

**ITEM 10. INTERNATIONAL REPLY COUPONS**

Definition: International Reply Coupons (IRCs) are a form of prepayment of postage. A coupon can be exchanged at post offices in all countries for postage stamps representing the minimum postage necessary to prepay an unregistered letter (air or surface).

Rate: International reply coupons now cost \$1.25.  
 Air Mail: One coupon per air mail letter.

Exchange of coupons in Canada: Coupons purchased in any country including Canada may be exchanged for \$0.86 in Canadian postage for each coupon. Up to 100 coupons may be exchanged at any one time. For quantities in excess of 100 coupons, a time convenient to both the customer and the postal agent should be decided upon to complete the transaction.

Hot Bananas, Oakville ARC Bulletin

**ITEM 12. DAVE GOODMAN, VE3ZP** has been appointed the CARF Contest Manager. Our thanks to Bill Butler, VE3MNV for acting as interim manager.

**ITEM 16. STATISTICS OF INTEREST**

**CANADIAN AMATEUR RADIO LICENCES**

	1988	1989	1990	1991	1992
VE0	165	172	177	201	221
VE1	2,105	2,158	2,149	2,249	2,708
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VY9		2		2	2
<b>TOTAL</b>	<b>24,430</b>	<b>24,954</b>	<b>26,279</b>	<b>29,017</b>	<b>*34,543</b>

\*DOC Records 21, September, 1992

**ITEM 17. THINK SPRING - 23 to 25 April, 1993 - DAYTON (OHIO) HAMVENTION.**  
 (Plan ahead).

**It's better to sleep on what you plan to do than to be kept awake by what you did.**

**73 de VE3VCA Steve VE3GRS at the keyboard**

**HAMILTON AMATEUR RADIO CLUB SWAPSHOP LISTINGS**

To list items: VE3NCF (146,760) Tuesday 8pm., OR call John (VE3JWJ) 578-4275. Or leave a message on the VE3DC Packet BBS (145,590) or via modem on BBS at 575-4745.

Items accepted should be related to the enjoyment of our common hobby. Amateur Radio-his has been interpreted to include also computer equipment, C.B. and other electronic gear that can be used or converted to Amateur Radio use. All prices are negotiable unless other wise stated. Listings are read over the air for four weeks, published once in The Hamilton Amateur, and posted on the packet and computer BBS VE3DC ( Sysop VE3JSL - Gord) 145,590 and 575-4745. The Swap Shop meets every Tuesday evening, except the summer months at 8:00 p.m. on VE3NCF 146,760. During the Swap Shop, a telephone number is usually provided for those without 2 meter capabilities (SWL's, new hams, etc) to provide access to the net. Number in front of listing is the number of weeks already on.

**AS OF Jan 26 / 93  
 ITEMS FOR SALE LIST**

- 1 VE3HSC, SCOTT, (416)438-3970  
 YAESU FT208R HT, NCB CHR.G. 4 BATTERIES, SP.MIKE, CAR ADAPT, \$300.00
- 1 VE3OKA CARL (416)389-4307  
 TURNER +2 MIKE 4PIN \$60.00
- 1 DAVID, (416)639-5921  
 2009 PRO SCANNER, 8CH. MANUAL \$40.00
- VENTURA MULTI BAND RADIO ANT \$35.00
- TRC222 WALKIE TALKIE, BATTERY, CHARGER, MAN \$40.00
- COURIER CB 23 CHANNEL, POWERMIKE, PWR SUPPLY \$15.00
- 2 VE3TQ, JIM, (416)385-8245  
 TR4930 2MTR 21 MEMORIES, PWR SUPPLY.  
 TSH 830S DRAKE NN4 ANT TUNNER, PHONE PATCH,  
 HEATH KIT KEYS, EARPHONES, 2 COAX SWITCHES, POWER BAR  
 ALL ONE OWNER, \$1100.00 MUST SELL AS PACKAGE...
- 3 VE3VD, PETER, (416)774-8766  
 ICOM IC275A 2MTR ALL MODE, 25WATTS, HAND MIKE MANUAL ETC \$975.000
- 2 VE3JWJ, JOHN, (416)578-4275  
 - JOHNSON DESK MIKE \$60.00  
 - MD-1 YAESU UP + DWN SCAN DESK MIKE \$100.00
- 3 VE3VNG, NEIL, (416)383-6986  
 OLD HEADPHONES 1/4" PLUG \$5.00 EACH
- 3 HARRY (416)385-8294  
 3 EL BEAM MAKO 10-11 METER, 15 FT DOUBLE PIPE MAST  
 40FT. PAINTED TOWER WITH MOUNTED ROTOR, CONTROL BOX ETC.  
 60FT. RG8 HD COAX...\$375.00
- 4 VE3WTE, WHITE, (416)547-0515  
 - DIGITAL FRQ. COUNTER TO 2.0 GIG PORTABLE NEW \$200.00  
 - HEATHKIT SWR:WATT METER HM-102 ..\$25.00  
 - MFJ 1270B TNC VHF/UHF PACKET TNC \$100.00

Don says that the interference we hear is not new. It comes in many forms: intermode, open carriers, no ID, improper operation by hams and intruders. To help with intermode, please use 131.8 tone on your input frequency to open squelch. Each time you key up use VE3-. If you dial a wrong phone number on the autopatch, please say I am sorry or words to that effect.

A few questions from the members would like the Radio Direction Finder to be active. More suggestions to help reduce interference are Be an active member, report time, record voice any characteristics, type of interference to your executive. For those who are having auto patch problems, custom hangup is the route to follow.  
Meeting adjourned at 10:25pm

### THE INTER-PROVINCIAL AMATEUR RADIO NETWORK

IPARN CANADA is a national organization for Canadian Amateurs. This communications network uses geostationary satellites to interconnect our UHF/VHF repeaters and in time will connect amateurs coast to coast. Just think, QSO's with other Hams anywhere in Canada using a handheld radios on 2 meters.

IPARN's Ontario Coordinator Casey VE3NGT, Robert Brown VE3CPE and Chuck Doubrough VE3NCU will be on hand at our February meeting to talk about IPARN and to answer any questions which you always wanted answered.

Emsley Mitchell VE3AM  
Vice President

## THE PACKET ORIENTED PACKET OPERATING HINTS & PROCEDURES INTRODUCTION TO PACKET RADIO - PART 5 - by Larry Kenney, WB9LOZ

USING A PACKET BULLETIN BOARD SYSTEM: This information is based on WORLDFWARE, so the instructions might vary slightly for users of AA4RE, WA7MBL, MSYS or other type systems. Use the H - HELP command on your BBS if some of these commands do not work as described here.

You connect to a bulletin board system (BBS) exactly the same way as you connect any other station. Once connected, you'll receive a welcoming message, some information on the BBS and instructions. This information will vary from system to system. Read the information and instructions carefully. The first time you connect you'll receive a request to enter your name, GTH, zip code and home BBS for the system user file. On some systems, the software will not let you do anything else until you have entered this information. When you receive the welcoming message, you'll note that the last line ends with a >. This is known as the prompt, and is where you enter the command you want performed next.

You enter your name using the letter N followed by a space and then your first name, such as: N Larry. Your GTH is entered using NQ followed by a space then your full city name and two letter state abbreviation, such as: NQ San Francisco, CA. You enter your zip code with NZ followed by a space and your five-digit zip. Your "home BBS" is the system that you plan to use regularly and want all of your personal messages delivered to. Make sure that it's a full service BBS, not a personal mailbox, since only full service systems are included in the message forwarding network. You enter your home BBS by typing NH followed by a space and then the call of the BBS, such as NH W6PW. (Note: SSIDs are not used with BBS operation except for when making the connection. The BBS software ignores all SSIDs.) This user information is stored at the local BBS and is also sent to a central data bank known as the "White Pages Directory". The information can be accessed by anyone. System operators (sysops) use it for determining your home BBS when forwarding messages, and you can use it to find the name, GTH and home BBS of your friends. How to use the "White Pages" will be discussed in part 9 of this series.

When checking in to a BBS for the first time, you should become familiar with the commands available to you. Each BBS or mailbox is a little different from the next, so read the introduction carefully and follow the directions. If you don't know what to do next, enter H for the HELP instructions. Make note of the command letters, enter only one command at a time, and make sure you enter them correctly. Computers are not very forgiving and expect things to be entered in proper form. Take your time, check out the features that the BBS offers and enjoy yourself. There's no need to feel rushed or intimidated. If you get to a point where you don't know what to do next, don't give up and disconnect; enter H again for further HELP. That's what it's here for! I suggest that you make a printer copy of the complete help file so that you have it available as a reference when using the BBS.

Now let's go through the basic procedures you should follow when checking into a BBS. If there are personal messages addressed to your call, the BBS will list them for you following the welcome message. Note the message numbers. At the > prompt, the first thing you should always do is list the new messages, by entering L. The BBS program updates the user file each (cont)

Please use the link system from VE3NCF has a glitch. You can call up the link but you cannot hear any reply. Repairs are in progress, in the mean time for those using this system please use another repeater. When the repairs are finished announcement will be made on the Tuesday net and the newsletter.

#### AUDITOR'S REPORT

I have completed the audit of the club's financial records as delivered to me in December 1992 for the financial year beginning 01 September 1991 and ending on 31 August 1992. I believe the attached balance sheet and transaction record accurately reflects the financial status of the Hamilton Amateur Radio Club as at 31 September 1992.

Opening Balance	\$3,043.84
Income	6,525.02
Expenses and Assets	5,090.74
Asset Increase	3,536.85
Closing Bank Balance	941.27

Dove Rypma, VE3HTC

#### JOB OPENING

An opening exists for a representative for your club's participation in VE3CNE. This is a small important job for getting your feet wet into learning how the club is run. This position is a good starting point for newer members to get involved in running of HARC. Please contact Fiore Manga VE3OQG, our last representative for more details.

Hamilton Amateur Radio Club General Meeting  
January 20, 1993

The regular monthly meeting of the Hamilton Amateur Radio Club (HARC) was held at the Nash Auditorium at Chadoke Hospital. The meeting began at 8:00pm with the Vice-President VE3JAI Emley presiding. Emley welcomed everyone to a New Year and extended a warm welcome to all visitors. VE3OQG Everett is not present tonight due to an illness.

The Order of the Grovel was presented to Fiore Manga VE3OQG for his outstanding performance as President last season. Fiore graciously accepted the award.

Education Co-Ord. Bernie VE3EKY announced that Advanced Classes at Westmont have been cancelled and rebooked to start at CNIB from 1-4pm. The cost is \$50.00 and will begin January 24, 93. Maximum 15. Boris VE3ITY will be the instructor.

Fred VE3GCP, announced that the Around the Bay Race is being scheduled for March 28, 93. The race has been expanded and already 15 volunteers have signed up. This year a mandatory meeting will be held and new people will go with a experienced volunteer.

Also The Ride for Cancer, a morning event will be held on the mountain on April 25. Canadian Skating Championships being held at Copps Coliseum are in need of dispatchers. This is not amateur event due to radios will be on a commercial band, we only are only supplying volunteers to operate base station. The event is February 3-7, 1993.

- L> collign - Lists all messages TO collign indicated. Example:  
L> N6XYZ
- L< collign - Lists all messages FROM collign indicated. Example:  
L< N6XYZ
- L@ designator - Lists all messages that have that "designator" in the @ BBS column of the message header. Example: L@ ALLCAN will list all messages with ALLCAN in the @ BBS column.

**READ COMMAND:** To read a message, you enter R followed by a space then the message number. Example: To read message 5723, you'd enter: R 5723. You also have the option of using the RH command, which will give you all of the forwarding headers in detail, rather than just giving you the path. Example: To read message 5723 with the full headers, you'd enter RH 5723. There is one other version of the READ command, and that's RM. Entering RM by itself will give you all of the messages addressed to you that have not yet been read.

**ERASING MESSAGES:** Once you have read a personal message, please erase it. The sysop will appreciate your help in clearing up "dead" messages. You use the K - KILL command to do this. You can enter K #, such as K 5723, which will erase that particular message, or you can enter KM, which will erase all of the personal messages you have read. If you use the KM command, the BBS will list the message numbers for you as they're killed.

**THE "S" COMMAND:** S (Send) and (Status): The letter S by itself will give you a reading of the BBS status on WORL system, showing the colligns of stations using the system, the time they connected, the ports and tasks they're using, etc. It also shows information on the messages waiting for users and those waiting to be forwarded to other bulletin board systems. S, by itself, on other systems will either prompt you for further information on sending a message, or it will give you an "illegal command" error prompt.

To use the "S" command for sending a message it must be further defined. There are three types of messages found on a packet bulletin board system:  
Personal, Bulletin, and Traffic.  
"SP" is used for sending a personal message to one other station,  
"SB" for sending a bulletin, and  
"ST" for sending a message that's going to be handled by the National Traffic System.

#### THE PACKET OPERATORS Packet Radio continued: PART 6

You're able to send a message to one particular person, to everyone on the local BBS, to everyone at every BBS in Northern California, in Southern California, in the entire state, or all across the entire country. It all depends on your addressing.

At the BBS prompt you enter the appropriate command (SP, SB, or ST) followed by a space and then the addressee. The addressee can be a collign or it can be something of a general nature, such as ALL, GST, ARES, etc. Examples: SP W69LOZ SB ALL SB SALE All commands, of course, must be followed by a <CR>.

(continued:)

**THE HAMILTON AMATEUR RADIO CLUB**  
P.O. BOX 91215, Effort Square Postal Outlet, Hamilton, Ontario L8N 4G4

**CLUB MEETINGS:**

Meetings are held on the third Wednesday of each month except July and August at the Nash Auditorium, Chedoke Hospital. Start time is 8:00pm. Non-members and friends are welcome, coffee and donuts are on the house!

**EXECUTIVE MEETINGS:**

The Board of Directors meets at 7:30pm on the fourth Wednesday of each month in the Radio Room, Red Cross Building, 400 King St East, Hamilton. Members are encouraged to attend.

**CLUB STATION:**

The HARC maintains an emergency radio station in the Red Cross Building, 400 King St East, Hamilton.

**MEMBERSHIP:**

Membership in the Club costs \$25.00 per club year, 1 September to 31 August. Additional family members (no bulletin) are \$1.00 per year.

**EDUCATION and LICENSE TESTING**

Amateur radio license courses are regularly scheduled. License testing through the Club is performed on the second Tuesday of each month (by Appointment). Contact the appropriate person responsible listed on the front cover. Just testes and testor to be present at time of testing.

**REPEATERS:**

VE3NCF 146.760 MHz (input-600) located on the Hamilton escarpment, is available for use by all amateurs. Special features (mailbox, link info) are privileges of membership. Part of the VE3RPT link system. Contact the executive for codes.

**FIELD DAY:**

The Harc operates a multi-station site during FieldDay. Contact the FieldDay Coordinator on the front page for more information.

**SWAP NET:**

A swap net is held on VE3NCF every Tuesday night at 8:00pm except during the summer. The buy and sell listings are also available on the club packet BBS VE3DC operated by VE3JSJ on 145.590 or via modem 5754745.

**FLEAMARKET:**

A fleamarket is held during September each year at the Ancaster Fairground. The 1993 fleamarket has yet to be set. The time will be 9:00am.

**BULLETIN:**

The Hamilton Amateur, the official news bulletin of the Club is published ten times a year and sent to all members (families share a bulletin).

**CRESTS:**

Anyone wanting a Club Crest or a Club Certificate contact VE3VEH Arie Verhoog.

**THE PACKET CORNER**  
Packet Radio continued: PART 6

**FILE DIRECTORY COMMANDS:**

W (What) - Entering W, by itself, gives you a list of the directories available on the BBS along with an associated letter for each directory, called the directory ID.  
Wd - Gives a list of the files in the directory indicated by d. The "d" is the directory ID you obtain with the W command.

D (Download) - Used for reading files from a directory. Must be used with a directory ID and filename using the following form: Dd filename The "d", again, is the directory ID and the filename must be entered exactly as listed in the directory.  
Example: DG FCCEXAM.JNF

U (Upload) - Used for uploading (sending) a file to the BBS. The command must be used with a directory ID, followed by the filename you're assigning to the file, using the form: Ud filename. The d indicates the ID of the directory where you want to enter the file. Filenames can have up to 8 characters preceding the dot and 3 characters following the dot.  
Example: UM REAMKT.JNF would upload a file named FLEAMKT.JNF into the directory with the M ID. The BBS program will not allow you to upload a file with a filename that already exists, and some directories are set by your local syoop for downloading only.

**GENERAL MISCELLANEOUS COMMANDS:**

I (Info) - Gives you details on the hardware, software and RF facilities of the BBS you're using, or on some systems, a page of upcoming events, helpful hints, or other useful information.

J - Displays a listing of stations that were heard by the BBS or that connected to the BBS. Must be used with a port identifier, such as JA, JB, etc. J by itself will list the port IDs for you.

M (Monitor) - Used for monitoring the activity on another port of the BBS. Must be used with a port identifier, such as MA, MB, etc. M by itself will list the port IDs. (Not available on all systems.)

B (Bye) - When you're finished using the BBS, you enter a B to disconnect.

HELP DOCUMENT: Every BBS has help available for the user. Simply enter an H and follow the directions given. In most cases, an H followed by a space and then the letter of the command you want help on will give you the specific information you need. For example, if you wanted to know more about the Download command, you would enter H D at the prompt.

There are other commands available that are specific to the particular software being used. Check your local BBS for a complete list of the commands available to you.

Part 7 & 8 next issue...Enjoy!

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## THE PACKET CORNER

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You enter your name using the letter N followed by a space and then your first name, such as: N Larry. Your QTH is entered using NQ followed by a space then your full city name and two letter state abbreviation, such as: NQ San Francisco, CA. You enter your zip code with NZ followed by a space and your five-digit zip. Your "home BBS" is the system that you plan to use regularly and want all of your personal messages delivered to. Make sure that it's a full service BBS, not a personal mailbox, since only full service systems are included in the message forwarding network. You enter your home BBS by typing NH followed by a space and then the call of the BBS, such as NH W6PW. (Note: SSIDs are not used with BBS operation except for when making the connection. The BBS software ignores all SSIDs.) This user information is stored at the local BBS and is also sent to a central data bank known as the "White Pages Directory". The information can be accessed by anyone. System operators (sysops) use it for determining your home BBS when forwarding messages, and you can use it to find the name, QTH and home BBS of your friends. How to use the "White Pages" will be discussed in part 9 of this series.

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Please. As the link system from VE3NCF has a glitch. You can call up the link but you cannot hear any reply. Repairs are in progress, in the mean time for those using this system please use another repeater. When the repairs are finished announcement will be made on the Tuesday net and the newsletter.

#### AUDITOR'S REPORT

I have completed the audit of the club's financial records as delivered to me in December 1992 for the financial year beginning 01 September 1991 and ending on 31 August 1992. I believe the attached balance sheet and transaction record accurately reflects the financial status of the Hamilton Amateur Radio Club as at 31 September 1992.

Opening Balance	\$3,043.84
Income	6,525.02
Expenses and Assets	5,090.74
Asset Increase	3,536.85
Closing Bank Balance	941.27

Dave Rypma, VE3HTC

#### JOB OPENING

An opening exists for a representative for your club's participation in VE3CNE. This is a small important job for getting your feet wet into learning how the club is run. This position is a good starting point for newer members to get involved in running of HARC. Please contact Fiore Manga VE3OQG, our last representative for more details.

Hamilton Amateur Radio Club General Meeting  
January 20, 1993

The regular monthly meeting of the Hamilton Amateur Radio Club (HARC) was held at the Nash Auditorium at Chedoke Hospital. The meeting began at 8:08pm with the Vice-President VE3JAJ Emsley presiding. Emsley welcomed everyone to a New Year and extended a warm welcome to all visitors. VE3OQX Everett is not present tonight due to an illness.

The Order of the Gravel was presented to Fiore Manga VE3OQG for his outstanding performance as President last season. Fiore graciously accepted the award.

Education Co-Ord. Bernie VE3EKY announced that Advanced Classes at Westmoent have been cancelled and rebooked to start at CNIB from 1-4pm. The cost is \$50.00 and will begin January 24, 93. Maximum 15. Boris VE3ITY will be the instructor.

Fred VE3GCP, announced that the Around the Bay Race is being scheduled for March 28, 93. The race has been expanded and already 15 volunteers have signed up. This year a mandatory meeting will be held and new people will go with a experienced volunteer.

Also The Ride for Cancer, a morning event will be held on the mountain on April 25. Canadian Skating Championships being held at Copps Coliseum are in need of dispatchers. This is not amateur event due to radios will be on a commercial band, we only are only supplying volunteers to operate base station. The event is February 3-7, 1993.

L> callsign - Lists all messages TO callsign indicated. Example:

L> N6XYZ

L< callsign - Lists all messages FROM callsign indicated. Example:

L< N6XYZ

L@ designator - Lists all messages that have that "designator" in the @ BBS column of the message header. Example: L@ ALLCAN will list all messages with ALLCAN in the @ BBS column.

READ COMMAND: To read a message, you enter R followed by a space then the message number. Example: To read message 5723, you'd enter: R 5723. You also have the option of using the RH command, which will give you all of the forwarding headers in detail, rather than just giving you the path. Example: To read message 5723 with the full headers, you'd enter RH 5723. There is one other version of the READ command, and that's RM. Entering RM by itself will give you all of the messages addressed to you that have not yet been read.

ERASING MESSAGES: Once you have read a personal message, please erase it. The sysop will appreciate your help in clearing up "dead" messages. You use the K - KILL command to do this. You can enter K #, such as K 5723, which will erase that particular message, or you can enter KM, which will erase all of the personal messages you have read. If you use the KM command, the BBS will list the message numbers for you as they're killed.

THE "S" COMMAND: S (Send) and (Status): The letter S by itself will give you a reading of the BBS status on WORLI systems, showing the callsigns of stations using the system, the time they connected, the ports and tasks they're using, etc. It also shows information on the messages waiting for users and those waiting to be forwarded to other bulletin board systems. S, by itself, on other systems will either prompt you for further information on sending a message, or it will give you an "illegal command" error prompt.

To use the "S" command for sending a message it must be further defined. There are three types of messages found on a packet bulletin board system:

Personal, Bulletin, and Traffic.

"SP" is used for sending a personal message to one other station,

"SB" for sending a bulletin, and

"ST" for sending a message that's going to be handled by the National Traffic System.

~~THE PACKET COMMANDS~~  
Packet Radio continued: PART 6

You're able to send a message to one particular person, to everyone on the local BBS, to everyone at every BBS in Northern California, in Southern California, in the entire state, or all across the entire country. It all depends on your addressing.

At the BBS prompt you enter the appropriate command (SP, SB, or ST) followed by a space and then the addressee. The addressee can be a callsign or it can be something of a general nature, such as ALL, GST, ARES, etc. Example: SP WB9LOZ SB ALL SB SALE All commands, of course, must be followed by a <CR>. (continued;)

## THE HAMILTON AMATEUR RADIO CLUB

P.O. BOX 91215, Effort Square Postal Outlet, Hamilton, Ontario L8N 4G4

### CLUB MEETINGS:

Meetings are held on the third Wednesday of each month except July and August at the Nash Auditorium, Chedoke Hospital. Start time is 8:00pm. Non-members and friends are welcome, coffee and donuts are on the house!

### EXECUTIVE MEETINGS:

The Board of Directors meets at 7:30pm on the fourth Wednesday of each month in the Radio Room, Red Cross Building, 400 King St East, Hamilton. Members are encouraged to attend.

### CLUB STATION:

The HARC maintains an emergency radio station in the Red Cross Building, 400 King St East, Hamilton.

### MEMBERSHIP:

Membership in the Club costs \$25.00 per club year, 1 September to 31 August. Additional family members (no bulletin) are \$1.00 per year.

### EDUCATION and LICENSE TESTING

Amateur radio license courses are regularly scheduled. License testing through the Club is performed on the second Tuesday of each month (by Appointment). Contact the appropriate person responsible listed on the front cover. Just testes and testor to be present at time of testing.

### REPEATER:

VE3NCF 146.760 MHz (input-600), located on the Hamilton escarpment, is available for use by all amateurs. Special features (mailbox, link info) are privileges of membership. Part of the VE3RPT link system. Contact the executive for codes.

### FIELD-DAY:

The Harc operates a multi-station site during Field-Day. Contact the Field-Day Coordinator on the front page for more information.

### SWAP NET:

A swap net is held on VE3NCF every Tuesday night at 8:00pm except during the summer. The buy and sell listings are also available on the club packet BBS VE3DC operated by VE3JSJ on 145.590 or via modem 575-4745.

### FLEAMARKET:

A fleamarket is held during September each year at the Ancaster Fairground. The 1993 fleamarket has yet to be set. The time will be 9:00am.

### BULLETIN:

The Hamilton Amateur, the official news bulletin of the Club is published ten times a year and sent to all members (families share a bulletin).

### CRESTS:

Anyone wanting a Club Crest or a Club Certificate contact VE3VEH Aris Verhoog.

## THE PACKET CORNER

Packet Radio continued: PART 6

### FILE DIRECTORY COMMANDS:

W (What) - Entering W, by itself, gives you a list of the directories available on the BBS along with an associated letter for each directory, called the directory ID.

Wd - Gives a list of the files in the directory indicated by d. The "d" is the directory ID you obtain with the W command.

D (Download) - Used for reading files from a directory. Must be used with a directory ID and filename using the following form: Dd filename The "d", again, is the directory ID and the filename must be entered exactly as listed in the directory.  
Example: DG FCCEXAM.INF

U (Upload) - Used for uploading (sending) a file to the BBS. The command must be used with a directory ID, followed by the filename you're assigning to the file, using the form: Ud filename. The d indicates the ID of the directory where you want to enter the file. Filenames can have up to 8 characters preceding the dot and 3 characters following the dot.  
Example: UM FLEAMKT.INF would upload a file named FLEAMKT.INF into the directory with the M ID. The BBS program will not allow you to upload a file with a filename that already exists, and some directories are set by your local sysop for downloading only.

### GENERAL MISCELLANEOUS COMMANDS:

I (Info) - Gives you details on the hardware, software and RF facilities of the BBS you're using, or on some systems, a page of upcoming events, helpful hints, or other useful information.

J - Displays a listing of stations that were heard by the BBS or that connected to the BBS. Must be used with a port identifier, such as JA, JB, etc. J by itself will list the port IDs for you.

M (Monitor) - Used for monitoring the activity on another port of the BBS. Must be used with a port identifier, such as MA, MB, etc. M by itself will list the port IDs. (Not available on all systems.)

B (Bye) - When you're finished using the BBS, you enter a B to disconnect.

HELP DOCUMENT: Every BBS has help available for the user. Simply enter an H and follow the directions given. In most cases, an H followed by a space and then the letter of the command you want help on will give you the specific information you need. For example, if you wanted to know more about the Download command, you would enter H D at the prompt.

There are other commands available that are specific to the particular software being used. Check your local BBS for a complete list of the commands available to you.

Part 7 & 8 next issue...Enjoy!