

APRIL 1994

FEEDBACK

THE OFFICIAL NEWSLETTER OF THE
GEORGIAN BAY AMATEUR RADIO CLUB INC.

Sponsoring

VE3OSR FM REPEATER 146.940- Mhz MARKDALE
VE3OST FM REPEATER 145.290- Mhz OWEN SOUND
VE3GBT FM REPEATER 146.895- Mhz BARROW BAY
VE3IJD PACKET BBS 145.630 Mhz KEADY

REGULAR EVENTS

GBARC MEETINGS:
LAST TUESDAY OF EACH
MONTH

BREAKFAST MEETINGS:
SECOND AND LAST SATURDAY
OF EACH MONTH

GBARC INFORMATION:
INFORMATION REGARDING
MEMBERSHIP SHOULD BE
DIRECTED TO IAN VE3HIP
519-371-5479

Minutes of the meeting of March 8th. 1994. BY VE3MWU

The meeting was opened by president Bob at 7:42 with 25 members present. The minutes of the last meeting were accepted as published. The treasurer reported we have \$334.10 in the account and that the repeater licence fee of \$69.00 will be paid soon. The Marine-Rail Heritage Center will not be available for our meetings on the second tuesday of the month so it was decided to move our meetings to the fourth tuesday, **the next meeting will be on April 26th.** It was decided that it is not worth the cost to get a P.O. box for the club mail since there is no real problem with having mail sent to various members.

OLD BUSINESS Roy, EBM handed out copys of the fanout list, it was then decided to postpone further discussion of it till the Markdale repeater is back on the air so that we will know who can access the club repeater network. There will be a meeting on emergency communications in London on April 14. Rick, HIO reported that the 146.94 machine is working well at Barrow Bay and that the 146.895 machine will soon be instaled in Markdale. The ISC will be informed of the new locations of VE3OSR and VE3GBT.

NEW BUSINESS Field day will be at either Bob or Genes place. It was decided that we can't afford to rent a tent this year, we will have to get by with smaller tents and tarps, we will be renting an outhouse. Food will be pot luck. Bob plans to bring some moose meat. Our flea market is tentatively planed for May 14 at the fair grounds. The possibility of a tour of the Alan Park satalite station was discussed and will be looked into further. Dan, DQC moved we close the meeting, Bill, HMZ seconded the motion. The 50/50 draw was won by John, TXB. (All abreviated calls are VE3 untill such time that a VA3 says something worth noting)

NEW MEETING PLACE Our new meeting place for club meetings will be the Marine-Rail Heritage Centre, at 1165 - 1st Ave W. , downtown73 VE3HIP

FEEDBACK

CW MEET From: VE3XOX ANYONE INTERESTED IN UPGRADING THEIR CODE QUALIFICATION OR JUST TO JOIN IN AND HAVE SOME FUN WITH CW. HERE ARE THE FELLOWS INTERESTED SO FAR GARY VE3IOD MARK VE3UUV TOM VE3TSA DON VE3VTO BILL VE3HMZ JACK VE3TWK DOUG VE3TDV JERRY VA3JL.....ANY MORE PEOPLE OUT THERE WISHING TO PUT SOME TIME IN ON CW ? ALL INVITED WHETHER YOU HAVE CODE OR NOT...TIME TO BRUSH UP... HOPE TO HEAR FROM YOU SOON...PASS IT ON TO ALL ... THX BOB VE3XOX

"The Passing Of The Pot"

As Far Back As Childhood,
As Memory May Go
One Household Vessel Greeted Me,
That Wasn't Meant To Show

Beneath the Bed 'Twas Anchored,
Where Only Few Could See
But Served the Entire Family,
With Equal Privacy

Some Called the Critter "Peggy,"
and Some the "Thundermug"
Others Called it "Badger,"
A Few Just Called it "Jug"

To Bring it In at Evening,
Was Bad Enough No Doubt
But Heaven Help the Bloke,
Who Had to Tote it Out

The Special One For Company,
Was Decorated Well

But Just the Same it Rendered,
That Ole Familiar Smell

Our Big One Was Enormous,
and Would Accomodate
A Watermelon Party,
Composed of Six or Eight

At Times When Things Were Rushing,
and Business Extra Good
Each Took His Turn Awaiting,
or Did the Best He Could

Sometimes When in a Hurry,
To Our Disgust and Shame
We Fumbled in the Darkness,
and Slightly Missed Our Aim

Today This Modernism
Relieves Me A Lot
and Only in My Vision,
Do I See That Homely Pot

Author Unknown,

RAC NEWS BULLETIN

BRITISH SCANNERS BUSTED

It is not illegal to listen to police radio transmissions in Great Britain; however, it is illegal to act on any information heard when monitoring police frequencies. In England, scanner operators are considered amateur radio operators.

A recent sting operation which resulted in several people being charged involved phony broadcasts made by the police. In one broadcast, aliens were said to be landing nearby. In another broadcast, money was said to have been discovered in the woods and large sums were blowing around. When eavesdroppers arrived at the sites, they were charged.

South Yorkshire police ordered "Operation Marconi" when they suspected that criminals were benefiting information gleaned from the airwaves.

This story originated over the Reuters newswire and was carried in W5YI Report.

Western New York - Southern Ontario Repeater Council
 Repeater List by Geographical Area
 VHF:1993.09.01 UHF:1993.08.23

CENTRAL

CTCSS: 156.7 Hz

TX(MHz)	RX(MHz)	Callsign	Location	Notes
53.070	52.070	VE3LSR	Edgar	ON
145.190	144.590	VE3TTB	Edgar	ON o Link1
145.490	144.890	VE3RPL	Parry Sound	ON o Link1
146.685	146.085	VE3ZAP	Shelburne	ON o Link1
146.730	146.130	VE3XTX	Owen Sound	ON o
146.760	146.160	VE3SGB	Midland	ON o
146.790	146.190	VE3MTR	Collingwood	ON o Link1
146.820	146.220	VE3MUS	Dwight	ON o Link2 (ca)
146.850	146.250	VE3LSR	Edgar	ON e z
146.880	146.280	VE3MRT	Bracebridge	ON o
146.910	146.310	VE3UGB	Midland	ON o Link1
147.000	147.600	VE3RAG	Barrie	ON o e a
147.030	146.430	VE3RSR	Britt	ON o e
147.120	147.720	VE3OSH	Oshawa	ON o e
147.150	147.750	VE3PEN	Penetang	ON o
147.180	147.780	VE3MGB	Penetang	ON o
147.195	147.795	VE3LNZ	Lindsay	ON
147.195	147.795	VA3TDV	Meaford	ON o
147.210	147.810	VE3ORR	Orillia	ON o
147.285	147.885	VE3PTX	Pefferlaw	ON o
147.315	147.915	VE3LSR	Edgar	ON e z DVR
224.760	223.160	VE3GAR	#Orangeville	ON o
224.760	223.160	VE3UGB	Midland	ON o
442.225	447.225	VE3VIF	Uxbridge	ON o
442.350	447.350	VE3WHU	Edgar	ON o
442.550	447.550	VE3USH	Mitchell's Co	ON Link6
442.575	447.575	VE3UOR	Edgar	ON Link6
443.000	448.000	VE3NAA	Raglan	ON o
443.025	448.025	VE3RBT	Walkerton	ON o
443.075	448.075	VE3MRT	Bracebridge	ON o (ca)
443.275	448.275	VE3CAB	Creemore	ON o Link1
443.475	448.475	VE3OUR	Oshawa	ON o a
443.625	448.625	VE3DRC	Orangeville	ON o e (ca) 156.7Hz
444.025	449.025	VE3NSL	Orangeville	ON o
444.275	449.275	VE3HQW	Moonstone	ON o 156.7Hz
444.350	449.350	VE3LSR	Edgar	ON a e z VFAT Link1
444.650	449.650	VE3SGB	Midland	ON o
444.675	449.675	VE3GAS	Colgan	ON o
444.700	449.700	VE3RAK	Nobleton	ON o Link2
444.775	449.775	VE3WHU	#Oro	ON o
444.800	449.800	VE3UPS	Parry Sound	ON o Link6
444.900	449.900	VE3WIK	Singhampton	ON o
444.925	449.925	VE3RAP	Orangeville	ON

CENTRAL EAST

CTCSS: 162.2 Hz

TX(MHz)	RX(MHz)	Callsign	Location	Notes
145.150	144.550	VE3RTR	Rice Lake	ON o Link1
145.390	144.790	VE3KFR	Cambellford	ON o
146.625	146.025	VE3PBO	Peterborough	ON o Link1 Link2 (ca) e
146.655	146.055	VE3ZHR	Haliburton	ON
146.970	146.370	VE3OCC	Apsley	ON o
147.105	147.705	VE3TWF	Ingoldsby	ON o
147.165	147.765	VE3RTY	Colborne	ON o DS Link
147.240	147.840	VE3TBF	Essonville	ON o Link2

224.800	223.200	VE3RTR	Rice Lake	ON	o Link1
224.840	223.240	VE3TBF	Essonville	ON	o Link2
444.575	449.575	VE3KRG	Peterborough	ON	(ca) e
444.975	449.975	VE3MXR	Rice Lake	ON	o Link3

CENTRAL WEST CTCSS: 97.4 Hz

TX(MHz)	RX(MHz)	Callsign	Location		Notes
53.130	52.130	VE3RBT	Walkerton	ON	
145.110	144.510	VE3RBT	Walkerton	ON	o a e
145.290	144.690	VE3OST	Owen Sound	ON	o
146.610	146.010	VE3TIV	Kincardine	ON	o
146.640	146.040	VE3RAN	Proton Stn.	ON	o e
146.820	146.220	VE3PER	Port Elgin	ON	o e a
146.895	146.295	VE3GBT	Markdale	ON	o
146.940	146.340	VE3OSR	Lions Head	ON	o
147.165	147.765	VA3CRV	Paisley	ON	o
443.525	448.525	VE3GBT	Owen Sound	ON	o
443.925	448.925	VE3TFE	Markdale	ON	c

NIAGARA CTCSS: 107.2 Hz

TX(MHz)	RX(MHz)	Callsign	Location		Notes
145.190	144.590	VE3RAF	Thorold	ON	o Link
147.075	147.675	VE3HNR	Dunnville	ON	o e (ca) Link:VE3HM
147.165	147.765	VE3RAC	Ridgeway	ON	a e DS Link1 UFAT z
147.240	147.840	VE3NRS	St Catharines	ON	o (ca)
147.300	147.900	VE3WCR	Fonthill	ON	o
442.250	447.250	VE3HM	Thorold	ON	o Link5
442.500	447.500	VE3BNU	Wainfleet	ON	o
442.775	447.775	VE3XCP	St.Catharines	ON	o (ca) Link
442.900	447.900	VE3GRW	Niagara Falls	ON	(ca) e DVR
443.125	448.125	VE3TLN	Welland	ON	o
443.175	448.175	VE3LWH	Thorold	ON	
443.400	448.400	VE3WCU	Fonthill	ON	
443.575	448.575	VE3XUK	Thorold	ON	
444.725	449.725	VE3PLF	Fonthill	ON	(ca) FAT

SOUTH CTCSS: 131.8 Hz

TX(MHz)	RX(MHz)	Callsign	Location		Notes
53.110	52.110	VE3WIK	Carlisle	ON	o
145.110	145.610	VE3LOP	Mt Pleasant	ON	
145.210	144.610	VE3ZMG	Guelph	ON	o a z
145.330	144.730	VE3RND	New Dundee	ON	VOX e
145.490	144.890	VE3DRW	Hamilton	ON	o Link1
146.715	146.115	VE3NYC	Hamilton	ON	(ca) e
146.760	146.160	VE3NCF	Hamilton	ON	o a e Link2
146.790	146.190	VE3SWR	Cambridge	ON	o
146.805	146.205	VE3TVI	Grimsby	ON	o
146.835	146.235	VE3WWW	Waterloo	ON	o
146.865	146.265	VE3RCK	Kitchener	ON	o (ca) z
146.895	146.295	VE3RAE	Burlington	ON	o
146.925	146.325	VE3SME	Simcoe	ON	o e Link1
146.970	146.370	VE3KSR	Baden	ON	o (ca) z
147.015	147.615	VE3OAK	Oakville	ON	o e
147.030	147.630	VE3RSS	Acton	ON	o
147.045	147.645	VE3WAT	Delhi	ON	o (ca)
147.090	147.690	VE3WFM	Waterloo	ON	o
147.105	147.705	VE3MBR	Hamilton	ON	o a
147.135	147.735	VE3OD	Halton Hills	ON	o a e z

147.150	147.750	VE3TCR	Brantford	ON	o (ca)
147.210	147.810	VE3RSB	Burlington	ON	107.2 Hz
147.345	147.945	VE3PDX	Stoney Creek	ON	o DX info, Link4
224.740	223.140	VE3TED	Burlington	ON	o
224.960	223.360	VE3DRW	Hamilton	ON	o Link1
442.300	447.300	VE3OAK	Oakville	ON	107.2Hz Link
442.450	447.450	VE3OKR	Oakville	ON	o
442.525	447.525	VE3UHM	Carlisle	ON	Link6
442.625	447.625	VE3RTD	Hamilton	ON	a
443.025	448.025	VE3TCR	Brantford	ON	o (ca)
443.075	448.075	VE3ZOE	Hamilton	ON	o
443.150	448.150	VE3OKV	Oakville	ON	o
443.200	448.200	VE3IWL	Burlington	ON	107.2 Hz
443.250	448.250	VE3RFI	Winona	ON	oe
443.325	448.325	VE3RTP	Campbellville	ON	151.4 Hz
443.425	448.425	VE3OD	Halton Hills	ON	o e
443.450	448.450	VE3MMX	Brantford	ON	o (ca) e
443.675	448.675	VE3WIK	Carlisle	ON	(ca)
443.850	448.850	VE3RKL	Arkel	ON	o Link7
443.975	448.975	VE3OCY	Hamilton	ON	o
444.075	449.075	VE3NCF	Hamilton	ON	o a e Link
444.125	449.125	VE3MTC	Milton	ON	o e DS
444.325	449.325	VE3OAK	Oakville	ON	o
444.425	449.425	VE3RDX	Hamilton	ON	o
444.550	449.550	VE3SML	Waterford	ON	o e RB:52.525 Link7
444.650	449.650	VE3VSC	Vinemount	ON	o
444.750	449.750	VE3RDM	Hamilton	ON	o
444.825	449.825	VE3RSB	Burlington	ON	o
444.875	449.875	VE3RBM	Kitchener	ON	114.8Hz
921.000	909.000	VE3TQC	Brantford	ON	o

SOUTHWEST

CTCSS: 114.8 Hz

TX(MHz)	RX(MHz)	Callsign	Location		Notes
53.010	52.010	VE3MCR	Parkhill	ON	o
145.150	144.550	VE3RFC	Stratford	ON	(ca) Link
145.390	144.790	VE3MGI	London	ON	a e DS Link DVR
145.450	144.850	VE3YXU	London	ON	e UFAT Link CANWARN
146.760	146.160	VE3RGB	Grand Bend	ON	o
146.910	146.310	VE3OBC	Hensall	ON	o
147.000	147.600	VE3MCR	Lucan	ON	o
147.060	147.660	VE3LON	London	ON	a e DS DTMF:7661
147.180	147.780	VE3TTT	London	ON	o Link1
147.240	147.840	VE3NDT	Dorchester	ON	o
147.270	147.870	VE3OHR	Ingersoll	ON	o
147.285	147.885	TBA	Mitchell	ON	o
147.330	147.930	VE3STR	St Thomas	ON	o
147.375	147.975	VE3ZDT	St Marys	ON	a DS
224.780	223.180	VE3TTT	London	ON	o
442.300	447.300	VE3TTT	London	ON	o
443.200	448.200	VE3NMN	London	ON	o a e DVR H/VFAT L
443.800	448.800	VE3STR	St Thomas	ON	o
443.925	448.925	VE3WHR	Woodstock	ON	o
444.100	449.100	VE3CUE	Glencoe	ON	VFAT
444.400	449.400	VE3SUE	London	ON	o Link1
444.525	449.525	VE3ZTD	St Marys	ON	o
444.575	449.575	VE3MCR	Lucan	ON	o
444.650	449.650	VE3RXU	Dorchester	ON	o e CANWARN
444.800	449.800	VE3MGI	London	ON	a e DS VFAT Link
444.850	449.850	VE3OVY	London	ON	(ca) e 114.8Hz
444.975	449.975	VE3RFC	Stratford	ON	o

SOUTHWEST

CTCSS: 118.8 Hz

TX(MHz)	RX(MHz)	Callsign	Location	Notes
53.030	52.020	VE3SMR	Essex	ON o
145.190	144.590	VE3COZ	Chatham	ON o (ca) e
145.250	144.650	VE3ZZZ	#Kingsville	ON SHARED NON-PROTECTED
145.370	144.770	VE3SAR	Sarnia	ON 123.0 Hz (ca) z
145.390	144.790	VE3ECR	Windsor	ON
145.470	144.870	VE3RRR	Windsor	ON o
146.940	146.340	VE3TCB	Ipperwash	ON o Link to VE3NMN
146.985	146.385	VE3WAL	Wallaceburg	ON o
147.000	147.600	VE3WIN	Windsor	ON o
147.030	147.630	VE3GOD	Goderich	ON o
147.060	147.660	VE3III	Windsor	ON o
147.105	147.705	VE3ZZZ	#Kingsville	ON o a e Link
147.120	147.720	VE3KCR	Chatham	ON o (ca) e z DS L
147.300	147.900	VE3TOM	Leamington	ON o
224.660	223.060	VE3000	Windsor	ON o
224.700	223.100	VE3RRR	McGregor	ON o
224.960	223.360	VE3RCA	Sarnia	ON o
442.200	447.200	VE3MGK	#Chatham	ON o
444.300	449.300	VE3RRR	McGregor	ON o
444.325	449.325	VE3COZ	Chatham	ON o (ca) e z
444.400	449.400	VE3UUU	Windsor	ON o
444.500	449.500	VE3III	Windsor	ON o
444.550	449.550	VE3SUR	Sarnia	ON o e
444.775	449.775	VE3SOT	#McGregor	ON 123.0Hz V/UFAT (ca)
444.825	449.825	VE3WZL	Goderich	ON 123.0Hz (ca) e DS
1282.500	1270.500	VE3SOT	#McGregor	ON c

SOUTHWEST

CTCSS: 131.8 Hz

TX(MHz)	RX(MHz)	Callsign	Location	Notes
442.400	447.400	VE3WWW	Waterloo	ON o (ca) 131.8Hz
443.375	448.375	VE3SWA	Cambridge	ON o
1287.000	1275.000	VE3WWW	Waterloo	ON o (ca) 131.8Hz

Notes:

o carrier access
 ###.#Hz CTCSS access tone
 PL CTCSS access (tone unknown)
 DS Dual Squelch access system
 a autopatch
 (ca) closed autopatch
 DVR Digital Voice Recorder
 DX info dissemination DX information
 e uninterruptable power system
 Link# linking capability to group#
 HFAT HF Agile Transceiver
 VFAT VHF Agile Transceiver
 UFAT UHF Agile Transceiver
 ATV Amateur Television repeater
 z direct access to police

!Location indicates coordination not complete
 #Location indicates an uncoordinated repeater

HOW TO BE A PACKET LID
(Constructive criticism by WB6AAM)

When Clem and Jim-Bob started in packet, they had a natural desire, like some new hams to tell the world there is yet another packet station on the air. When they saw the TNC manual, the first thing that stood out was the beacon feature. Our two lids fantasized that packet would be something like catching fish in the old fishing hole, and that people would all want to connect, with their beacons as the bait.

Clem and Jim-Bob studied their TNC manuals further and learned that the beacon in their TNCs could be set to go off anywhere from every 1 to 250 minutes. (Or not at all) In their studies our two rubes also learned they could set their beacons to digipeat through cascades of high-level nodes and digipeaters to improve the "fishing". They learned some other nifty things like putting "CQ" after their callsigns, (whether they were calling CQ or not) and putting <CTRL>G in the beacon text to ring people's bells. Clem and Jim-Bob also thought they should put some important information about their stations in their beacon texts, because everyone would want to know!

This is what everyone else on the channel saw, once every 5 minutes, and repeated over and over through several digipeaters. If there were any other CQ calls or beacons belonging to nodes, gateways, BBSes or other services, these were quickly knocked off everyone's monitors by Clem and Jim-Bob:

WY74LID>CQ

** cLEm**/USA,riG hR Gonzo GX2000 tUrbO/Ant Powerprong-67 1/2 wATts/BBS K>>>

KH32LID>BEACON

Cq cq/digI JIMBOB in p0dunk/tNC hr packet porker PP-231\ hAv a NICE day !

Notice how these beacons clearly state important information, such as BBS, digipeater or node aliases or callsigns! Notice the correct spelling and the clarity of the texts!

Fortunately, for Jim-Bob and Clem, their community was a progressive one. Rather than hold an "antenna party", the locals on packet took up a collection to pay for psychiatric treatment for our two lids. It turned out that Clem and Jim-Bob both had severe ego problems which caused the obsessive beaconing. Clem and Jim-Bob prior to treatment both had a low sense of self-esteem. They were both obsessed with the idea that also afflicts dogs, boom-box owners and graffiti-writers, that is LEAVING ONE'S MARK. In this case, it was the packet community who had to put up with these rude assertions of "territory".

Now, two years after treatment, Jim-Bob has left packet and amateur radio. He was recently arrested for spray painting his name on a building. Clem is doing better. He works for a firm that makes navigational beacons and is a sysop of a popular forwarding BBS with several HF and VHF ports.

Don't end up in skid row or in a mental institution. If you set your TNC to beacon excessively, you may need professional help. Ask yourself: Does your TNC offer a service to the packet community, such as a node or gateway? Does your beacon announce a service or bolster your ego? The first week, try setting your beacon for every hour. The next week, every two hours. The third week, every three hours. Here's a novel concept; rather than "fishing" for contacts with an annoying beacon, try contacting the stations you see on your monitor or in your "heard" list. Calling the stations you see on the air is a nicer way to make contacts than forcing your beacon on everyone, and you will make more contacts that way. Once you get on the air the HID feature in your TNC will "beacon" once, ten minutes after the contact so don't worry, everyone will still know you are out there even if you shut off your beacon.

(The names and callsigns have been changed to disguise location and license class)

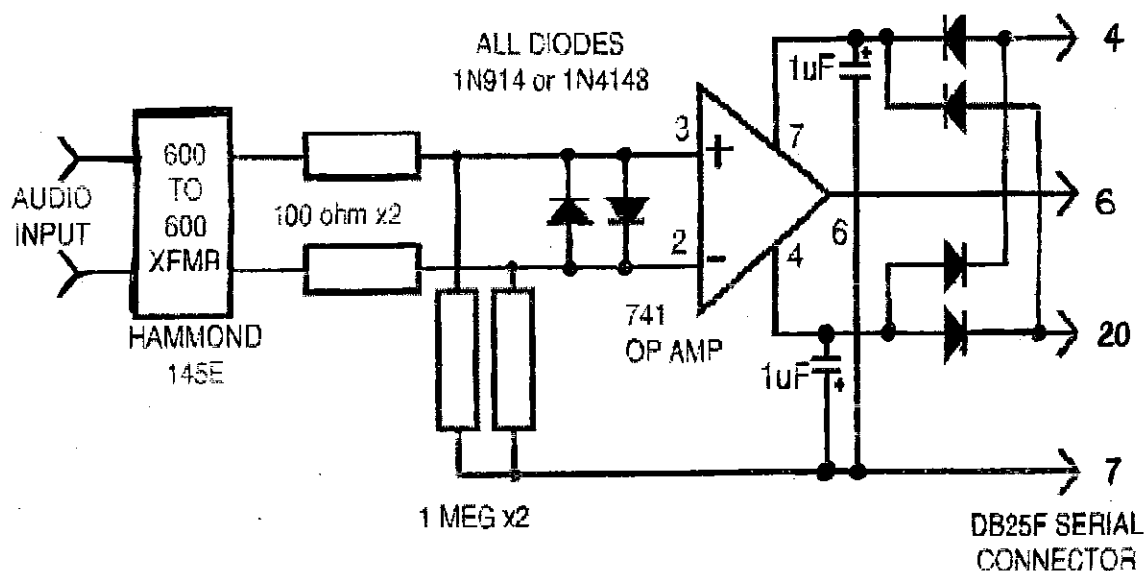


Here are a few pictures at our new meeting location-- by John TXB

A SIMPLE AND EASY TO CONSTRUCT, DIGITAL INTERFACE

BY BRIAN, VE3TOY

As promised on a recent GBARC net check-in, I am sending along this short article for the FEEDBACK newsletter. The schematic shown is a simple interface for the reception of fax, rtty, cw, sstv, ascii, and baudot signals. There are three programs included on a diskette labeled SSTVFAX2, JVFX, and HAMCOM22. I also put the latest 60 compression software on the diskette for the purposes of unzipping the compressed fax files. Simply copy all four files to a new directory called FAX on your PC and expand the three fax files by typing the following PKUNZIP *ZIP. There will then be 82 files in the directory. The three programs are called HC.EXE, SSTVFAX.EXE and JVFX.EXE which will run with the interface shown below. It would be a good idea to read all the .DOC and TXT files in the directory for further operating instructions for each program. If there are any questions feel free to ask me on the net on Sunday. Each program has its own strength and weaknesses so by using all three at different times, you can satisfactorily receive just about any format of non voice signal. The JVFX program requires some setup with the C function but I had a fax picture on the screen within two minutes of hooking up the circuit. Select a serial computer port, set up the M mode to 120/288 and press A. After reading the documentation and playing with the other format keys I had great success with multi-level gray fax (world maps showing cloud cover etc.) A good station to use is 8080 USB and adjust the signal so most of the signal falls between B and W on the scale. Another gem is the HAMCOM program. It has a frequency spectrum display which shows the received signals in useable form. It didn't take long to reliably receive some RTTY BAUDOT weather info. The CW works great too. Unfortunately the SSTV programs require a sync signal to lock properly so I didn't use them much. The programs are all SHAREWARE and the payment for use is optional (read documentation). The interface can be hand soldered on a perf board and it only took an hour to whip one up the first time. Jim VE3BFV has a couple of extra boards if anyone wants to part with \$10.00 for my effort. If there is a lot of interest I could make some more but it will take a couple of weeks. I have sent along a couple of copies of the software which can be loaned or copied as needed. Good luck and I hope you will try this neat little circuit, especially for FAX.73 de VE3TOY....Brian



THE SOFTWARE IS AVAILABLE FROM THE EDITOR.....I WILL NEED A FORMATTED,3 1/2' 1.44Mb DISKETTE

IDENTITY

ROY, VE3EBM

Some time when you're feeling important,
Some time when your ego's in bloom,
Some time when you take it for granted
You're the best qualified in the room,

Some time when you feel that your going
Would leave an unfillable hole,
Just follow this simple instruction,
And see how it humbles your soul.

Take a bucket and fill it with water,
Put your hand in it up to the wrist,
Pull it out, and the hole that's remaining
Is a measure of how you'll be missed.

You may splash all you please when you enter,
You can stir up the water galore,
But stop, and you'll find in a minute
That it looks quite the same as before.

The moral of this quaint example
Is do just the best that you can,
Be proud of yourself, but remember,
THERE IS NO INDESPENSABLE MAN.