>W2ZQ</b>	<b>Delaware Valley</b>	<b>5850</b>
<b>W3DV</b>	<b>Woodwardville ARC</b>	<b>1975</b>
<b>W3GR</b>	<b>Historical Electronics Museum</b>	<b>9275</b>
<b>W3HZW</b>	<b>Kent County ARC</b>	<b>2512</b>
<b>W3IYQ</b>	<b>E.L. "Doc" Sielke Memorial</b>	<b>8500</b>
<b>W3PGA</b>	<b>Aero Amateur Radio Club</b>	<b>11525</b>
<b>W4BPH</b>	<b>Bay Pines Vet. Hospital Club</b>	<b>8075</b>
<b>W4BPR</b>	<b>Battleship Park Radio Club. Inc</b>	<b>11950</b>
<b>W4DIT</b>	<b>Cedar Forest QRP Group</b>	<b>11355</b>
<b>W4FCR</b>	<b>FISTS QSL Bureau</b>	<b>7007</b>
<b>W4FFF</b>	<b>FISTS Club of North Carolina</b>	<b>9700</b>
<b>W4GAC</b>	<b>St. Petersburg Amateur Radio</b>	<b>7875</b>
<b>W4GGM</b>	<b>Maury ARC</b>	<b>5700</b>
<b>W4HFH</b>	<b>Alexandria Radio Club</b>	<b>2963</b>
<b>W4MVZ</b>	<b>Working Class Telegraphy</b>	<b>7600</b>
<b>W4UJ</b>	<b>The Henry Felton Memorial Radio Club</b>	<b>11600</b>
<b>W4UOT</b>	<b>Middle Tennessee ARC. Inc.</b>	<b>10300</b>
<b>W5AS</b>	<b>QCWA #63 Club</b>	<b>11263</b>
<b>W5BYU</b>	<b>Bayou Club</b>	<b>5999</b>
<b>W5DAR</b>	<b>Deming ARC</b>	<b>7500</b>
<b>W5KL</b>	<b>Leland Smith Memorial Club</b>	<b>6780</b>
<b>W5MSQ</b>	<b>Houston QRP Club</b>	<b>11025</b>
<b>W5PAA</b>	<b>Aeronautical Center ARC</b>	<b>11575</b>
<b>W5YA</b>	<b>High Desert Wireless Club</b>	<b>5300</b>
<b>W6MTC</b>	<b>Morse Telegraph ARC</b>	<b>10350</b>
<b>W6OI</b>	<b>10-10 International</b>	<b>8700</b>
<b>W6RO</b>	<b>Queen Mary Radio Room</b>	<b>9350</b>
<b>W6VLD</b>	<b>Boeing Employees Amateur Radio Society</b>	<b>11295</b>
<b>W7DG</b>	<b>Lower Columbia ARC</b>	<b>5777</b>
<b>W7DK</b>	<b>Radio Club of Tacoma</b>	<b>10500</b>
<b>W7FST</b>	<b>Reno QRP Group</b>	<b>5900</b>
<b>W7JD</b>	<b>South Tacoma ARC</b>	<b>10525</b>
<b>W7PXL</b>	<b>Radio Valley Club</b>	<b>8800</b>
<b>W7SU</b>	<b>Ogden ARC</b>	<b>7001</b>
<b>W7TU</b>	<b>Utah's Dixie DX and Contest</b>	<b>9475</b>
<b>W7VMI</b>	<b>Vashon-Maury Island ARC</b>	<b>11550</b>
<b>W8AG</b>	<b>Catalpa ARS</b>	<b>4300</b>
<b>W8BAA</b>	<b>Chippewa ARC</b>	<b>10400</b>
<b>W8DC</b>	<b>Grand Rapids ARA</b>	<b>11460</b>
<b>W8DXI</b>	<b>Michigan DX Association</b>	<b>9300</b>
<b>W8EOC</b>	<b>Medina 2 meter Group</b>	<b>10250</b>

<b>W8FFF</b>	<b>Ohio Valley FISTS</b>	<b>7200</b>
<b>W8LKY</b>	<b>Alliance ARC</b>	<b>6360</b>
<b>W8NCK</b>	<b>Sandusky Valley ARC</b>	<b>8200</b>
<b>W8PIG</b>	<b>Flying Pigs QRP</b>	<b>7373</b>
<b>W8QQQ</b>	<b>Shiawasee County ARC</b>	<b>11325</b>
<b>W8TCM</b>	<b>Cherryland ARC</b>	<b>6800</b>
<b>W9AXD</b>	<b>Rockford FISTS</b>	<b>7250</b>
<b>W9AZ</b>	<b>Kankakee Area ARA</b>	<b>11495</b>
<b>W9FFF</b>	<b>FISTS of Illinois</b>	<b>6900</b>
<b>W9IDE</b>	<b>W. Indiana Digital</b>	<b>2955</b>
<b>W9VT</b>	<b>Tri Town Radio Amateur Club. Inc.</b>	<b>11875</b>
<b>WAIRES</b>	<b>Penobscot County Club</b>	<b>11075</b>
<b>WA1USA</b>	<b>Pawtuxet Valley ARC</b>	<b>8400</b>
<b>WA2NPP</b>	<b>Rutgers University ARC</b>	<b>8150</b>
<b>WA4UXJ</b>	<b>Central Kentucky ARC</b>	<b>11150</b>
<b>WA4VVA</b>	<b>Floyd H. Martin, Jr. ARC</b>	<b>11500</b>
<b>WA6FFF</b>	<b>Inland Empire</b>	<b>6300</b>
<b>WA7YYY</b>	<b>Cowlitz FISTS ARC</b>	<b>1900</b>
<b>WB0RMK</b>	<b>SMARTS SW Metro Amateur Radio Transmitting Society</b>	<b>10550</b>
<b>WB5NET</b>	<b>Southeast Louisiana ARC</b>	<b>10275</b>
<b>WC4AR</b>	<b>Wilson Amateur Radio Club</b>	<b>10625</b>
<b>WC4CW</b>	<b>Low Key Contesters</b>	<b>5100</b>
<b>WC5T</b>	<b>Williamson County ARC</b>	<b>8000</b>
<b>WD8IEL</b>	<b>Chelsea ARC</b>	<b>11395</b>
<b>WH0DAT</b>	<b>Who Dat Radio Gang of Saipan</b>	<b>11300</b>
<b>WI8E</b>	<b>Swartz Creek RF Club</b>	<b>11350</b>
<b>WP4NNE</b>	<b>Tornado Ham Radio Club</b>	<b>10475</b>
<b>WQ3RP</b>	<b>Maryland Milliwatt</b>	<b>5059</b>
<b>WS9CAN</b>	<b>Southern Counties Amateur Network</b>	<b>9550</b>

**Europe, UK, Asia, JA, ZL, VK etc.**

<b>2E0000</b>	<b>Scarborough ARC</b>	<b>7777</b>
<b>9A0CW</b>	<b>HVRATSKI Club</b>	<b>7795</b>
<b>9A1CTL</b>	<b>Radio Club LIPIK</b>	<b>9821</b>
<b>G0GGU</b>	<b>Club</b>	<b>0491</b>
<b>G0IPX</b>	<b>HQ Club</b>	<b>0001</b>
<b>G2HDF</b>	<b>Club</b>	<b>7782</b>
<b>G3CRC</b>	<b>Club</b>	<b>8301</b>
<b>G3LRS</b>	<b>Leicester Radio Society</b>	<b>6411</b>
<b>G3STD</b>	<b>St. Dunstons ARC</b>	<b>6400</b>
<b>G4BPO</b>	<b>CLUB (Also GX4BPO)</b>	<b>10865</b>
<b>G4TTF</b>	<b>Bishops Auckland ARC</b>	<b>6471</b>
<b>GB2BP</b>	<b>Museum Club</b>	<b>1890</b>
<b>GB2MC</b>	<b>The Mockleburg Collection</b>	<b>6063</b>
<b>GB2PLY</b>	<b>HMS Plymouth</b>	<b>6092</b>
<b>GB2RL</b>	<b>Roker Lighthouse</b>	<b>8933</b>
<b>GC0EJE</b>	<b>Pembrokeshire ARC</b>	<b>8390</b>
<b>GW3RDB</b>	<b>CLUB</b>	<b>10867</b>
<b>GX0BAR</b>	<b>Brickfield ARS</b>	<b>8359</b>
<b>GX0IPX</b>	<b>HQ Club</b>	<b>0001</b>
<b>GX0NWM</b>	<b>Tynemouth ARC</b>	<b>8908</b>
<b>GX0000</b>	<b>Scarborough Special Events</b>	<b>1000</b>

**FISTS Clubs****Corrections?****n7cfa@msn.com****2/7/2006****3**

<b>GX3EEO</b>	Nunnsfield House ARC	7101
<b>GX4BPO</b>	CLUB (Also G4BPO)	10865
<b>JE7YTQ</b>	FISTS-JA7 Club	15100
<b>JL3YMV</b>	FISTS JA National Club	15000
<b>JO1ZZZ</b>	JARL A1 Club	15200
<b>M0ERG</b>	Club	9838
<b>M5HDF</b>	Midland Contest Group	8340
<b>MX0CCF</b>	Scarborough College CCF	6499
<b>MX5IPX</b>	FISTS Club HQ	7778
<b>RZ1AWG</b>	Club	5509
<b>VK2FDU</b>	FISTS Down Under Australia	9610
<b>VK4RC</b>	/VK4IZ Redcliffe ARC	9066
<b>ZL2SWR</b>	South Wairarapa Radio Club	9618
<b>ZL6FF</b>	FISTS Down Under New Zealand	9600



FISTS CW CLUB  
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Hadley MI 48440

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There are ten issues of The Keynote each year.

This is Issue 1, the Reference Issue. Please read it and hold on to it for future reference (hence, the name “Reference Issue”). I have tried to include information on things you need to know to get the most out of your FISTS membership.

If you have any suggestions for inclusions in next year’s Reference Issue, please let me know!

Please check your label for your renewal month and year.

73,

Nancy WZ8C