

MAY ISSUE 1982

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IMPORTANT FACTS MAKE THIS YOUR C.B. MAGAZINE

- ★ CLUB NEWS IS FREE. (More than just your name).
- ★ WE PRINT YOUR LETTERS, YOUR POINTS OF VIEW.
- ★ WE PRINT YOUR REPORTS AND ACTIVITIES IN C.B.
- ★ WE STAND FOR C.B., WE ARE BREAKERS WITH YOU.
- ★ U.K.-F.M. : A.M. : F.M. : SIDEBAND : QSL-DXING

CB CLUB NEWS

ALFA WHISKEY ONE CLUB

c/o Alf Williams, 91 Meyrick Road, Stamshaw, Portsmouth.

A new CB CLUB exclusively for Citizens Band Radio enthusiasts using a legal interference free 934 MHZ broadcasting band launched in February 1982 in the Portsmouth area.

The ALPHA WHISKEY ONE 934 GROUP meeting now every month will be the first club in Hampshire devoted solely to the new band and will use two all British designed and produced radios for its members to experiment with and ask questions about before they buy a fully operational outfit for themselves.

Costing just around £200 with a matched and tuned aerial, the REFTEC 934 MHZ mobile CB radio is at the moment the only choice available to CB'ers for legal transmission under the HOME OFFICE REGULATIONS for 934 MHZ CB (MPT 1321). The 934 GROUP expects the higher U.H.F. frequency to be far superior to the 'overused and abused' 27 MHZ F.M. band by reason of the higher power available (8 watts and 25 watts EFFECTIVE RADIATED POWER) and the 'YAGI' type aerial (4 elements in a line) to allow a maximum 'gain' of 5DB – producing high directional signals – so far only available to licenced radio amaterurs.

A survey already carried out by the 934 GROUP suggests that the new waveband will create enormous interest amongst mobile businessmen and the medium distance socially minded CB'er who can now legally take advantage of the new 'air waves' without fear of causing interference to TVs, Emergency services and Audio if the conditions of the licence are strictly observed.

A. Williams, Area Sec.

WAVEBREAKERS CB CLUB

c/o "Rockville", Coverack Bridges, Helston, Cornwall.

Our club was formed in June 1981, and our membership has grown to over 120. We run mainly as a social club, with Discos, Foxhunts, Treasure Hunts etc. We recently ran a 12 hour marathon skittle match for the Penlee Lifeboat Disaster Fund at one of our local public houses. We have now formed a junior branch of the Wavebreakers for the younger breakers in our area. As summer is slowly approaching, and many of you may be considering holidays in Cornwall, let us invite you to our club. Our Eyeballs are on a Tuesday every fortnight, with the juniors meeting on a Wednesday, so if you are in the Porthleven (Fishing Village) or Helston (Flora City) 20s, give a shout for a Wavebreakers member or one of our committee, Bootlegger (Chairman), Pandora (Secretary), Bulldog (Social Sec.), Clanman, Boomerang (Treasurer), Clockwork Orange or Minder, and we are sure they will make you welcome. Our breaker channel is 14 on both AM and FM and our club is open to all breakers. We hope to see and hear from you this summer.

Pandora (Sec.)

GOOD BUDDIES INCORPORATED

We would like to advise you of the formation of our new C.B. club. We are situated in Blackwood in Lanarkshire, Strathclyde, Scotland. Club meetings are held every second week in a local pub, and are very well attended. Almost one hundred per cent of club members attend each meeting. We have a regular monthly outing which is also very well attended.

Centurion.

ORIENT AND DISTRICT BREAKERS CLUB

c/o 6 Preesall Way, Gillmoss, Liverpool.

The O.D.B.C. is a club that has been going for just about a year, and meets every Thursday at 8p.m.

We organise club rallies every month and non-members may come along and enter, along with the A.B.C. and C.B.A. we hold an inter-club rally, the first of which was held last October and the O.D.B.C. won the trophy. We also have a ladies darts team who will play any club that wishes to challenge them.

Just before Christmas the club started to raise money to buy an invalid a rig so she would have someone to communicate with. Within three weeks we had raised £200 from club members and visitors. Very sadly the lady passed away, so the money was given to another worthy cause, a school which caters for physically and mentally handicapped children and is known as "Sherwood Forest" station. We are hopefully going to equip one more special school in the near future so the two schools can communicate with each other.

The O.D.B.C. also has a DX section, and have our own club QSL cards, all members skip codes start with O.D.B.

The club is wanting to start a North-West Federation, so if any clubs in the N.W. are interested please get in touch. The club address is O.D.B.C. P.O. Box 9, Liverpool.

I'll go breaker break 51's 73's 88's.

Enforcer Sec.

HEYBRIDGE AMAHINE MODULATORS CLUB

c/o 40 Hillary Close, Heybridge, Molden, Essex.

We are a small and slowly growing breakers club and at the moment have about 70 members of all age groups catering for AM, FM, SSB or whatever your style.

We have a good committee who are at present working on coming events such as: Discos, Treasure Hunts, Darts Matches etc. and also sponsored five-a-side football matches for charity.

There is an eyeball every Friday night at the Millbeach, Heybridge. Our atmosphere is warm and friendly and there is always something going on to keep all amused. We will soon be changing premises, but a call on 14 will get you to us. Visitors and new members are always welcome.

See you soon.

Bigamist

ANGLO-AMERICAN MAGNA CARTA INTERNATIONAL SIDEBANDERS

c/o 10 Tolcarne Rd., Newquay, Cornwall.

The Anglo-American has been formed in conjunction with two DX/QSL clubs in America. As secretary of U.K. and European units, I have been DX and QSLing for over three years and have many personal and club contacts around the world. The aim of the club is to further friendship of DX and QSLers throughout the world. The club pack includes Rubber Stamp, Club QSL Cards, club stickers, address stickers, I.D. card, Membership certificate with club seal, essential DX and QSL info., lists of recommended clubs, free rig reg. with C.B.R.S., half-price QSL rubber stamps and much more.

We are printing a series of 10 club QSL cards, and members receive new ones as they become available.

3's and 8's for now.

Mick Marks, Sec.

FLEETWOOD ASSOCIATED BREAKERS

c/o Fleetwood Gym, Ryl St.

The F.A.B. has now over 60 members and was founded in December 1980. We already have had a Treasure Hunt, Fox Hunt and many other events. We intend to have other outdoor events in the coming months and would welcome any members of other C.B. clubs.

We meet at the Fleetwood Gym, Ryl St., Fleetwood on alternative Sundays.

Keep up the good work at B.O.T.S.

10-10, we down and gone.

Coast to Coast, Vice'Chairman.

VALLEY BREAKERS CLUB

c/o The Gale Inn, Valley Road, Roachdale.

We would like to inform you of our new breakers club in Cowboy Town, (ROCHDALE), namely, The Valley Breakers Club, we eyeball every Monday night, at THE GALE in THE VALLEY at 7.30pm. – 10.30pm.

We invite both AM & FM breakers, everybody is welcome at our club, EXCEPT bucket mouths of course, our club is at the moment trying to unite all the clubs in and around the surrounding areas, in the fight to clean up the airwaves and stamp out bucket mouthing once and for all.

We are also involved in raising funds for various charities and at the same time having lots of fun.

Membership costs 25p for the year, entrance to the club is 20p for members and 25p for guests. We regret that members must be over 18 years of age but we hope to start a Young Breakers Club in the near future.

Hope to see you soon,

"Sidewinder".

CANARY CITY BREAKERS

c/o Mrs M. R. Andrews, 88 Spencer Street, Norwich.

Canary City Breakers have been running now for nearly a year. In that time we have had Discos, Fancy Dresses, Barbecues, a Fete which raised money for charity, a Raft Race held annually in Norwich and been involved in the Lord Mayor's procession which we will also do this year.

Our next event is a Parachute Jump for charity when a lot of our members will risk life and limb to raise money.

Our Club is for both AM and FM Breakers and is mostly a social club which likes to raise money for charity. All Breakers are welcome and meetings are held at Ebenezers, Salhouse Road, Norwich on the first Tuesday of every month, with social functions during the month. All visiting Breakers are welcome as well as new members, and it helps if you're mad!

Martini, Club Secretary.

CHEADLE AND DISTRICT 27/81 CLUB

c/o 94 Ness Grove, Cheadle, Stoke on Trent, Staffs.

The above club has only been formed for a few weeks, but already has a membership of about 40. Our meetings are held every other Friday at the Social Club starting at 8.30 p.m. Membership is £1.50 per year for adults and 75p for 18's and under.

We hope to have a weekly raffle and to arrange social events such as: discos, competitions, etc.

Any FM breakers interested in joining the club should contact the Secretary (Streaker) at the above address.

BREAKER, BREAK.

Streaker, Secretary.

NOISY CITY BREAKERS CLUB

c/o 26 Duke Street, Darlington, Co. Durham.

Noisy City Breakers Club are not a newly formed club but have been in existence since January, 1981. The reason that I have decided to write this letter is because we have now obtained our own club premises.

We are a social club for all breakers who wish to become members and are open seven days a week from 7.30 to 10.30. We have facilities for wining and dining, we have a pool table, dominoes, darts, space invaders – all the things that go to make a good social club including the breakers themselves. We are not an Alpha Mike or Foxtrot Mike or D.X. type of club – we are purely a breakers social club.

We hope in the future to be able to hold competitions between other breaker clubs in the area, which seem to be very numerous. We feel that we have a lot to offer to breakers in this area and would like breakers from other clubs to join in setting a new style of C.B. club instead of the once a week or once a fortnight eyeball.

Cookie, P.R.O.

IVANHOE BREAKERS CLUB

c/o Home Farm, Appleby Magna, nr. Burton on Trent, Staffs.

Our club was formed in late October 1981 to cater for breakers, both AM and FM, in the area surrounding Ashby de la Zouch, Leics. (Biscuit Town). Our main aims are to promote C.B. radio locally, both to users, and the general public; campaign for a satisfactory C.B. system, which will be compatible with the rest of Europe; and to have a good time in the process.

We meet at 8.30 p.m. on alternate Wednesday evenings, at the Bull's Head, Ashby de la Zouch, and organise social functions at various venues in and around Ashby, at roughly six-weekly intervals. We are also planning a series of week-end convoys to seaside resorts for next summer, if it ever comes!

The recent bad weather has caused us to set up a channel monitoring service, and an emergency service team, to help with floods, power cuts, etc. Also currently under formation are a D.X. section, and a club library service, for members with technical problems. Annual membership costs £2.00 and is open to all breakers in the area. If you ever pass through, give us a shout on channel 14 (AM or FM).

73's and 51's.

John Carter (Rocket Man), P.R.O. and Dogsboddy

OLE FM BREAKERS CLUB

c/o 9 Gribdale Rd., Pallister Park, Middlesbrough, Cleveland.

We would like to let you know of a new FM breakers club that has been formed in this area. It's name is the O.L.E. FM Breakers Club, standing for Outlying Estates FM Club.

We meet in the Eagle Hotel, Rothbury Road, Berwick Hills, Middlesbrough every other Tuesday at 8p.m. Our first meeting was on the 9th February 1982.

Any breakers visiting the area on our club nights will be made welcome.

Teragram, Sec.

VICTOR WHISKEY INTERNATIONAL DX GROUP

c/o P.O. Box 3, Prestatyn, Clwyd, North Wales.

The Victor Whiskey International DX Group (Voice of Wales), is a new DX Group formed in January 1982. Our membership is growing rapidly, and we would like to take this opportunity to welcome fellow DX'ers to join us. We monitor frequency 27.555 (channel 52) USB.

For your £4.50, plus £1.00 for XYL, you will receive; 10 Franked QSL Cards, Franked Certificate, Membership card and V.W. Number. For details and application forms, write, enclosing S.A.E. to the above address.

The DX-ing Officers are as follows; V.W.01, V.W.02, and V.W.03.

V.W.05. Victor Whiskey 05, (Secretary)

V.W.01. Victor Whiskey 01, (DX Officer).

UNITED BREAKERS

c/o 1 Honeyfield Road, Rassau, Ebbw Vale, Gwent.

We would like to inform you that United Breakers (formerly Piccaddily United Breakers) now meet at the Rhyd-y-Blew Inn, Beaufort in the Ebbw Vale 20, on Wednesdays at 8 p.m.

The club is open to all breakers AM/FM and of any age. There are no joining fees but members pay 50p per fortnight, we also show a video film. The entrance fee to visitors is 30p.

Since November '81 we have held a disco and a sponsored three-legged race raising over £250 for charity, which we are presenting at a disco on February 26.

So if any breakers in the Ebbw Vale 20 give us a shout on 1-4 and we would be delighted to copy or eyeball you.

Stelladrinker, P.R.O.

DRAGONSIDE BIG WHEELERS CLUB

c/o Cross Keys, Chester Rd., Buckley, Clwyd.

The club has been formed for four months now and has 114 members. Membership is still open for those that are still interested and costs £1 for your membership card plus 50p per meeting thereafter. We are mainly mobiles with a few home stations.

We meet at the Cross Keys at Buckley (Overspill) on alternate Wednesdays at 8p.m. Anyone wishing more information contact the secretaries Executioner or Red Rose on 19 or present themselves on the night.

77's & 88's.

Executioner, Sec.

ZERO TANGO CLUB

c/o 6 King Edward St., Hucknall, Notts.

I am writing on behalf of our new breakers club. We opened on the 6th February 1982, and we meet each Saturday night at the tea rooms on Titchfield Park, Hucknall from 7p.m. to 9p.m. For more information please contact the club secretaries: Trevor and Jennifer Charles at above address.

T. & J. Charles, Secs.

DUTCH UNCLE QSL CLUB

c/o P.O. Box 8095, 5601 KB Eindhoven, The Netherlands.

The Dutch Uncle QSL Club has now 390 members in 24 different countries among which is England. Cost of membership is US\$ 15 and 15 of your own QSL cards, for which you receive your personal Uncle number and ID card, certificate, rubber club stamp, club patch, sticker, plastic cardholder, tourist info on Eindhoven, roster and QSL cards.

Sjef Van Eijk, President.

KCB

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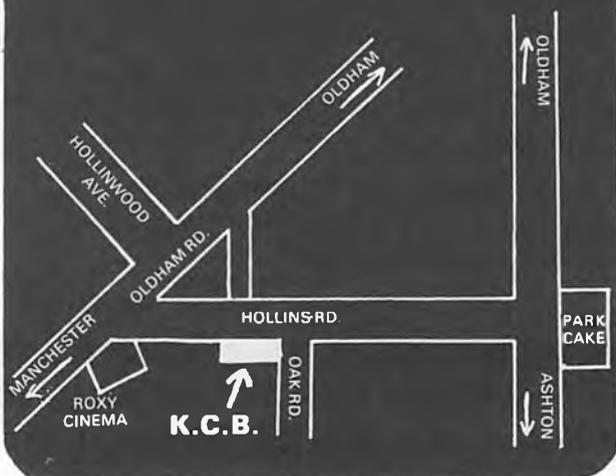
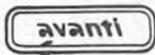
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by 16th of each month

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**MAKE IT YOUR MAGAZINE BY
MAKING YOUR POINT OF VIEW
MADE KNOWN THROUGH US.**

KEEP CONTACT - BRING IT IN!!!

**It is the policy of the publishers of Breaker On
The Side NOT to support the illegal use or
possession of non-British specification C.B.
equipment, nor do we intend to encourage
such illegal activities.**

**BRITAIN: 27MHz F.M. or 934 MHz F.M.
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EDITORIAL

From the start of this magazine we have campaigned for the good of C.B. – to date with nineteen issues and more than four years in C.B. I am confident that everyone can recognise the tremendous benefit C.B. offers when it is used correctly. The major concern should not be whether U.K. FM or worldwide A.M. (F.C.C.). At this stage we should all be at peace with one another and promoting C.B. for the U.K.

USE C.B. CORRECTLY.

We have forty channels for open communication with channel nine reserved for emergency broadcasts – Do you or your club monitor channel nine? One day you may need help quickly. Areas of the country have agreed Breaking channels. 'Breaking Channels' are not for long conversations but for gaining a copy and then quickly moving to a free channel. Make C.B. good communication, learn how to use your C.B.

C.B. CAN HELP YOU. C.B. CAN HELP OTHERS.

Since November 81 the legal band for C.B. in the U.K. has been 27MHz F.M. and that has opened up all new horizons for C.B. It is not everyone who wanted to be a rebel! C.B. can now go into every home. C.B. can be part of the family, it can revive 'that' community spirit. The motorist can gain help with directions in a strange town, avoid long delays by being given road reports or warnings. The old, infirm or crippled can communicate with the outside world. Underdeveloped third world countries are being given C.B. to open up lines of communication. C.B. must be amongst the lowest priced ways of communication. On average £150 sets you up with your basics. Nowadays, there are also many extras easy to fit to a rig that take your 40 channels and moves you up market at very reasonable prices, giving you added personalisation and interest to enjoy your C.B. to the full.

The magazine has been able to assist C.B. clubs with their charity work and fund raising. Through this we have got close to many charitable organisations and local government bodies interested in using C.B. to help the aged and blind. Together we have come up with many innovations to help the disabled and now to help you! We were the first to look at C.B. insurance for you and insurance stops you being out of pocket with your loss when all of the time it is not the C.B. that is easy to steal it is a question of how secure your car or home is made to protect its contents. NOW in conjunction with Plustronics Ltd of Newcastle, Staffs. (Midland C.B.) we will be offering to the market very, very soon what we consider to be the 'Safest C.B.' ever to be made. Top marks to Plustronics A BRITISH COMPANY with faith in the C.B. market and awareness to give breakers what they want. The product at present under confidential wraps will be one of the most exciting 'things' to come to the U.K. C.B. market. With us, keep an eye open for Midland C.B. in the very near future.

Peter G.



Dear BOTS

I am an ex-AM breaker who has just changed to FM. I would like to point out that my new Lake 950 and Half-breed twig gets out further than my old AM Kraco 4004 and my old four foot Firestick. I know the Kraco range of rigs is 10-1, but at least now on FM I can get out farther.

There are a few snags with FM which are: Channel congestion in city areas; +30db copies have a tendency to bleed over quite a few channels making it impossible to get out; the old problem of Sidebanders fuzzing over the new legal channels, not just from the U.K. but from all over Europe.

I have one thing to say about AM breakers, you've got more spirit than the FM mob. All the time I have been on FM I have never heard anyone arranging a convoy or shouting for help to find missing people.

I am now in boarding Colditz in Treacle Town, where I am allowed to keep my chicken box. I don't mind AM breakers coming on 68 and shouting for a copy as quite a few of my old Good Buddies come up and talk to me.

On FM we still have the mike-keyers and the turkeys, bucketmouths and disc-jockeys which are a pain on both FM and AM. In my opinion, I would say that AM and FM are great systems of CB radio, although I was put off at first by the rumours which spread around Circle City about FM range, but these rumours I'm glad to say have virtually no ground.

Scappy Doo
Pudsey, nr Circle City

Dear BOTS

I'm a renal patient (on a kidney machine). I have to use the machine 18 hours a week which adds up to a lot of time with not much to do. Also after a recent hip replacement I haven't been able to get out much to meet people round my own age (23). My local C.B. club Hope Valley Breakers got together and presented me with a rig at a disco they held. They also presented Big Mama (Mum) with a lovely bouquet for all the help and care I lovingly receive. So through your magazine I would like to thank the H.V.B.C. for a wonderful evening and for all the hard work and time spent on making it so. I know time will fly with all my Good Buddies to talk to. Keep up the good work.

73's and 88's to all.

Silver Dollar, Little G.

Dear BOTS

I am writing to you with my views on the legal FM systems.

I have been a breaker on FM for the last five months and I find it very disturbing to find that myself and other FM breakers are having the same problem, which is, I am getting a lot of interference and bleedover so it is making it hard for me to modulate. Due to this at times I was unable to monitor properly on channel 9.

I am thinking that it is the AM highband and sideband wiping me out. I am ending this letter hoping that something will be done if possible in the not too distant future.

FM Breaker
Preston



Special Delivery

Contd.

Dear BOTS

I am writing to appeal to all clubs from John'O'Groats to Lands End. From the 9th April to the 16th April, Peter Reynolds who is a Cub Instructor with the Marist Cubs, Cottingham Road, Hull is going to cycle from John'O'Groats to Lands End, in an 8 day sponsored ride. Proceeds to go to the Jimmy Saville, Stoke Manderville Appeal Fund, 20% of the money will be donated to the Marist Cub Fund. Driving the back-up vehicle will be the Martian, from Bridgetown. He will be calling out to all good buddies, all the way, appealing for donations for the fund.

We will be able to contact all breakers on FM, AM or SSB. Please could any clubs wanting to arrange an eyeball on route, write to The Martian, 420 Beverley Road, Hull.

Thanking you.

D. Reynolds, The Martian

Dear BOTS

Being fed up with homebase on 27AM, I took my rig and went mobile. Living in Motion Lotion City I headed out towards Sun City.

On the way we had some really good modulations and eyeballs with mobile breakers. We thought this would continue but it didn't.

I pulled into Sun City and to my surprise we got a very hostile welcome, no homebase breakers would copy us or go for a free drink we offered them. The only breakers that would talk to us were mobile.

This is not the first time this has happened, we also had the same trouble in Southport. Is this the way to carry on in our hometown when homebase. I welcome any breakers into our modulation. CB was supposed to be a way of making friends and meeting people, so what's happening in these towns.

*Livewire
Motion Lotion City Breaker*

Dear BOTS

As a breaker over '21' I should like to give praise to you and your staff for such a handy-sized and enjoyable magazine every month. I enjoy rig test and new equipment, also all the info on clubs which are going very well, but sadly no info on clubs in the Glasgow area. Most of the clubs I have heard about, when I try to visit them, have folded up. Any chance of Glasgow club secretaries giving some info to you at BOTS each month. There are many breakers on the air but not many have any connection to clubs.

Re: your editorial on sale date. We cannot purchase it here in Glasgow until 24th of the month, yet whilst on holiday last year in Blackpool and Morecombe I purchased August issue on the 12 July while I was still reading July issue which I got in Glasgow before going on holiday. Never mind, I won't mind if I cannot find a club here, as I have a good shop to buy rigs etc. which is Romar which gives you all the help and doesn't mind spending time talking to you, not like the big units who just want to sell rigs and give no help and advice. It is run by two Radio Clyde D.J.'s.

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WHEN YOU'VE GOT THE BEST - FORGET THE REST

Dear Pete

Regarding our telephone conversation on the morning of 2nd February concerning the legality of Police Officers telling people to remove illegal aeriels either attached to or on their own property. You did ask me to write to you about it. Anyway here goes.

On Sunday 31st January, a local breaker had two Police Officers knock on his door and told him to remove his aeriels, bearing in mind that the breaker concerned lives 25 yds away from my own house with a very noticeable aeriels mounted outside, I did not have any visitors. Also another local who has only been breaking for about a month also had visitors and has closed down (QRT), she had a Silver Rod mounted on an outside wall. Surrounding her within a distance of 30 yds is a Dipole, Sigma vi, and a DP $\frac{1}{2}$ wave, again the latter three had no visitors. Could you explain the law insofar as illegal aeriels go and the powers held by Police Officers.

*John Nichols
Birmingham*

Dear Sir

My name is Brian, I am the chairman of the charity run from the Railway Pub by the regulars and the Landlady. We have already done many fund raising events since September of last year to raise money to buy guide dogs for the blind people of the Manchester area.

The event in question is a Gala Day on Sunday 25th July at Bawlec Playing Fields, Birch, nr. Heywood. We are hoping to have some Custom Cars, Bikes, Vans, Vintage cars

and bikes on display and some trade stands at £30 per stand. We also have programmes for entrance only and are doing £10 adverts in these programmes, if you have anyone interested or you think that you could help us then please contact me as soon as possible. Hoping to hear from you soon.

*Mr. B. Candler
11 Latrigg Cres, Langley, Middleton
For and on Behalf of
Guide Dogs for the Blind (RNIB)*

Dear BOTS

May I through your magazine, speak for the majority of CBers all over the United Kingdom.

Please read on if you CBers would still like to see AM legalised.

I would like a CBer from each town, village or county to get a petition running, it doesn't matter if you are FM-AM, policeman, M.P., comedian, actor, pop group, wife or husband, we would love your support. People say AM is dead, we breakers who have signed a petition do not think so.

This is the United Kingdom, so let's be UNITED.

Anyone who is interested please send your petitions to Yorkie Girl. The number of breakers will be totalled up and you will hear from me again. If the response is good the Home Office can expect a visit from a lot of breakers.

*Yorkie Girl
c/o The Prince of Wales
Barbers Row, Renishaw
Nr. Sheffield*



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SAFETY FIRST

FOR YOUR RIG AND YOU

Most of the aspects of C.B. Radio have been looked at in the various magazines, but unfortunately one aspect in particular has not been in my view given sufficient airing and that is the one of safety.

The following points if adhered to should help prevent too many cases of blown-up rigs or blown-up breakers! As a rig doctor most of the sets I get to repair (about 80%) are suffering from faults directly attributed to misuse, so at the risk of putting myself out of business I'll start with some of the most common mistakes causing rig failure.

The most usual blunder is in the connecting of the rig to a power supply. With the exception of home base rigs with built-in power supply units all rigs must only be connected to a 12 volt or 13.8 volt battery or regulated power supply unit. Do not use a model train transformer or a battery charger and avoid buying C.B. power supplies which do not have a three core mains lead, the two core variety do not conform to British safety standards and can have a nasty habit of becoming live at the most inconvenient times! One breaker brought a rig (or what remained of it) to me for repair after buying it from one of the large department stores, taking it home and promptly plugging the red and black power leads straight into the mains, the chap was lucky to be able to give the rig to me himself instead of his widow! It would be wise for those first time buyers to get their rig from one of the dedicated C.B. shops where they can get the proper advice on its use so that these sort of accidents are less likely to happen.

Having got the correct power supply the next step is connecting the rig to it. Most of us at some time or other inadvertently connect the wires back to front, this is not usually serious however as all rigs contain a protection diode circuit which immediately blows the fuse in the power lead (usually 2amp) without causing further damage, all that remains then is to say 'silly bugger' to yourself, replace the fuse and connect the wires correctly, and you're away. This is where a lot of rig disasters happen, if instead of replacing the fuse with the correct type (2A) you replace it with a much higher rating fuse or tinfoil while not realising that the wires are not



connected right way round, then have you got trouble! The protection circuit will happily blow a 2AMP fuse, but when confronted with anything much higher it destroys itself allowing the full reversed voltage into the rig destroying pounds worth of transistors and integrated circuits. So remember when the fuse in the rig or power supply blows always replace it with the correct type, if the fuses keep on blowing even when connected properly take it to a rig doctor (preferably me) to find out the cause.

Connecting an antenna is the next problem, it's no use just sticking an old coathanger into the antenna socket and hoping it will work, you *must* use an antenna system specifically designed to work on 27MHz (or whatever frequency band you're using). Using the wrong type of antenna or a C.B. antenna which is incorrectly tuned will create a large mismatch and S.W.R., this causes a great deal of the power output to be reflected back into the rig and can cause damage to the output transistors, another costly repair. If the S.W.R. is more than 3:1 or 'in the red' then there is a great risk of damage if the microphone is keyed for more than a few seconds, try to keep the S.W.R. below 2:1 if possible, most rigs can withstand that easily.

On the subject of antennas, erecting them is not so straightforward as it may seem. Fitting a mobile antenna on a vehicle should present few safety problems provided it is mounted in a position where it would not take some unfortunate pedestrians eye out, erecting a home base antenna is a different matter altogether, however. If you intend putting one on the chimney stack make sure the stack is sturdy and well maintained, also use a heavy duty chimney lashing kit and avoid the temptation to use large antenna or beams especially at 27MHz. C.B. antennas should not be fitted to the same mast as the T.V. aerial, with the possible exception of 934MHz antennas. The safest place to fix an outside antenna is to the wall of the house, again make sure the condition of the brickwork is sound and use rawl-bolts *not* 'plasplugs' to fix the bracket, a strong wind can make an antenna appear many times heavier.

Here are a few more safety points often overlooked:

- 1 – Don't mount the rig mobile in a position where it is difficult to operate the controls whilst driving or where the microphone lead is liable to become entangled in the steering wheel.
- 2 – Don't transmit on the forecourt of a petrol station, besides risking an explosion it can also affect electronic petrol pump registers, usually to your disadvantage.
- 3 – Don't transmit with the antenna close to your body and in particular close to your eyes, this applies to 27MHz as well as 934MHz.

To many of you most of what you've just read is common sense, I hope so, if not read it again and think about it. Keep C.B. a safe activity ■

National Foster Care Association



'CB CARE CONVOY'

DURING the period May 15–22, National Foster Care Week, the National Foster Care Association, with the support of Breakers from all over the country, will be conducting a CB Care Convoy. Eight specially decorated Ford Fiestas, courtesy of Ford Motor Dealers, will be driven by volunteer teams of CBers and, leaving from eight different locations, will tour the country. It is anticipated that the cars will visit over 500 cities, towns and villages during the event.

The aim of the project is to increase public awareness of the need for more foster parents and to raise funds for the National Foster Care Association.

In support of the project we have received the assistance of some country music artistes. Carey Duncan, a very popular and dynamic singer and her band will be following the route and giving seven concerts in aid of the project. Carey has also recorded a special record for the National Foster Care Association – "Nobodys Child" and "They call it CB". This record will also be a major means of raising revenue. 'Slim Pickins and the Yellowstone Picnic Band' have also donated their services and will be giving a concert in Reading on Sunday, May 16. 'Slim', a CBer, has also passed the word on to the Reading area CB clubs.

At all of the evening stops it is planned that 'country music' socials will take place, where CBers and foster parents can get together in support of the project. The 'CB Care Convoy' is already receiving very great interest from the press and television, we hope that it will get exposure on a national level.

Response from CB clubs has been tremendous, from Aberdeen to Plymouth, Kent to Cumbria, the National Foster Care Association has been overwhelmed by the enthusiasm and support of Breakers. As this is the first time that the association has ever gone on such a project the response has been far greater than we had anticipated.

We have called on Breakers to get behind the project and support our

contd. on page 12

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I enclose deposit(s) of £10.00 per person and understand that my full balance is payable one month before travel.

Signature Date

If bringing car, please state make and Reg. No.

C.B. CARE CONVOY contd. from page 10

aims by donating £1 or, as a club, hold a special 'country music' social with our foster parent groups, this is exactly what is happening.

If you can imagine Wembley Stadium, completely full, with the aisles full and the turnstiles jammed then you'll have an idea of the number of children in care in this country – almost 120,000. We want to get as many of these children into a family environment, to enjoy the real home and family life that is essential to all children. With the support of Breakers and the country music people we can do it. If only 120,000 Breakers were to make a donation of £1 each we would go a long way in securing the new families so essential to these children.

Breakers can help by supporting our effort through such a donation, or by getting their club to get involved in the project, or they may be interested in looking at the possibility of fostering. We'd like to hear from clubs from all over the country and particularly from these regions.

Leeds, Preston, Bolton, Liverpool, Morecambe, Blackpool, Hull, Newcastle, Bristol, Birmingham, Coventry, Leicester, Northampton, Norwich, Ipswich, Sheffield, Huddersfield, Bradford, Manchester, Cardiff, Swansea, Glasgow, Edinburgh, Stirling, Dundee, Aberdeen, Torquay, Southampton, Plymouth.

Our call is to all CBers, if you wish to help the 'CB Care Convoy' to be successful please contact:

Tom Dykes, 'CB Care Convoy', National Foster Care Association, Francis House, Francis Street, London SW1P 1DE. 01-828 6266

Director

S. Christine Reeves

National

Francis House

Foster Care

Francis Street

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**National Foster Care
Week,
May 15–22**

ADVICE FOR BREAKERS

NEW AND NOT SO NEW

Everybody has to start somewhere. There is only one rule for new breakers and that is *don't be afraid to ask for help!* But for those of you who are too shy, too old or too idle to admit you could use some advice here is a load of odd bits of info. Sort it out for yourselves!

1. Starting out from Zeroville.

Question: My mates want me to join them on CB. They say I need a rig. What is a rig?

Answer: It's a two-way radio. It will send and receive, because it is a transmitter and a receiver in the same box.

Question: Sounds complicated. How does it work and do I need HNC to use it?

Answer: Who cares how it works? All you need to know (for the minute anyway) is that you press the switch on the mike (sorry . . . microphone, as on a telephone) when you want to ratchet (sorry . . . talk) and leave go of the switch when you want to earwig (sorry . . . listen to somebody ratcheting at you.)

Question: What's all this ratchet earwig rubbish?

Answer: Never mind; it's awful, but you'd better get used to it. UK breakers are not happy speaking proper, like wot us normal folk do . . . more's the pity.

Question: OK, so I get a rig. What else do I need?

Answer: Two things are dead essential, mate. You need a twig and a supply of electricity to make the rig play.

Question: Twig?

contd. over



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Answer: Yes, you need an aerial, antenna or whatever you want to call it. My current seat cover (girl friend, talent, bird etc) calls it my fishing rod.

Question: Boasting again. OK, I get a twig. What sort?

Answer: Ask your mates what they recommend. Find out how much it costs and how big it is, because if you can't fit it to *your* car, or if it won't go on *your* chimney stack, or if you can't afford it, then you will have to think again. Remember that you also need enough cable (called "coax") to connect the twig to the rig. You also need the plug for the connection to the rig. It's usually a "PL259" plug and you might need to suss out how to connect it to the cable properly, because if you cock it up then you won't be ratcheting to anyone. *Ask* someone to show you, or fix it for you.

Question: Can I just plug the rig into the mains – it's got live and neutral leads in red and black coming out of it?

Answer: Only if you want to kill yourself! Unless it is what is called a home base station *and* it has a mains power unit built into it can you connect direct to the mains. Most rigs are designed to run off a 12 volt car battery.

Question: Do I have to take the car battery indoors, or can I use a battery charger instead?

Answer: Yes you can take the battery inside, if you insist and you can use a charger *as long as the battery is connected to it*. A charger *alone* gives out too much voltage and will damage the rig. It will also cause loud buzzing noises. Better still, forget moving damn great batteries about; get yourself a proper CB power supply. It plugs into the mains at one end and churns out a nice, precise DC voltage at the other. A 12 volt, 5 amp supply will run any legal rig.

Question: I've seen power supplies in the local CB shop. They all said 13.8 volts.

Answer: That is the approximate, normal, fully-charged voltage of a "12 volt" car battery. It will not damage any CB rig. It's only when you get over 15 volts that you start getting smoke and over-heating. Goodbye, rig! You get even faster results if you plug into the mains or if you forget that the *red* lead goes to the *positive* terminal.

Question: Everybody says I need a "power mike", and "SWR meter" and a load of other bits and pieces. Is it true?

contd. on page 18



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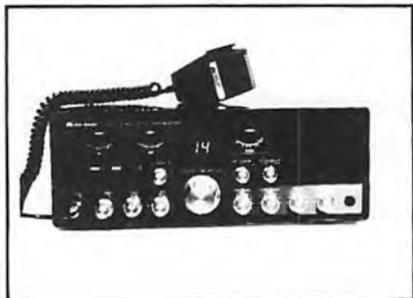
From the many discussions within B.O.T.S. our Editor becomes very red faced when we make reference to articles in the national press regarding "The boom that never happened" and which often makes him put on his heavy boots with sparks flying from all directions. With the search to bring you the truth behind C.B. in the U.K. Peter G. came face to face with the name behind MIDLAND C.B. here in the U.K. Pictured left is Rupert James Henry Cartlidge, Chief Executive and Managing Director of Photopia International Group including Plustronics Ltd. (Midland C.B.).

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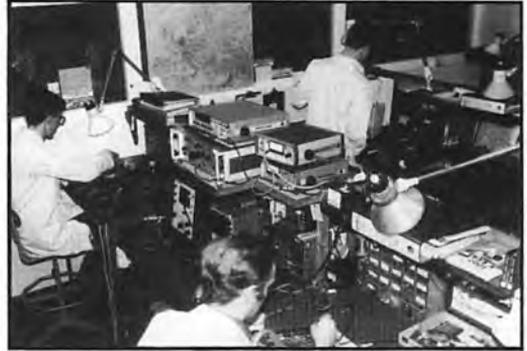


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At B.O.T.S. we do not consider that the boom never happened. What we saw was hundreds jump on the band wagon for a quick pound, now where are they? Some have left you with sets that you will never have a guarantee honoured – you buy them cheap and pay dearly. Midland C.B. is a good name in C.B. and fully supports the consumer through its service and back-up. Midland put their sets in your hands through mail order companies like Littlewoods and through major retail groups from their wholesale and national account trading companies.



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Answer: Not really. The “SWR meter” is very useful (if only you know what to do with it) but you can usually borrow one if you get into trouble. Breakers usually try to help other breakers with problems. Also, an “aerial tuning unit” (ATU) can be useful for home base operation, but many breakers manage quite well without.

2. Problemville.

Question: I bought a rig from a guy in a pub. I can't hear any of my buddies on any of the channels. What do I do?

Answer: Read what it says on the front of the rig. What did it cost you?

Question: I paid seventy notes for it. The guy said it was the latest in legal FM rigs. It's an ICOM model IC 240. What's wrong with that?

Answer: Plenty. Like a lot of breakers you just got ripped off. You bought a ham radio VHF set that somebody stole from a car. ICOM, TRIO and quite a few other Japanese radio makers do *not* make CB rigs. *Never* buy a rig from anyone you do not know well enough to track down and get your cash back from.

Question: What other mistakes can I make buying second-hand rigs?

Answer: Good question! There is the obvious one, the rig that won't play properly. *Always* look for a demo before agreeing to pay out. Check that all the controls work and that all the channels are there.

Question: You mentioned the controls. I got a rig with no instructions with it. How do I know what does what?

Answer: Mostly commonsense and trial and error. For a start there is a loudspeaker volume control, sometimes called “AF gain”. Turn it anticlockwise and the sound goes down. (If it doesn't go down, or if you get nasty crackles, the control may well be duff.) There may be an “RF gain” control or a “local-DX” switch. That adjusts the incoming signal level to suit the rest of the rig, or to the strength of the breaker you want to copy. There is also the channel selector switch and the fancy lights that tell you which channel you are on. There is almost always a “squelch control”.

Question: What is that???

Answer: Another volume control really. It sets a signal level in the rig so that until

contd. on page 22



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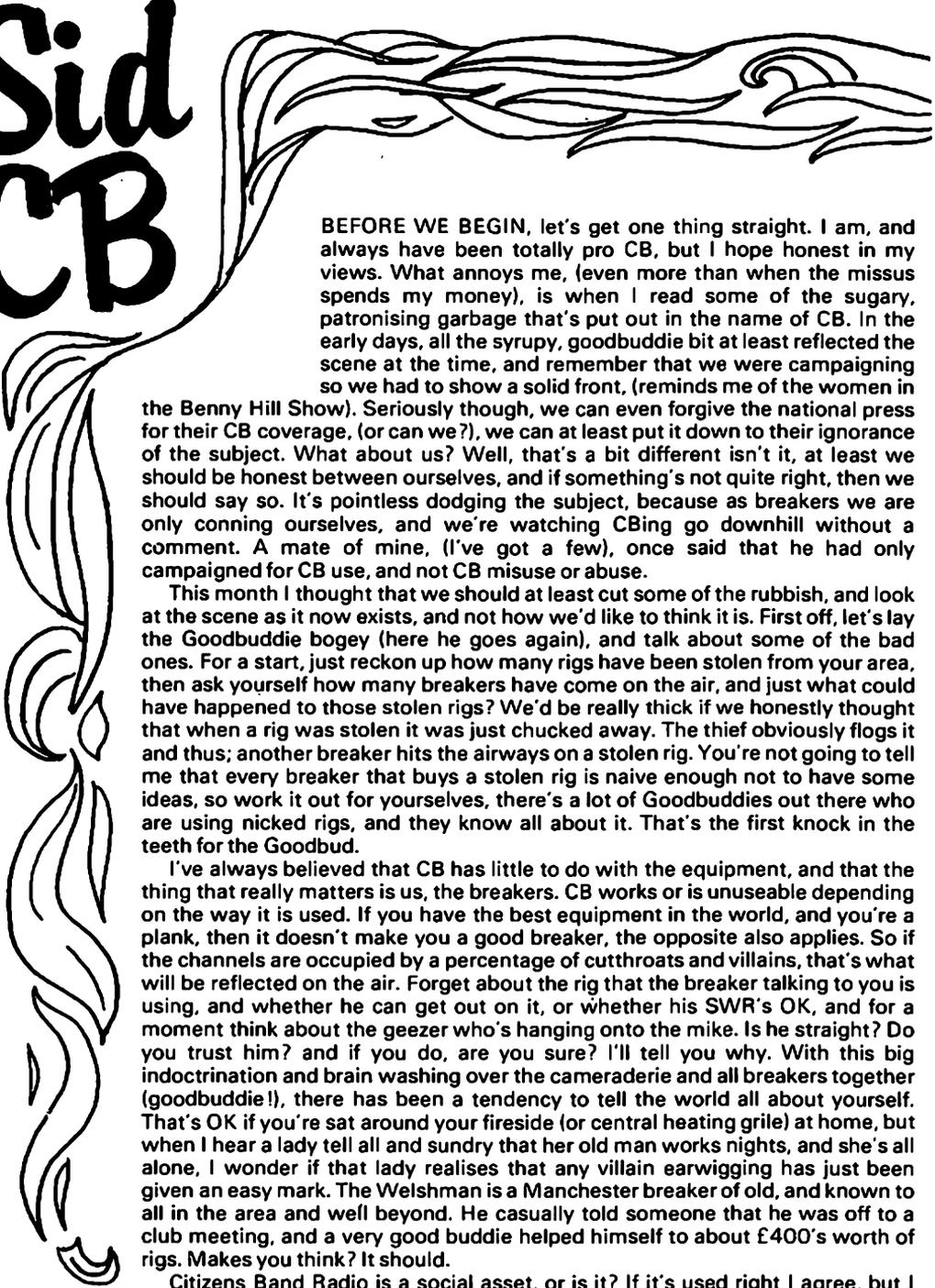
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Sid CB



BEFORE WE BEGIN, let's get one thing straight. I am, and always have been totally pro CB, but I hope honest in my views. What annoys me, (even more than when the missus spends my money), is when I read some of the sugary, patronising garbage that's put out in the name of CB. In the early days, all the syrupy, goodbuddie bit at least reflected the scene at the time, and remember that we were campaigning so we had to show a solid front, (reminds me of the women in

the Benny Hill Show). Seriously though, we can even forgive the national press for their CB coverage, (or can we?), we can at least put it down to their ignorance of the subject. What about us? Well, that's a bit different isn't it, at least we should be honest between ourselves, and if something's not quite right, then we should say so. It's pointless dodging the subject, because as breakers we are only conning ourselves, and we're watching CBing go downhill without a comment. A mate of mine, (I've got a few), once said that he had only campaigned for CB use, and not CB misuse or abuse.

This month I thought that we should at least cut some of the rubbish, and look at the scene as it now exists, and not how we'd like to think it is. First off, let's lay the Goodbuddie bogey (here he goes again), and talk about some of the bad ones. For a start, just reckon up how many rigs have been stolen from your area, then ask yourself how many breakers have come on the air, and just what could have happened to those stolen rigs? We'd be really thick if we honestly thought that when a rig was stolen it was just chucked away. The thief obviously flogs it and thus; another breaker hits the airways on a stolen rig. You're not going to tell me that every breaker that buys a stolen rig is naive enough not to have some ideas, so work it out for yourselves, there's a lot of Goodbuddies out there who are using nicked rigs, and they know all about it. That's the first knock in the teeth for the Goodbud.

I've always believed that CB has little to do with the equipment, and that the thing that really matters is us, the breakers. CB works or is unuseable depending on the way it is used. If you have the best equipment in the world, and you're a plank, then it doesn't make you a good breaker, the opposite also applies. So if the channels are occupied by a percentage of cutthroats and villains, that's what will be reflected on the air. Forget about the rig that the breaker talking to you is using, and whether he can get out on it, or whether his SWR's OK, and for a moment think about the geezer who's hanging onto the mike. Is he straight? Do you trust him? and if you do, are you sure? I'll tell you why. With this big indoctrination and brain washing over the cameraderie and all breakers together (goodbuddie!), there has been a tendency to tell the world all about yourself. That's OK if you're sat around your fireside (or central heating grille) at home, but when I hear a lady tell all and sundry that her old man works nights, and she's all alone, I wonder if that lady realises that any villain earwiggling has just been given an easy mark. The Welshman is a Manchester breaker of old, and known to all in the area and well beyond. He casually told someone that he was off to a club meeting, and a very good buddie helped himself to about £400's worth of rigs. Makes you think? It should.

Citizens Band Radio is a social asset, or is it? If it's used right I agree, but I know quite a number of people who have been bitten by the bug, and been



unable to flick that little switch that has OFF next to it. Those same people are the ones who turn up at meetings with their eyes down their knees, and suitcases because the wife has kicked them out. How do I know? Well again I'll be honest and own up. Yeah, I was one of 'em. I found it very hard to reach that off switch, and I used to get some right earache from the better half for keeping her awake half the night. Come on lads, you know for yourselves that you've had it from the wife with comments like, "If ever I want to talk to you now I've got to shout on 14!". So you've been on the air all night, you look at your watch and "Flipping heck! (Or words to that effect) it's 6am and you've got to go to work without any sleep. Or is it "I'll stay off today, and catch up on my kip?". Think about it, there's more than a few who have lost their jobs through the old rig.

The "Muppet Channel", that's what it was called, but why? Be honest, it was because of the amount of looneys, whistlers, ignorami (if that's the plural of ignoramus), swearers, general planks, and other assorted malcontents. Many times I've heard genuine breakers tell me "I'm fed up with it, you can't get a decent copy anymore", or "I'm going off the air because of the planks". The list could be endless of the thousands of little incidents in my area alone that have been a direct result of CB, and the way it has been used. Groundhog got beat up, Coffee mate was accused of having an affair with someone's husband, and was threatened with assault, Nite Nurse was followed up and down the channels and slagged. There's a movement that wants to do away with channel nine emergencies, and then there's others who refuse to allow anyone else to use it for such a purpose, and shout all over it when another breaker needs help. The rogue rig doctors who took my broken rig, didn't fix it, but gave it me back twelve months later and told me "We couldn't fix it, so we pinched a couple of transistors out of it for someone else". (Anyone want to buy a rig with a dickey chip, and a couple of holes where transistors used to be?).

For the time being those are the charges laid against CB and its present state. I don't for one moment think that many of you will agree, but the choice is yours. You are invited to comment, defend, or generally pull me to pieces over my views, and the space will be here for you to say your bit, (without being censored, except the rude bits). Remember though that I'm still in favour of CB, and that means CB as was wanted in the first place. I don't expect perfection, but I'd like to be able to allow my nipper to go on channel without any hassle. Would you put yours on the air? I know all about the genuine breakers and their good works, and I would not for one moment want to put them down, the problem is that they could be a minority in the near future, and CB could be a waste of time. What a tragedy that would be !!!

Tara SidXXX

the incoming breaker is loud enough to overcome the preset level, you don't hear a thing. When a breaker is loud enough, he "opens up" the squelch and you hear him. It's really a neat way of getting shut of a lot of background noise you don't want to listen to. Note that if the squelch control does not seem to silence the rig (on a quiet channel) it is probably duff.

Question: Any other controls?

Answer: There can be other controls on a legal FM rig. You may get a CB/PA switch. PA is for non-radio use as a public address system, using a large public address-type loudspeaker connected to terminals at the back of the rig. It's very useful for upsetting the fuzz, or your neighbours at 2a.m. after a party.

Question: Great! What else do I need to know about the controls? My good buddy has a lot more than that on his rig.

Answer: He probably has an illegal "multimode" rig. This is where life gets difficult for a new breaker, because with second-hand rigs, it is often impossible to find out if the rig is legal.

Question: What's legal?

Answer: A rig with the "CB27/81" label on the front is usually 100% legal. If it has more than 40 channels *that work*, it is illegal. To be legal, the hi-band, mid-band, low-band switch should not work (if there is a band switch at all.) To operate legally you have to stay on the UK channels, using only FM. Sets with "LSB/ESB/AM" operating modes can be bought and sold quite legally, IF customs duty has been paid on them, but you cannot legally set them up and use them.

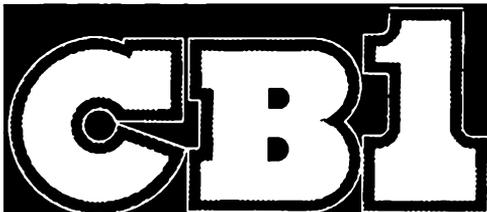
Question: It sounds complicated.

Answer: It is complicated, for a new breaker. The safest bet is a rig with "CB27/81" on it, but be ready for a few surprises, like all your mates are on the "straight 40", using AM.

Question: What's that mean?

Answer: You won't hear them! Wrong mode, wrong channels.

contd. on page 24

The logo for CBI (Centre Base One) features the letters 'CBI' in a large, bold, stylized font. The 'C' is a thick outline, the 'B' is solid with a thick outline, and the '1' is also solid with a thick outline. The letters are white with a black outline, set against a black background.

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AN EXTENSIVE RANGE
OF ACCESSORIES AND
THE GREATEST RANGE
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To the Editor!



Dear Sir,

May we through your correspondence pages thank all those people who have written to us as a result of the article which you so kindly published regarding us in your 'March' issue.

It may be of use to your readers to know that – quite apart from a large number of applications which are still arriving – we received a number of very valuable offers of financial support. As always more is needed – the more we can do the easier it is to prove to the 'hierarchy' that C.B. caters for a tremendous need amongst the handicapped. It answers a lot for them as nothing else can and local and central government are being made more and more aware of it. It is estimated that within two years the need will exist for more channels for them alone and any government would have to be happy to listen to such a plea from those whose lifeline by then it will have become.

For interest – we have received application from as far afield as Germany although little from Devon and Cornwall. It leaves us wondering why? 'B.O.T.S.' does surely get about!

We would be more than happy to hear from anyone we can help or who can help our borrowers – simply write to us and we'll be happy to do what we can.

Yours sincerely,
Touch Disabled C.B. Radio
B. R. POWELL
Hon. Gen. Sec.

Touch Disabled C.B. Radio

**C.B. Radio for the Handicapped
CHA Status applied for**

99 London Road, Slough, Berks.

Tel. 77077

Question: Suppose I get an AM rig. What then?

Answer: There is a very good chance it will cause interference to radio/TV/hi-fi systems in your area. Your neighbours may bubble you to the Post Office, who may just arrive with the fuzz and perhaps a Customs Officer. That's goodbye rig and a load of notes for the fine.

Question: Think I'll stay on FM! What about "SSB" or "Sideband"?

Answer: They both mean the same thing. They are both a kind of AM. Also they cause just as much interference and they are illegal in the UK. They go well for really long distance copies.

Question: I like the sound of that, but you say it's illegal. . . .?

Answer: Yes, it is and you are right on your own if you get caught. It's not really for beginners, because you need to know quite a bit about what you are at. Unfortunately, real beginners who fire up on AM or SSB often get nailed before they find out what they were doing wrong. That's tough, especially for kids who paid out a lot for a rig. It pays to have some experience before you start experimenting with more complex gear.

3. Technical Problemsville.

Question: I got a legal FM rig, a mike, a twig and a DC power supply. It all looks OK, but I cannot hear any breakers, not even the one down the street. What do I try first?

Answer: Can you hear anything at all?

Question: Yes, a hissing noise from the speaker. It goes up and down with the volume control. Is that OK?

Answer: Yes, it is. Now take out the PL 259 plug that connects the rig to the twig. Stick a length of wire (*not* connected to anything, especially the mains!) into the centre hole in the aerial (antenna) socket on the rig. About two to ten feet of wire is enough, but you must take the insulation off the first quarter inch, with a knife or something. If the rig is working you should hear signals on at least one or two channels (unless you are *miles* from the nearest breakers). Put the "local-DX" switch to "DX" or turn the

contd. on page 28



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Nr. Leigh. Tel: Atherton 873827.

BARROW: Barrow C.B. Centre,
155 Rawlinson St., Barrow-in-Furness.
Tel: 0229 30748.

BLACKPOOL: A.D.S. Blackpool,
239 Dickson Road, Blackpool.
Tel: 0253 21296/21173.

BROMLEY: Kent Open Channel now at
Ollders of Bromley, High St., Bromley.
Tel: 01-464 6533. Ext. 127. (Trade No.)
0689 58737.

DENTON: Mike's Stores,
78 Manchester Road, Denton,
Manchester M34 3LE. Tel: 061-320 7338.

DENTON: Paultex Electronics (Video Centre),
50 Manchester Rd., Denton, Manchester.
M34 3LE. Tel: 061-320 8385

DERBY: The Derby C.B. Accessories Centre,
71/73 Farm Street, Derby.
Tel: 0332 44461 (Open Sunday 10-2 pm)

HEYWOOD: Shop On The Side,
29 Bridge St., Heywood, Gtr. Manchester.
Tel: Heywood 624388.

HITCHIN: Breaker 1-9,
4 The Arcade, Hitchin, Herts.
Tel: Hitchin 57826 (Valour Accessories)

KEIGHLEY: Breakers Yard,
22 High Street, Keighley, West Yorks.
Tel: 0535 67206.

LEICESTER: Good Buddies C.B. Shop,
186 Jarrom St., Leicester.
Tel: Leicester 540641.

LEIGH: Lancashire C.B. Centre,
Rothay Street, Leigh, Lancashire.
Tel: (0942) 670696

LEYLAND: Malcom's Car Parts,
25 Preston Road, Leyland.
Tel: Leyland 22129.

LIVERPOOL: C.B. & Radio Accessories,
121 Breck Rd., Anfield, Liverpool 6.
Tel: 051-260 0141 also at 108 Penny Lane,
Liverpool 18.

MANCHESTER: Centre Base One,
433 Wilmslow Road, Withington,
Manchester M20 9AP
Tel: 061-445 8918

MOSTON: The C.B. Shop,
43 Kenyon Lane, Moston,
Manchester. (Open 7 days)

OLDHAM: KCB Electronics,
641 Hollins Rd., Oldham. Tel: 061-681 6972.

REDDISH: Reddish Spares, B.L.M.C. Specialist,
8 Rupert Street, Reddish, Stockport.
Tel: 061-432 0848.

ST. HELENS: Chromasound,
24 North Road, St. Helens, Merseyside.
Tel: 061-477 6483.

STOCKPORT: Stockport C.B. Centre,
14 Buxton Road, Heavily, Stockport.
Tel: 061-477 6483.

If you would like a mention in this column, contact our Bolton Office

C.B. IS ALIVE

B.O.T.S. looks at the style of clubs . . .

From the ups and downs in C.B. since A.M. to the legal day it's good to know C.B.ers and their clubs still have it organised to be good buddies. Here we have just one report for example – do you measure up? (Let us know).

BRAINTREE BREAKERS CLUB



The above club was formed 12 months ago for the breakers in the Braintree district. It is now our second year and membership is close on 400 and growing as we are now open to AM/FM.

So far we have had a lot of success with fund raising efforts. We have adopted the Braintree Mentally Handicapped Society as our charity for the next year to which we have already donated £200. They will receive all profits from our social functions. We also raised funds to get Mr Claydon, a muscular dystrophy sufferer on channel, but he won a rig from our local newspaper which left us with £90 so the breakers formed the Disabled on Channel Society who held a sponsored ratchet and raised over £900 which put Mr Gill plus six others on channel and three more are in the pipeline. Despite all this serious activity we still have time to enjoy our discos etc all due to our hard working committee, chairman Sunsleepers, Social Sec. Black Velvet, Treasurer Whiskey 19, Secretary Rob Roy, Golden numbers to all good buddies, stay lucky. 10-10.

Rob Roy.



Photographs by consent of 'Braithree & Witham Times'

ADVICE FOR BREAKERS contd. from page 24

“RF gain” fully clockwise, if you have one. In fact, you ought to hear signals on a lot of channels in any big city or town.

Question: I can hear lots of breakers! What next?

Answer: You probably have a dead short circuit in the PL 259, or you simply forgot to connect up the centre wire (from the coax feeder cable to the plug.) You could have a cable fault, but it’s much more likely to be one of *your* connections. It could be at the twig . . . (hard luck if its on the chimney stack, but it pays to be very careful before fixing a twig anywhere you can’t easily reach it.)

Question: I cannot hear anything on the ten foot bit of wire. What now?

Answer: If you tap the end of the wire onto the aerial socket centre pin at the back of the rig (the one you took the PL 259 aerial plug out of) you ought to hear clicks in the speaker – assuming there is any noise at all. If you don’t hear clicks or if there is no sound of any sort there is a rig fault. Of course, if the rig on/off switch has no effect (the lights don’t come on), check the power unit is properly connected (a) to the mains (b) to the rig. Check the fuses, check that the mains is switched on (not with your fingers, dummy!) Somewhere, there will be a fault . . . so be patient and very careful. (Now is the time to check the guarantees . . .)

Question: Right; I got the rig to play. But when I press the switch button on the mike so I can ratchet, the little meter on the rig just bangs over against the case. What’s wrong?

Answer: Twig fault, good bud! Sounds mighty like a break in the cable.

Question: OK, I fixed the cable to that damned PL 259 plug and I can get copies. But they all say I am “10-1”.

Answer: Could be a wind-up, but it may just be that your twig is in a very bad place, like in the cellar, or maybe the other breakers were a long way away. Always remember that you ought to hear them at very roughly the same level as they hear you. It’s not always true, especially over long distances, where the other guy may have a super twig and a high power rig, but *on average*, local copies ought to hear you the way you hear them, unless they get problems from a breaker very close to them.

Question: I get awful noises from one of the local breakers. He lives three doors away . . .

Answer: Nothing at all will solve that one. Best chance is to agree for him to stay at channel 40 whilst you stay at channel 1. Even that may not solve the mutual interference problem, if the rigs are not really up to dealing with strong signals. (Few CB rigs are that good).

Question: Can I complain to the Post Office about interference from other breakers?

Answer: Not if you value your kneecaps! Seriously though, breakers get *no* protection at all from interference, unless it is from an illegal station *and* there is also interference to somebody’s television set. Without a TV complaint, Buzby will do nothing at all. The motto of CBers everywhere is D.I.Y. and if you can’t, then ask for help ●

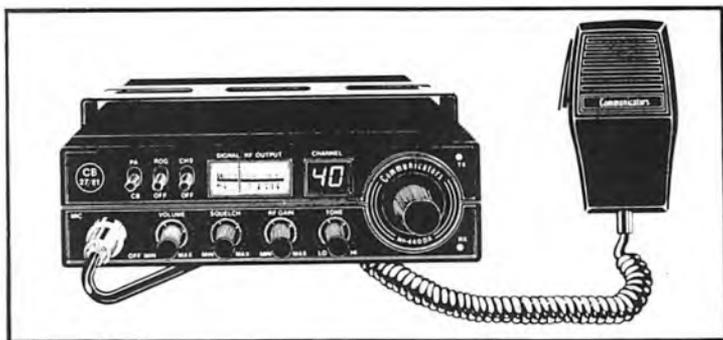
RIG REVIEW

COMMUNICATORS NI-440 DX

This month's rig is the COMMUNICATORS NI-440DX which is distributed by L.C.L. IMPORTS and retails at around the £100 mark. Unfortunately there were a few errors of the kind just described and I will come to them after a description of the rig. The NI-440DX is a mobile set, but due to its size it would not look out of place in the home. The cabinet and front panel are finished in black with a red L.E.D. channel readout and light green signal meter. As well as the normal volume, squelch and channel change there is a tone control, R.F. Gain control and P.A. Roger Bleep and channel nine switches all on the front panel, the 10db attenuation switch is at the back.

As mentioned earlier these rigs suffered from some stock faults which is a pity really, as it marred what would have otherwise been an excellent rig. The most common fault was on the mike, unless the P.T.T. button was held in really firmly no audio was present on the transmission, this was easily cured by fitting a replacement microphone as no codging of the switch assembly seemed to provide satisfactory results. The second most common fault was in the rig itself and was usually intermittent in nature. After transmitting for a few seconds and releasing the P.T.T. the rig carried on transmitting but at a lower power and at a different frequency which could be anywhere between 24mHz and 30mHz (very naughty!) This was found to be more of a design fault than a manufacturing fault, the transmit stages were not adequately isolated from each other causing feedback in these stages. Detuning one or two of the coils in the driver stages slightly, cured the problem completely. More than one or two rigs also had sticking meter needles, again easily cured.

To be fair to the manufacturers, many makes of rigs suffered from stock faults especially the ones that appeared on the market around legal day, perhaps this was because of the rush to get rigs in the shops in time for the C.B. boom (which by the way every one is still waiting for!). No doubt COMMUNICATORS have ironed out their teething problems by now, if so the NI-440DX is an excellent rig giving good overall performance.



SPECIFICATIONS

R.F. Power Output – 4 watts.

Frequency Range – 27.60125 – 27.99125mHz (40 channels).

Modulation – F.M. (+2.5kHz max @ 1kHz).

Size – height 53mm (2.1”) x width 180mm (7.1”) x depth 200mm (7.9”).

Sensitivity – less than 0.5uv for 10dB S/N ratio.

Audio Output – 2 watts @ 8OHMS (4 watts @ 4 OHMS).

DXing.....WE

I would like to start this month with an idea for the unemployed breakers among you. Nothing political, just something I thought might be of interest to fellow breakers wishing to D.X but can't afford it because of lack of cash. Quite simply, a few breakers from one area get together and chip in so much per week to buy a sideband rig, remember you could possibly trade in your old straight 40 if you wanted providing your dealer accepted.

Then having got that and an aerial a nominated partner could set the station up in his or her house or flat and you have the beginnings of a communal station. Every few weeks add to it as you can afford and together a group of say 5 or 6 can build up a very good D.X centre altogether. By sharing the cost you will also find it has not been as costly as it would have been as going alone. Give your group a name like the "Sierra Tango D.X Group" short for Stockport Town or whatever and just go from there. Via the network other groups will no doubt get together and so creating more friendship via the airwaves. Design your own Q.S.L. card based on your town, and or group name as well, sharing the cost of what can be expensive you will also have cheaper Q.S.L. cards as well.

Naturally if somebody has already put the idea into practise I would like to hear from you, as it would certainly be worth some space in a future article.

Talking of making Q.S.L. cards my good friend Andy Cookson President of the fast growing Papa Bravo Q.S.L. Club in Preston would like to hear from those who wish to have their own personal card designed. Andy along with his resident artist Steve have come up with some good cards already and their prices are very compatible compared with most. Andy's address is PO Box 48 Preston Lancs. Naturally a S.A.E. would be appreciated and would guarantee a quick reply. Please mention B.O.T.S. when writing, and also state your quantity and whether you want black and white or colour.

A few months back I spoke of the problems arising from D.Xers using the President Adams, well a young man, named John Bootland wrote to me saying he had found a cure I'll explain. First of all he had a low button fitted, added a 5KC shift and simply lined up the high channels with the aid of a local rig doctor, apparently at no extra expense. John can supply more information by writing to him at 26 Wildern Place, Hedge End, Southampton SO3 4EF.

Thanks everybody for your designs on the cards for B.O.T.S. they will be judged at the end of May now, not the end of April as a few people are still sending in late entries and are certainly worth looking over. So if anybody wants to design a card for the B.O.T.S. magazine please let's have it now. First prize is a replica Astatic D104 homebase mic and 100 of your cards designed by you. All entries should be sent to me or to the magazine.

28th March was a date worth remembering, it was the event of the second National Eyeball of Great Britain, hosted by Playboy, President of the 20-27 club in Chertsey, the event was held at England's largest amusement park "Thorpe Park" from 2-11. Guest appearances included Dave Lee Travis from Radio One.

I was there as it is the home of the "Big Ben Q.S.L. Club", we meet there on every first Monday in the month.

I mentioned before in previous articles I would review one Q.S.L. club from a different country. This month I want to tell you about the "Lisbon International D.X Club" from Portugal. Lisbon D.X is run by Joel Matos, only started recently, although Joel is no stranger to QSLing and DXing, regarded as more of an old hand, having been in it since 1977. Membership stands at 65 since the group started on Sept. 5 1981. Notably 50% of

QSL, YOU QSL

the members are from England and I'm sure they will agree, the package is really something else.

Membership costs £6 and 10 of your personal QSL cards. For your money you will receive a really first class package containing a four colour wall certificate, ID card, QSLs from other members and not 2 but 6 different club stickers from the group. In fact there are 14 items in all. What attracts me most about Lisbon DX is the bi-monthly newsletter each member will receive at no extra cost. Along with information about the cultures of Portugal in a booklet you will also get a copy of CB Worldwide Magazine. Obviously you will get a rubber stamp, but not with your package. The stamp is sent separately, so don't worry about not getting it straight away, and it weighs a ton, it's the only stamp I know that is made with metal.

There is a reward scheme as well for sponsors of other members, this includes various free gifts which the club will send to you. At the end of the year the successful sponsors names are placed in a hat, and the winner that is pulled out will receive an electronic watch. All of this adds up to a remarkable club, with absolute value for money so if you would like an application form or perhaps just swap QSLs then write to Joel at PO Box 4260, 1507 LISBON, CODEX, PORTUGAL.

Next month we travel to Holland, home of the Tulips and Edam cheese to review "QSL DE ZEEMEERMIN" in the city of Rotterdam. Watch out for the QSL card I will put in as well.

Before I end, I would like to personally congratulate English International QSL club on reaching the magical figure of 1000 members. The momentous day was March 11 when the name of VIC WALLACE of 117 KING STREET, MARYPORT, CUMBRIA was added to a list which is now in over 70 countries throughout the world. Truly a remarkable feat and a just reward for Lez and Maureen, club Presidents for all their hard work and dedication they have put into the club since 1979. I know of only 7 clubs that have reached 4 figures since I have been involved in DXing.

That's about it then for this month except to say, next month I will bring you news of a rubber stamp manufacturer who specialises in personal rubber stamps, and Britains first CB Anonymous opened in the north along with a questionnaire for you to fill in and send off.

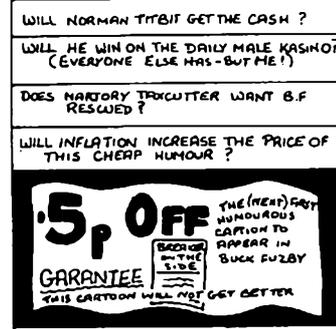
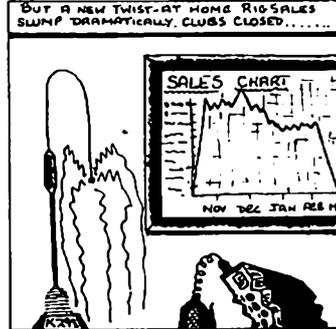
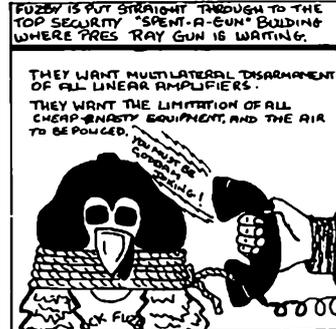
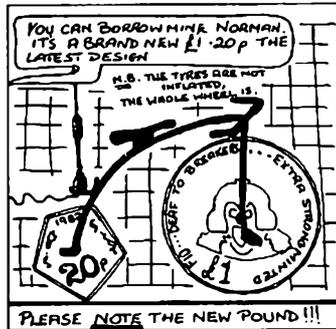
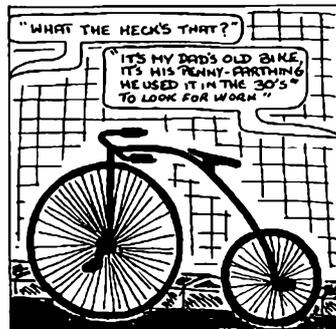
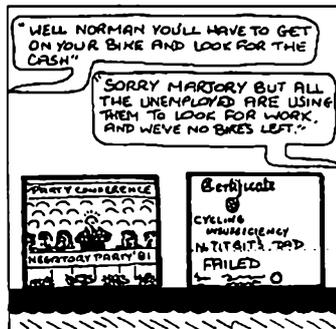
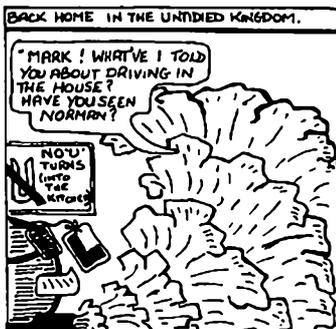
Take care for now and don't forget to keep sending your QSLs and letters and see you next month 73 & 55

Duke QRT



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BREAKER ON THE SIDE ix

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QRA — Name for handle	QSM — Repeat the last message
QRH — Frequency varies	QSP — I will relay
QRL — Busy	QSO — Communications with, contact
QRM — Interference from other stations	QSY — Change frequency
QRN — Natural interference — static	QSZ — Send each word or sentence more than once
QRO — Increase Transmitter Power	QTH — Location
QRP — Decrease Transmitter Power	QTR — Correct time is ----
QRQ — Transmit faster	
QRS — Transmit more slowly	
QRT — Stop transmitting	
QRU — I have nothing for you	
QRV — I am ready	
QRX — Call back later, stand by	
QRZ — Who is calling me?	
QSA — Readability	
QSB — Fading signal	
QSL — Acknowledge receipt	

Phonetic Code:

A — Alfa	H — Hotel	O — Oscar	V — Victor
B — Bravo	I — India	P — Papa	W — Whiskey
C — Charlie	J — Juliett	Q — Quebec	X — X-Ray
D — Delta	K — Kilo	R — Romeo	Y — Yankee
E — Echo	L — Lima	S — Sierra	Z — Zulu
F — Foxtrot	M — Mike	T — Tango	
G — Golf	N — November	U — Uniform	

Note down your call sign: _____

TERMS

CB LINGO

By now we are confident that you are aware we have set the policy to be your very own quality CB magazine.

Against this we consider, accept and appreciate all your points of view. The CB Lingo is of great interest especially to new CB enthusiasts, so we have decided to feature this index in the supplement section of every months magazine. We are here to help you and indeed will always amend this directory as new lingo comes to our ears. All the good numbers to everyone out there, and keep bringing it on in.

A little help – extra power
Adios – leaving the air
Advertising – marked police car with lights on
Affirmative – yes
"All the good numbers" – best wishes
Alligator Station – all mouth and no ears
Amplifier – device for increasing signal strength
Back door – last vehicle in a group
Back out/off – stop transmitting
Background – noise or static over channel
Backside – return trip
Backstroke – as above, also use rebound, flip flop
Back to you – answer back
Bagging – Police catching speeders
Barefoot – running without a kicker
Base station – static CB station, fixed location
Basement – channel ONE
Barley Pop – Beer
Bear – a minion of the law, also use smokey, kojac
Bear cave – Police station, also use Bears den
Bear in the air – Police patrolling in helicopter, or aeroplane
Bear in the bushes – Police hiding
Bear's lair – Police station
Bear report – report on Police locations
Bear trap – radar
"Beat-the-bushes" – lead vehicle looking for smokey to relay his "twenty"
Beaver – small, furry, large toothed animal that lives in the water also female
Better half – wife or husband
Between the sheets – sleeping
Big brother – Police
Big switch – CB rig's on/off switch

Big ten four – yes, for sure also use Roger D, Roger Roger, Roger Dodger, Roger Squadge
Blinkin-Winkin – school bus
Blood box – ambulance also use Meat wagon, blood bank, bone box
Blow'n smoke – coming in loud and clear
Blow the doors off – passing
Boots – linear amplifier also use shoes, kickers, socks
Bottle popper – beverage truck
Bounce around – next trip around
Bra buster – bosomy woman
Break – call a station
Breaker, break – what you say to get on a channel also use breaking break
Breaker – CB'er wanting to come in on a channel
Breaking up – signal cutting on and off, breaking up all over the place
Breaking the needle – powerful transmission
Bring it on – go ahead, it's clear to speak



Brown bottles – beer
Brush your teeth and comb your hair – radar trap ahead, slow down
Bubble gum machine – vehicle with flashing lights
Bubble trouble – tyre problems
Bucket mouth – CB'er who won't shut up
Bull jockey – someone giving a load of bull on channel
Bulldog – Mack truck
Burner – RF power amplifier
Bust – getting caught
Buzby – GPO official or investigator
Camera – hand held radar unit, also use kodak
CB – Citizens band radio

Terms

CB land – the land of CB communication, and folks using CB meet
"Catch you on the flip flop" – talk to you on the return trip
Channel hog – someone who won't let anyone else transmit
"Check the Seat Covers" – look at the females
Chicken box – CB transceiver
Choo-Choo train – semi hauling two trailers
Clean – no Police sighted in the immediate area
Come back – say it, or say it again, return call
Come on – invitation to reply, your turn to talk also use "C'mon" "Come on back"
Comic book – truckers logbook
Coming out the windows – perfect reception
Convoy – line of vehicles moving together in CB contact
Copy – do you understand?
Copy the mail – listening to other conversations on channel
Cotton-Picker – fellow CB'er, or substitute in place of swearing (no swearing is allowed on CB).
Crank the handle action – repeat your handle
Crumb snatchers – children
Definitely – emphatically also use defnatory
Diesel digit – channel 19
Dog biscuits – db, decibels
"Don't feed the bears" – don't get any speeding tickets
Double "L" – land line, telephone
"Down and gone" – stopped transmitting
Dusting your britches – walked on, transmitted at the same time
DX – long range transmitting
Ears – CB radio or antenna "ya got yer ears on?"
Earwig – listening in on transmissions
Eights and other good numbers – best wishes
Eights, Eighty-eights – love and kisses
Eye in the sky – helicopter
Eyeball – visual contact
Eyeball to Eyeball – get together
Evel kneivel – motorcycle Policeman
Fairy lights – traffic signals
Fender bender – slight vehicle damage
"Find a clean one" – move to channel with less conversation or static
Five by five – very strong signal
Flat side – sleeping
Flip – return trip also use flip-flop, flipper
Fluff stuff – snow
Fly in the sky – aircraft
Folding camera – Police vehicle equipped with vascar
Foot warmer – linear amplifier
For sure – that's right
Four – yes, o.k.
Front door – first vehicle in line of two or more
Funning – joking
Fuzz buster – electronic radar detector
Get horizontal – go to sleep, lying down
Gone, we gone – end of transmission, signing off
Go, go juice – fuel
Good buddy – fellow CB'er
Goodies – CB accessories

Good numbers to you – (73's & 88's) best regards
Got a copy? – do you hear me?
Got your ears on? – do you hear me?
Green light – all clear
Green stamps – money
Ground clouds – fog
Ham – amateur radio operator
Hammer – accelerator
Hammer back in the tool box – slow down
Handle – CB nickname
Happy numbers – S-meter reading, especially above five
"Have a good day today and a better day tomorrow" – salutations
Heater – linear amplifier used to gain extra range
"Holding onto your mud flaps" – driving right behind you
Hole in the wall – tunnel
Home twenty – location of your home "where are you from?"
Honey bear – female Policewoman
Hot pants – smoke or fire
How about it? – asking for a response, your turn to talk; say it
In a short, short – real soon
In the bushes – smokey hiding on the side of the road
It's clear – no smokies in sight
Jam jar – red and white Police patrol car also use Jam Butty
Jaw jacking – long-winded conversation
Keep the shiny side up and the dirty side down – have a safe journey
Keep your nose between the ditches and smokey out of your britches – drive safely and look out for speed traps
Keep the lipstick off the dipstick – pay attention to driving
Keyboard – CB rig controls
Knocking on your 'back door – vehicle overtaking
Kicker – linear amplifier
Land line – telephone
Lay an eye on – see
Let off – reduce speed
Local yokel – local police
Look over your shoulder – traffic in opposite direction
Mail – overheard conversations
Making the trip – getting the signal out
Mayday – international emergency distress call (10-34)
Meanies – anti-CB Authorities
Motion lotion – fuel
Mobile parking lot – automobile carrier
Modulating – talking
Monitor – listening to transmissions
Negatory – no also use negative
On the peg – legal speed limit
On the side – standing by on the channel
On channel – on the air
Over the shoulder – behind you
Over – through transmitting, your turn to talk
Pavement princess – roadside prostitute
Pedal to the metal – accelerate also use Hammer

Terms

Plain wrapper — unmarked police car
Porcupine — vehicle with lots of antennas
Pounds — S-units, 9s-units on the meter is 9 pounds
Pregnant Roller skate — Volkswagen
Pressure cooker — sports car
Pull the big switch — turn off the CB
Put my teeth up for the night, go 10-7 — sign off
Put your shoes on — turn power up/on
QSL card — postcard with call letters or handle confirming communication contact
Quick trip around the horn — scanning all CB channels
Radio check — checking the quality of transmission
Ratchet-jaw — non-stop talker
Rig — CB radio
Ringing your bell — someone's calling you
Roller skate — small car
"S" unit — "s" meter reading of wattage
Salt-shaker — salt spreading truck
Seat cover — female passenger
Seventy threes and eighty eights — love and kisses, best regards
Sideband — CB operating above channel forty and below channel one
Shaking the windows — loud and clear signal
Shotgun — seat next to driver
Skip — stations heard from a great distance
Skip talker — CB'er who talks long distances
S-meter — signal strength indicator
Smokey — Police also use smokey bear
Smokey report — location of Police in the immediate area
Smokey on rubber — police moving
Spies in the sky and hounds on the ground — Police aircraft and pursuit cars
Squawk box — CB transceiver
Stepped on — someone overpowered you with a stronger transmission also use stepped all over you, stomped on
Streakin' — exceeding legal speed limit
SWR — standing wave ratio
Superskate — sports car
Sweetthing — lady breaker on channel
Take it down — move to lower channel
Take it up — move to higher channel
Ten pounder — excellent signal
Threes — best regards
Threes and eights — lots of best wishes
Three 3's, Seventy three's — good luck, best wishes
Throwing nines — strong signal on S-meter
Tighten up on the Rubberband — accelerate
Toilet mouth — CB'er using foul language
Tree top tall — good signal
TVI — television interference
Twins — dual antennas
Two wheeler — motorcycle
Up on the roof — channel forty, also use Penthouse suite
Walked on — same as stepped on also use walked all over, walking all over you
Walking tall — good signal
Walking the dog — long distance conversation
We gone — stop sending transmission, just listening

Wall to wall and tree tops tall — clear, strong signal, very good reception
Works twenty — work location
Wrapper — colour of car
X-ray machine — radar
XYL — Ex young lady, usually a wife
Yardstick — mileage marker
You got it — go ahead
Yeah four — big ten four, affirmative
YL — young lady
ZOO — police headquarters
Z's — sleep



10 CODE

This code is strongly recommended for all CB communications, were a coded transmission is desired.

10-1	Poor signal
10-2	Receiving well
10-3	Stop transmitting
10-4	OK Message received
10-5	Relay message
10-6	Busy, stand by
10-7	Out of service
10-8	In service subject to call
10-9	Repeat message
10-10	Transmission completed
10-11	Talking too fast
10-12	Visitors present
10-13	Weather road conditions
10-14	Prowler
10-15	Convoy
10-16	Make pick up at
10-17	Urgent business
10-18	Anything for us
10-19	Nothing for you, Return to base
10-20	Location or position
10-21	Call by telephone
10-22	Report to
10-23	Stand by
10-24	Completed last Assignment
10-25	Can you contact
10-26	Disregard last information
10-27	I am moving to channel

Terms... ..

10-28 Identify your station
10-29 Time is up for contact
10-30
10-31 Crime in progress
10-32 Radio check
10-33 Emergency
10-34 Trouble at this station
10-35 Confidential information
10-36 Correct time
10-37 Wrecker needed at
10-38 Ambulance needed at
10-39 Your message delivered
10-40 Stop at nearest pull in
10-41 Please tune to channel
10-42 Traffic accident at
10-43 Traffic tie up at
10-44 I have message for

10-45 All units within range please report
10-46 Assist motorist
10-47 Stop for gas
10-48
10-49
10-50 Break channel
10-51 Accident wrecker needed at
10-52 Accident ambulance needed at
10-53 Accident road blocked
10-54
10-55
10-56
10-57
10-58

10-59
10-60 What is next message number
10-61
10-62 Unable to copy use Land line
10-63 Write this down
10-64 Not clear
10-65 Awaiting your next message/
assignment
10-66 Cancel message
10-67 All units comply
10-68 Repeat message
10-69 Do it the french way/Lets do it
10-70 Fire at
10-71 Proceed with transmission in sequence
10-73 Speed trap at
10-74 Negative
10-75 You are causing interference
10-77 Negative contact
10-81 Reserve hotel for
10-82 Reserve room for
10-84 My telephone number is
10-85 My address is
10-88 Advise phone number of
10-89 Radio repairman needed at
10-90 Talk closer to mike

10-91
10-92 Your transmitter is out of adjustment
10-93 Check my frequency
10-94 Please give a voice test
10-55 Transmit Dead carrier for 5 seconds
10-97 Check Test signal
10-99 Mission completed all units secure
10-100 In the John
10-200 Police needed at

13-CODES

Put-downs, or just plain insults.

13-1 All units can copy you and think you're an idiot
13-2 Yes, I copy you, but I'm ignoring you
13-3 You're beautiful when you're angry
13-5 Same to you
13-7 If you can't copy me it must be your fault because I'm running 3000 watts
13-20 Is your mike clinking or are your uppers loose again?
13-22 Lady, is that your voice or did you install a steam whistle?
13-24 You make more sense when you're smashed
13-25 Some of the local operators and I have chipped in to purchase your rig from you. Have you considered stamp collecting?
13-26 Next time you eat garlic speak farther from the mike
13-41 Either my receiver is out of alignment, or you're on channel 28
13-42 Either my speaker cone is ripped or you better try it again when you're sober
13-43 That was a beautiful 10, try it with your mike connected
13-44 I love the way your new rig sounds, now I know why the manufacturers discontinued that model
13-45 Your transmitter must have a short-circuit because there's smoke coming from my loud-speaker
13-47 What a fantastic signal — give me a few minutes to bring the mobile unit to your driveway so I can copy your message



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