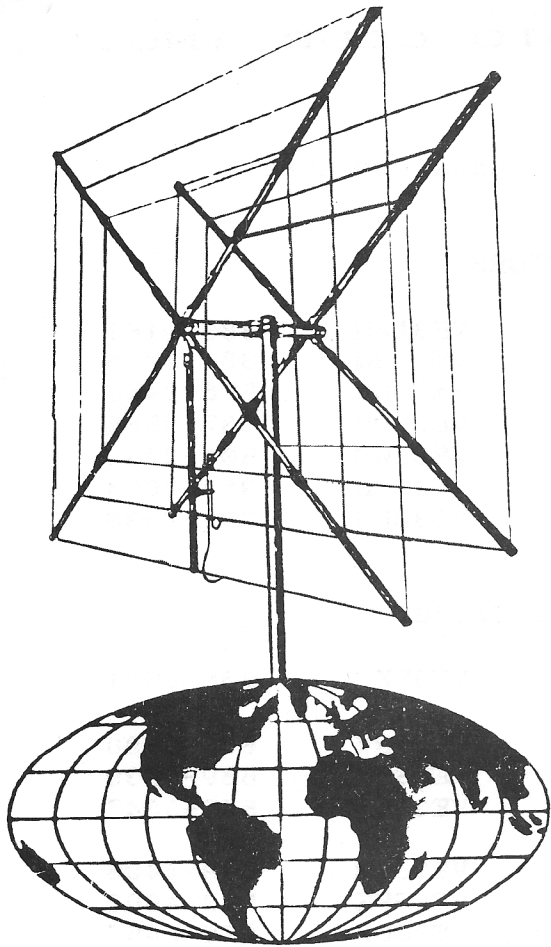


Oct. 187



THE HAMILTON AMATEUR

HAMILTON AMATEUR RADIO CLUB INC.
P.O. BOX 253
HAMILTON, ONTARIO
L8N 3C8



VE3OZY
Rick Danby (M8712)
6 Clinton Street,
Hamilton, ONTARIO,
L8L 3J8.

HAMILTON AMATEUR RADIO CLUB INC.

Established 1932

P.O. Box 253, Hamilton, Ontario, Canada L8N 3C8.

1987 OFFICERS & DIRECTORS

PRESIDENT	:	Gordon Barber	VE3AAH	383-9161
PAST PRESIDENT	:	Glenn Gibson	VE3FHQ	385-2786
1st VICE-PRESIDENT	:	Everett Englert	VE3OQX	578-2458
2nd VICE-PRESIDENT	:	Peter Goodson	VE3DOU	387-2585
SECRETARY	:	Wayne Staat	VE3LWD	561-2253
TREASURER	:	Bob Wilson	VE3CIB	383-2054
MEMBERSHIP	:	George Olenick	VE3BLG	383-7338

COMMITTEE CHAIRMEN & ASSOCIATES

AWARDS & CONTESTS	:	Norman Smith	VE3BK	385-5661
CLUB HISTORIAN	:			
CLUB PROPERTY	:	Bill McCaslin	VE3ARX	634-5190
EDITOR	:	Jim Walsh	VE3SON	689-6839
EDITOR'S ASSISTANT	:	Gordon E Murray	VE3JSJ	575-3647
EDUCATION	:			
EMERGENCY SERVICES	:	Jack Heywood	VE3JTR	689-4406
HEALTH & WELFARE	:	Stan Bolibruch	VE3GFE	528-4002
PROGRAMS	:	Everett Englert	VE3OQX	578-2458
PUBLIC SERVICE	:	Fiore Manga	VE3OQG	560-6329
PUBLICITY	:			
REFRESHMENTS	:	John Faber	VE3CNF	692-3805
REPEATER	:	Glenn Simpson	VE3DSP	385-8478
SWAP NET CONTROL	:	Ralph Tufts	VE3BYM	388-6146
TECHNICAL	:	Mark Gibson	VE3MWH	389-4308
TECHNICAL	:	Paul Fleck	VE3HTF	383-1101
VE3DC LICENCEE	:	Glenn Gibson	VE3FHQ	385-2786
VE3NCF LICENCEE	:	Glenn Simpson	VE3DSP	385-8478
VE3RCB LICENCEE	:	John Kassay	VE3FDK	385-0422

The Hamilton Amateur Radio Club meets at 8:00 pm on the 3rd Wednesday of each month except July & August. The location is the Nash Auditorium, in the Chedoke Hospital grounds, Hamilton. Non-members & friends are welcome.

Membership fees are \$20.00 per annum with a common renewal date of January 1st. Included is a subscription to the club bulletin. Family memberships are available at \$1.00 for each additional person.

VE3NCF Repeater is owned and operated by the Hamilton Amateur Radio Club. It is located on the Hamilton escarpment and is available for use by any amateur within range. Input is 146.160 MHz, Output is 146.760 MHz.

The swap net is held on VE3NCF every Tuesday at 8.00 pm except during July & August.

October 1987 Meeting
THE HAMILTON AMATEUR RADIO CLUB

DATE: Wednesday October 21, 1987

TIME: 8 O'clock P.M.

PLACE: Tour of CHCH. Park on nearby streets, use the entrance on Hunter near Caroline.

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Congratulations to Paul VE3HTF for the excellent showing on Field Day. The CRRL report attached lists HARC in the top ten.

Thanks to the following for assistance in the 10 Km race on Sept 13. VE3GCP as Marshall, VE3OQG and VE3 GFE as base operators and VE3GBG, VE3SMF, VE3ACA, VE3OIN, VE3CBJ, VE3JTR,

Thanks to the following for assistance in the United Appeal Walkathon on Sept 20. VE3CIB, VE3HTF, VE3GBG, VE3SMF and VE3GFE.

Bob VE3CIB has been full of praises for the new ID-10T transceiver. He is very reluctant to give anyone a demonstration but he did get permission for us to reprint the attached review which appeared in the September issue of Radiosporting.

A reminder. For Morse Code tests, call Bob Wilson VE3CIB (383-2054) or Norm Smith VE3BK (385-5661).

The Home Brew Night has been changed to November meeting. That gives you a little more time to make it still better.

Dates to remember:

October 17 & 18 Scout Jamboree-on-the-air.

November 14. Newmarket Fleamarket. Huron Heights Secondary School.

For tables - Geoffrey Smith VE3KCE at 7 Johnson Road, Aurora, L4G2A3, phone 416-727-6672 after 1900. Talk in on 146.520MHz simplex or repeater VE3YRC, 147.225MHz output/147.825 MHz input.

An important note about emergency calls: on the autopatch:

To Hamilton Wentworth- ask for the radio room,

Very Briefly identify yourself as a mobile radio amateur,

State the nature of the emergency and its location.

Then let the officer take control of the conversation to ask for clarification or more details.

The information is late for this Bulletin - The Oakville ARC is giving a course on Amateur Radio at the T.A. Blakelock High School starting Oct 8. For information call Halton Board of Education, Continuing Education 827-8403.

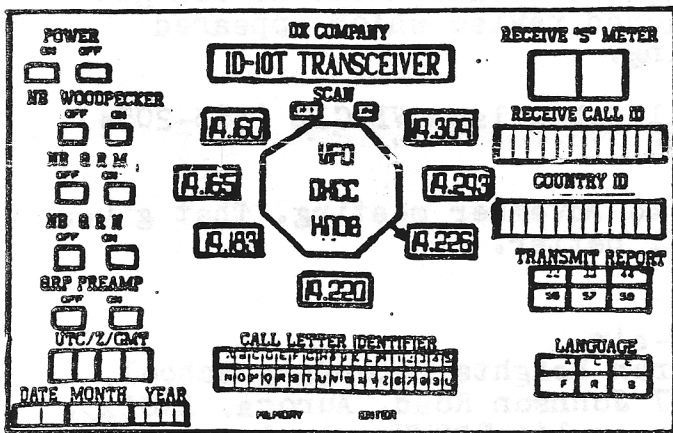
The ID-10T Transceiver

Garry Hammond, VE3XN

The new ID-10T transceiver is a delightful radio for the new DXer, recently converted CB band or 144 MHz repeater operator, or the OLD TIMER DXer who is tired of low sunspot numbers.

The ID-10T has a single band format for 14 MHz. You can enjoy the most prestigious DX band and work DX during the entire sunspot cycle with little or no effort, since 20 m band is usually open to somewhere. You can even work DX with this radio when the band isn't open to your QTH.

The RF output of 1 kW is broadbanded, solid state, and self-tuning. All controls are found on the front panel. A voice-synthesizer is a standard feature for each of the seven present DXCC (DX Crystal Controlled) frequencies. The English language numbers have a slight JA1 accent but this is undetectable to all except those who have been an SWL or who have already worked the JCC-300 diploma. The display is blue.



The ID-10T features easy operating. There is no need for 10 or 15 meters because they are not always open. Besides, no lists presently operate there. There is no 40, 80, or 160 meter capability because split frequency operating might be necessary and this would cause a need for two VFO's. There is no CW to bug you. There is no RTTY. Who ever heard of list operation on those modes anyway? There are no WARC frequencies because no master of ceremonies knows where they are or has a radio that works them anyway.

This transceiver has the latest form of AIDS Advanced Information Display Systems. Consider these....

The call of the transmitting station you work, is displayed for you in amber letters. Up to ten letters, numbers, or characters can be displayed in any combination. e.g. F00L, SP00F, UR1LID, or VE3FXT/BS2.

The country display gives you the name of the country for the call you are receiving on that channel. All known past, present, and future prefixes recognized by K6ZDL and by the ITU in Geneva, have been programed into the rig. There is no need, ever again, for any confusion over a callsign prefix and its location.

The S- meter displays the signal report sent by the transmitting station on that channel. This eliminates the need for repeats, guesses, errors, or relays by the MC or other helpful stations having better propagation. The time delay feature locks the report on the display for 30 seconds for those whose memory is good, but short.

The eternal UTC clock and calendar displays have life-time memories and batteries. They are factory preset according to WWV or CHU. There will be no more problems with accurate timekeeping and complicated date change problems. QSL managers will love you for this accuracy!

For each of the above features you can mix and match the colors of your displays.

Simplified pushbutton controls make operating a snap!

There is a noise blanker to eliminate any form of woodpecker, regardless of nationality.

A QRM noise blanker eliminates all adjacent or on frequency interference.

Press the preamplifier button and you can instantly increase the signal level by 30 db for stations running less than 1 KW.

The automatic call identifier lets you press the last letter, the last two letters, the last three letters, or your whole callsign, when and if specifically requested according to the MC on that frequency channel.

When depressed, the language encoder will allow for the sending of your report and call components, in any of the six official languages of the United Nations. These include Arabic, Chinese, English, French, Russian, and Spanish. Just think of the hours of pleasure this unique system of a digital voice announcement system will provide for you and your channel friends.

Consider these other design features engineered out of the ID-10T....

There is no ugly front panel phones jack. Think of it! You will never have to strain to hear that DX station, ever again. Two large woofer speakers are provided. It even suggests that each speaker to be placed 18"3" on each side of the operators ears to provide the best resonant stereo AF audio on 20 meters.

There is no RIT/XIT. The master of ceremonies for your channel will always appreciate you being on his frequency because of the CC (crystal controlled) feature of the ID-10T.

Two other features this reviewer appreciates include the built-in, preset processor that automatically equalizes the highs and lows of your particular voice characteristics to always insure maximum communication punch and talk power.

Especially innovative is the built-in antenna tuner which automatically adjusts to a SWR of 1:1 for maximum power transfer. This can be accomplished for all tribanders (regardless of age), attic dipoles, clotheslines, curtain rods, coiled-up slinkies, and even wet noodles. (This makes it great for operators who have an "I" in their prefix.)

Bulletin 24 CRRL, London, Ontario 1987 July 29

- 1: DOC announced today that, effective immediately, Canadian amateurs are allowed to operate on the 18.068 to 18.168 MHz and 24.89 to 24.99 MHz bands.
- 2: Bulletin 25A, the mid-Summer issue should be released shortly.

Bulletin 25A, CRRL, London, Ontario 1987 August 22

- 1: CRRL President Tom Atkins, VE3CDM of North York, Ont. and CRRL VicePresident Harry MacLean, VE3GRO of London, Ont. have been re-elected by acclamation for a further two-year term commencing January 1988. Tom, VE3CDM, and Harry, VE3GRO, first took office as CRRL President and VicePresident respectively in September 1982. As a result of their effective and stable leadership over the past five years, the Canadian Radio Relay League is now better equipped, in every way, to meet the many and varied challenges of the future. Tom was one of the founding directors of CRRL, the first Ontario director of CARF, and has been an elected member of the I.A.R.U. Region 2 Executive Committee for the past few years. He was, for many years, a director of the Radio Society of Ontario serving finally as its President. In 1983 he was honoured as Ontario Amateur of the Year for his long record of service to Canadian amateur radio. Harry is probably best known for his Canadian NewsFronts column in QST each month and as Editor of the CRRL News Bulletin Service over the past few years. A dedicated amateur, he has been closely associated with the establishment and development of the CRRL Headquarters office in London, Ontario. Bulletin 25B, CRRL, London, Ontario 1987 September 13

- 1: Some items of interest to Canadian amateurs from this summer's ARRL Board meeting: 1) ARRL has decided to shelve plans for its museum and visit/ps' centre and, instead, upgrade W1AW and possibly establish a W1AW-type station in the West, 2) Father Marshall Moran, S.J., 9N1MM, of Nepal, was chosen to receive the 1987 ARRL Humanitarian Award, 3) ARRL By-laws were modified to eliminate references to Canada and "The Canadian Division of ARRL" in preparation for CRRL autonomy on 1988 January 01, and 4) VY1 was given separate multiplier status in ARRL DX contests.

- 2: DOC gave Canadian amateurs access to the 17-metre (18.068-18.168 MHz) and the 12-metre (24.89-24.99 MHz) bands on July 29. DOC did not specify any mode subbands. Holders of the Amateur certificate may operate A1 (CW) and F1 (FSK modes: RTTY, AMTOR and packet radio) on any part of the new bands. Holders of

the Advanced certificate may operate A1, F1, A3 (single or doublesideband phone, with or without carriers), F3 (narrowband FM phone), A4 or F4 (facsimile or slow-scan television), and A5 or F5 (fast-scan television) on any part of the new bands. CRRL did verify the accuracy of this information. DOC is allowing holders of the Amateur certificate to operate F1 without the usual "six-month endorsement". A5 and F5 are permitted if the signal does not exceed DOC's maximum-permitted bandwidth of 6 kHz. With no mode subbands specified, CRRL asks all Canadian amateurs to follow the IARU band plan, in use worldwide:

18.068-18.100, 24.890-24.920 MHz: CW only.

18.100-18.110, 24.920-24.930 MHz: CW/FSK.

18.110-18.168, 24.930-24.990 MHz: CW/phone/SSTV

- 3: About fifty amateurs participated in the National Amateur Radio Symposium sponsored by CARF and, for the first time this year, CRRL, and held in Saskatoon on July 31 August 01. Some conclusions of the participants: 1) The Canadian Amateur Service needs more and younger amateurs, 2) voluntary band plans do work in Europe; Deregulation of Mode Subbands will allow amateurs to respond more readily to changes in technology, 3) DOC should make every effort to acquire the authority to deal with the RFsusceptibility of non-radio equipment, and 4) if CRRL and CARF were to merge, they could probably take over the administration of Amateur Radio in Canada and do it more efficiently than DOC.
- 4: Tom Atkins, VE3CDM, and Harry MacLean, VE3GRO, were recently reelected, by acclamation, to the posts of CRRL President and CRRL VicePresident. Their new two-year terms of office begin on 1988 January 01.

Bulletin 26 CRRL, London, Ontario 1987 September 20

- 1: Ken Mangaroo, VE3NCM, of Burlington, Ontario, has won his court battle and the right to erect an antenna tower on his property. Earlier, eighteen of Ken's neighbours had asked for a stop-work injunction, claiming that the tower would lower property values and cause TVI. Luckily, Ken had done everything right. He had obtained permission from DOC, a building permit from the municipality, and even an engineer's report testifying to the structural integrity of the installation and the ability of the ground to support it. At the hearing, Ken's lawyers, the same lawyers who, a few years back, had successfully appealed the conviction of a Mississauga amateur charged with creating interference under an anti-noise by-law, convinced the judge that Ken was in total compliance with the law and that Ken's neighbours had no basis for

a case. The judge refused to grant the injunction. It's an important victory - for Ken and for all of us.

- 2: The CRRL Board held its 1987 Meeting in Rexdale, Ontario, on August 31. At that meeting, the Board decided 1) to authorize the expenditure of up to \$1000 to permit CRRL Counsel to conduct additional research to assist counsel conducting the appeal in the Jack Ravenscroft case, 2) to adopt "Canadianized" rules for the League's Field Organization in Canada, in preparation for CRRL autonomy, 1988 January 01, 3) to adopt a new set of guidelines for the CRRL incoming QSL bureaus, 4) to establish a VHF-UHF Committee, to advise the Board on VHF-UHF matters and assist DOC in finding compatible frequencies when radiolocation services must be assigned to bands shared with the Amateur Service, 5) to establish, later in 1988, a CRRL Technical Information Service, 6) to investigate the possibility of CRRL offering some form of low-cost liability insurance for radio clubs, 7) to investigate the possibility of incorporating Vice Directors into CRRL organization, and 8) to continue discussions which could lead to some form of merger with CARF.
- Full text of the minutes of this meeting - a marathon 11-hour session - will appear in November QST.

3: Manuel de Formation: Certificats de Radioamateur, the French version of the Canadian Amateur Radio Licensing Manual, by Ralph Zbarsky, VE7BTG, translated for CRRL by DOC, is now available. Order from CRRL in London, Ontario, or RAQI in Montreal. Price available upon request).

4: Don Roland, VE1OAE, hopes to be operating CY1SPI from St. Paul's Island, in the Gulf of St. Lawrence midway between Cape North, Nova Scotia, and Port-aux-Basques, Newfoundland, during this half of September. Listen for Don on HF and on the new Soviet RS-10 and RS-11 satellites.

5: Upcoming events to remember: 1) CRRL Can-Am Contest - CW - Sept 26-27, 2) Hamilton, Ontario Fleamarket - October 10

Bulletin 27, CRRL London, Ontario 1987 September 27

1: Here are the top ten Canadian scores in Field Day '87:

Call	Club or Group	Score	Class
VE3NAR	Nortown ARC	8,784	14A
VE3SPC	South Pickering ARC	7,764	6A
VE3XD	Colgan-Bramalea Group	6,895	1AB
VE3WE	Scarborough ARC	5,736	7A

VE3OW	Windsor ARC	5,564	8A
VE1ND	Fredricton ARC	5,326	4A
VE3DC	Hamilton ARC	5,292	5A
VE2CBS	CRA Sorei-Tracey	5,280	1AB
VE3VM	Niagara Peninsula ARC	5,088	4A
VE1FO	Halifax ARC	5,014	2A

- 2: Congratulations to Jean-Serge Labelle, VE2ED, of Laval, Quebec, who was recently named 1987 CRRL Amateur of the Year. Jean-Serge was recognized for his many years of work translating CRRL, ARRL, and IARU bulletins into French and making them available on the air. He will be presented with his award in Trois Rivieres, Quebec, in October.
- 3: ARRL's latest video production, New World of Amateur Radio, premiered on the GTE Spacenet 1 TV satellite on September 20. The 28-1/2 minute program - ideal for introducing Amateur Radio to your licensing class or for use in the program portion of your next radio club meeting - can be borrowed from CRRL Headquarters in London, Ontario, or from your nearest CRRL Director: VE1SH, VE2ZZ, VE3CDM, VE3GR0, VE6ABC, or VE7EWI.
- 4: The latest issue of BP-23 (Broadcast Procedures 23) allows cable tele-vision companies to radiate signals twice as strong as permitted by the previous issue of the same document. CRRL believes that the new standards, implemented without the usual opportunity for comment from those affected, will have a detrimental effect on amateur operation, particularly operation in the 2-metre band. CRRL has sent a strong letter of protest to DOC.
- 5: Get set for SET, CRRL's annual Simulated Emergency Test, to be held on the weekend of October 17-18. AR

Reminder of events:

Sept 26-27 CRRL Can-Am Contest - CW.

Oct 10 Hamilton, Ontario Fleamarket.

Oct 17-18 ARRL EME Competition.

Oct 17-18 Scouts' Jamboree-on-the-Air.

1: The US FCC has declined to give US Novice and Technician-class amateurs in Alaska, Hawaii and US possessions in the Pacific and Caribbean operating privileges in the 7050-7075 kHz portion of the 40-metre band. The petition requesting these privileges was not supported by ARRL who felt that upgrading to a higher-class licence was a more appropriate way of obtaining access to these frequencies.

2: Prefix hunters, take note: To mark the 200th Anniversary of the US Constitution, US Amateur Radio Clubs that have registered with ARRL will be permitted to use special "200"-prefix callsigns (e.g. W200XXX) during designated one-week periods from now until the end of 1988. Full details appear in September QST.

3: Satellite News: 1. During the summer, the Soviet Union launched its long-awaited RS-10 and RS-11 satellites. Both are about 1000 km up, in asynchronous orbits with periods of 105 minutes. The satellites feature five distinct modes of operation using robots and transponders with uplinks in the 15 and 2-metre bands and downlinks in the 10 and 2-metre bands. 2. The Japanese OSCAR FUJI 12 "Flying Mailbox" is up and running. Hundreds of international packet radio

messages have been received and posted. Using present software, the maximum number of messages is 50. If you write more than 50, older messages are overwritten. Your message can be read by anyone and you can read messages addressed to someone else. 3. AMSAT OSCAR 10 is off the air until at least November 20. At that time, the sun angle should improve and OSCAR 10 will be able to recharge its batteries. 4. AMSAT Phase 3C satellite is scheduled to be launched in February.

Some notes from all over: This summer, W5HUQ/4 near

Jacksonville, Florida, contacted KSUGM in Irving, Texas, in what is believed to be the first-ever Sporadic-E contact made on 220 MHz. Amateurs in both Norway and the United Kingdom now have access to portions of the 50 MHz band. Amateurs in Roumania were recently given access to the 1.810-1.850 MHz portion of the 160-metre band. This leaves Albania as the only European country that does not allow operation on 160 metres.

Events to remember:

- Oct 24-25 CQ WW DX Contest.
- Nov 01 London ARC Fleamarket.
- Nov 07-09 ARRL Sweepstakes - CW.
- Nov 14-15 ARRL EME Competition.
- Nov 21-23 ARRL Sweepstakes - phone.

Present users of the ID-10T transceiver have indicated to this reviewer that they have made substantial savings in their amateur radio budget. They no longer have to pay many dollars to DX news sheets or magazines to get DX tips of upcoming operations. By using the programable scan feature this radio scans 14.106; 14.183; 14.220; 14.226; 14.243; and 14.309 at the touch of the button.

The editors of MAD magazine, in conjunction with the DX Company, manufacturer of the ID-10T transceiver, are pleased to announce their new awards program. Stations operating exclusively on these frequencies may claim the new 1C DXCC and 5C DXCC. (All 100 countries worked on one channel or 100 countries worked on each of five different channels.) These awards are free for the asking. W3AZD has generously agreed not to check the cards for these awards.

Best of all comes the news that the DX Company is offering an 11 year comprehensive warranty with each ID-10T transceiver that covers all of Cycle 22.

The ID-10T is available from your local mail order amateur radio store for a retail price of \$7388.00 Canadian funds. This price will be especially appealing to all amateurs who use US dollars, yen, marks, lira, ponds, etc.

The DX Company is always receptive to suggestions modifications to the ID-10T transceiver. These can be forwarded to Mr. I.M. Kidding, President of the DX Company, 5 McLaren Avenue, Listowel, Ontario, Canada, N4W 3K1.

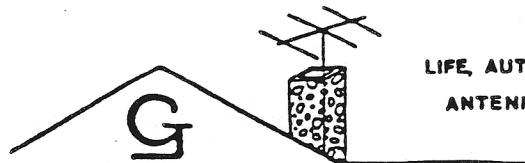
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