

MARCH 1982

70p

CB

Citizens' Band

Britain's Leading CB Monthly

CB Use and Abuse
Wallies investigated

Convert Your Car Aerial into a CB Antenna
Full report inside

Three Big New Rig Reviews
Inside this issue

CB Club Directory
The most comprehensive ever published

CB Rig Checklist

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CB Citizens' Band

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Rick Maybury
Senior Art Editor:
Andrew Sawyer
Advertisement Manager:
Roy Perryment

Cover this Month

Like the new cover design? We hope so, because it should make Citizens' Band easier to spot on the shelves. So much for the design. The rigs this month come courtesy of messrs Halfords with the splendid Barracuda, Fidelity with the 2000FM and the Transcom, a dark horse but a great performer.

No Edna this month, she may be back (or front) soon. In the meantime, no more rude bits — just pretty rigs... and that's just as well after the letters we've been getting about our covers lately!

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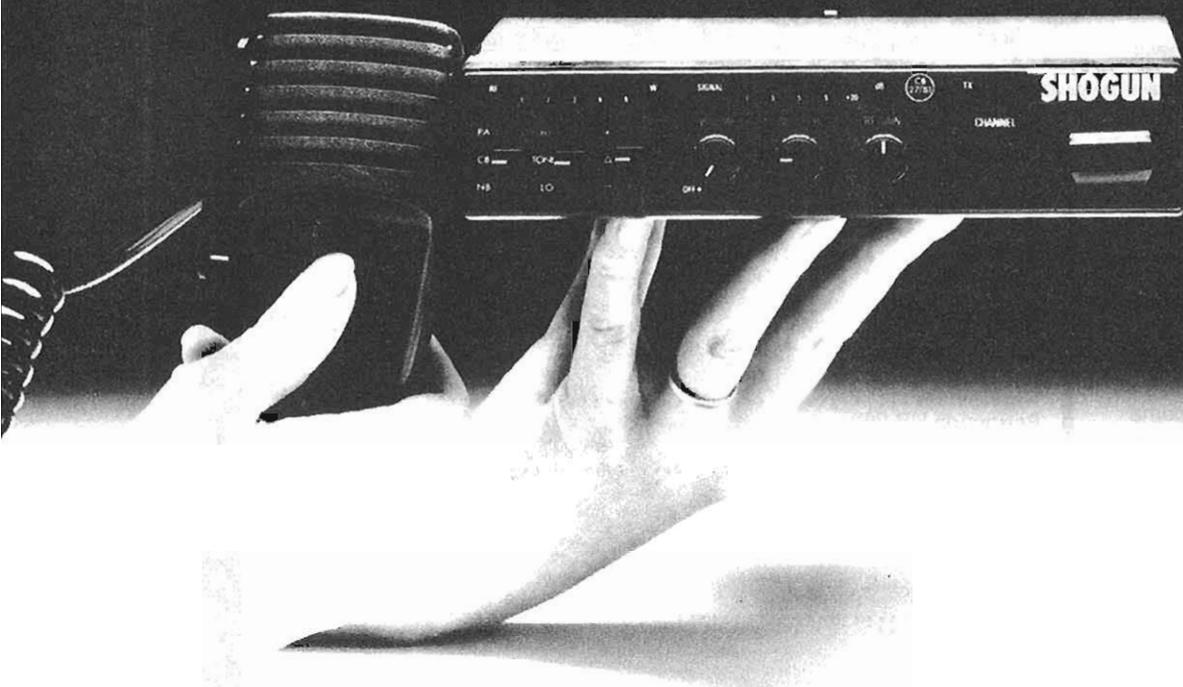
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Shogun



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Shogun CB Radio mobile rig – made and
designed in Japan – weighing just
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A slim highly advanced triumph of technology
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Please allow 28 days for delivery.

CB4

Three into one *will* go! and we have done it!

The Emu Trinity, the ultimate transceiver!

AT LAST, A BRITISH DESIGNED AND MANUFACTURED C.B. TRANSCIVER THAT IS NOT A TOY — IT IS A TOOL produced with robust durability and outstanding performance in mind. We even use an 8-pole crystal filter for the ultimate in selectivity. The result is a legal alternative to communication transceivers as used by Radio Amateurs and Professional Operators, and with *no compromise*. Instead of offering many modes, covering several bands and coping, fairly well — the TRINITY is dedicated to C.B. and handles its responsibilities magnificently!

We have called it the TRINITY because it is three rigs in one. AS A HAND-HELD it is compact and easy to use with built-in microphone, loudspeaker and push-to-talk switch. The integral telescopic antenna is fed with a full 2 watts and is automatically coupled to the transceiver circuitry when removed from its slide mount. The internal battery pack may be either disposable Manganese Alkaline (Duracells) or rechargeable Nickel Cadmium in which case the recharging is achieved automatically when replaced in the slide mount.

AS A MOBILE, the use of automatic circuitry has eliminated many controls leaving just Volume and Squelch. We have dispensed with RF Gain, IF Gain, Display Dimmer, Tone, Delta Tune, Mic Gain, Local/Dx Switch etc. Security is ensured because each TRINITY is supplied with an integral slide mount included neatly in the case design. Even the microphone has been designed with the driver in mind, for channel selectors are mounted symmetrically (for use in either hand) to facilitate effortless channel searching and changing. A High SWR warning instantly notifies the operator of a problem with antenna or its associated wiring, whilst the ambient light level is constantly monitored and the display brightness is adjusted automatically, thus ensuring good daytime visibility, and non-glare night time viewing.

AS A HOME-BASE transceiver it provides as many desirable features as any other HUGE home-base, without the more usual LARGE cabinet full of fresh air, but it also constantly monitors Channel 9, whilst using any other — an external transmit switch socket enables VOX operation, footswitch etc.

Also provided are three preselected Channel buttons — one for Channel 9 the other for any others, but every TRINITY leaves the factory set to 14 & 19. A few moments are required to effect a change!



MOBILE

OTHER FEATURES seldom found on C.B. transceivers are:-

- *GLASS-FIBRE PRINTED CIRCUIT BOARDS for extreme strength/stability*
- *ORANGE DISPLAY for best possible visibility in bright lighting*
- *NOISE MUTING to eliminate the 'no signal noise' of an F.M. receiver*
- *EITHER HAND MICROPHONE perfectly symmetrical for ultimate ease of use in either hand*
- *ULTRA HIGH DYNAMIC RANGE. Owing to careful design, the receiver will never be 'blotted out' by a transmitter on another channel nearby*
- *ALL METAL CASE for use in rugged environments. We only use plastic for insulation, not cheapness!*
- *RIGHT HAND MICROPHONE SOCKET, proves that the TRINITY was designed in Britain for British users*
- *PHASE LOCKED DETECTOR to obviate interference from sidebanders, foreign or otherwise!*
- *REAR PANEL (OF SLIDE MOUNT) contains antenna socket, RF power switch, external power socket, speaker socket & transmit socket*

HAND-HELD

HOMEBASE

CARRYING CASE & 'BASE CASE' WITH MAINS SUPPLY also available as optional extras

AUDIBLE 'LOW BATTERY' INDICATOR to prevent battery damage

FULL 4 WATT OUTPUT when used in Mobile or Base mode. Automatically switches to 2 watts for hand-held

SPECIAL OFFER

To the first 500 TRINITY owners who return their serial number Registration Cards:- a £10 voucher will be issued for use in whole or part to purchase any EMU product, or alternatively donated to either R.E.A.C.T. (UK) or any Registered R.E.A.C.T. Team. Orders will be dispatched in strict rotation.

£179 inc VAT

If you feel that £179 is a high price to pay, why not add up the prices of,

- i) the best 40 channel mobile,
- ii) the best 40 channel home-base, and most important
- iii) the best 40 channel hand-held.

Remember the TRINITY out-performs them all.



NEW

MEET THE BLACK BOX RANGE OF C.B. MODULES

SELECTIVE CALL UNIT, the ultimate accessory to obviate the need for constantly monitoring regular channels. Directly programmable personality codes enable nearly 1000 persons to be called individually without disturbing any other users on channel. Ideal for the small business or fleet operator.

Two versions are available, either simpler pre-set model SEL 1 which can be fitted with a new personality coding module supplied by EMU, pre-coded to your specific requirements, or the more sophisticated model SEL 2 (shown) which has full coding selection facilities available on the front panel. A message led will warn you if an attempt has been made to contact you in your absence. Simply dial up the code of the person you require and press CALL!

Price: Model SEL 1 £50-95 inc. VAT Model SEL 2 £62-75 inc. VAT



NEW

VOCHRON, the talking clock/10-36 module — will either tell you the time or at the touch of a button transmit and say "10-36" followed by the correct time! Latest microprocessor techniques enable us to produce a realistic speech synthesizer, coupled to a stable clock with Quartz accuracy.

Price: £79-95 inc VAT

REFLECTOMETER, a constant watch-dog to reduce the risk of costly repairs due to mismatch, unnoticed vandalism or even driving at high speed. Can be set to warn operator whenever a high SWR is present. No minute meter needles to watch when trying to negotiate a bend! Also available with an optional audible warning device — ideal for unskilled users.

Price: without AWA, £9-95, with AWA £12-95 inc. VAT

POWER REDUCER MK II, a module with ever increasing popularity, especially amongst those C.B.ers who are generating TVI, or are concerned with the risks of detection when using AM. Affords a perfect match to any antenna, and provides a dummy load facility, at no time affecting the strength of the received signal.

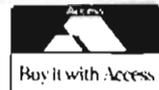
£12-50 inc. VAT



NEW

ECHO UNIT, another innovative module designed with C.B. in mind! This fully electronic device simply plugs into the microphone socket, and adds a third dimension to every transmission, and is continuously variable in depth. Led indicates depth of reverberation to user. This technique will produce a controlled 'sparkle' to the voice and increase readability in noisy environments. The British Army have been doing just this in their Armoured Vehicles for years. Malfory PP3 batteries last almost indefinitely, owing to power being applied automatically during transmit only. Two versions available, with either DIN or 4 pin connections, programmable for any rig commonly available, by the user in moments.

£36-80 inc. VAT



Please send details of the TRINITY and BLACK BOX range of C.B. Modules (CAPS PLEASE)

NAME

ADDRESS

For full details of these products and our range of TVI & Low Pass Filters please send the completed form to: EMU SYSTEMS Limited, Marketing Division, 9a Crown Street, St. Ives, Huntingdon, Cambs. or Telephone (24 hrs) 0480 61177 for details now. Alternatively contact your Local Dealer.



UPDATE

NEWS FROM THE WORLD OF CB
NEWS FROM THE WORLD

CB UK, Success Or Flop?

Here are some facts and figures for you to consider regarding the first two months of legal CB in this country, until December 31st 1981.

From the various manufacturers and importers we've spoken to, we estimate that there were about 300,000 legal FM rigs in the UK before Christmas. We reckon that about 200,000 rigs were sold before that date, the remainder being in warehouses or unsold on dealers' shelves.

The Home Office figures for CB licences issued before Christmas show that just under 100,000 people took the trouble to go 100% legal; we put the revenue from CB licences to just under £1,000,000. Further income from VAT, import duty, etc based on a figure of 200,000 rigs with an average retail price of £70, comes to around another £2.5 to three million pounds. Taken with licence income, we make that £3.5 to four million pounds in just under two months, not bad eh?

Further figures for projected market growth vary widely from one to three million CB rigs in the country before the end of 1982. We would put the figure somewhere between the two, around 1.5 to two million units if everyone has done their sums correctly. If about half the people who purchase rigs obtain a licence, we reckon that about half to three quarters of a million licences will be issued this year with a net value of five to eight million pounds to the Government. The net value of VAT, etc, etc could amount to a further £10 million, perhaps more — again a nice tidy sum for HMG.

Projections for the future are always difficult but taking current market trends into account plus manufacturers', importers', wholesalers' and retailers' estimates, we estimate a growth of half a million units per year after 1982, that figure remaining fairly constant for at least the next three years.

It is clear that some of the larger retail names will pull out of the CB market before the end of this year. We also anticipate that the specialist

CB shops will see a considerable growth by the middle of this year as CBers begin to delve into the accessory market. The range offered by most high street retailers is generally limited to just a couple of antennas, an SWR meter or two and the odd patch cable. Many new breakers have already expressed dissatisfaction with the after — sales back-up offered by the multiple outlets, indeed it is often impossible to get any kind of helpful advice at all from these shops.

Taking all the various predictions into account, we expect UK CB to be around for some time to come. It never developed into a fully fledged cult — many observers foresaw another *Rubik's Cube* — but that will not now happen. Instead CB will go the way of most other countries — a steady growth and a steady level of activity on the channels with a gradual shift of emphasis into the areas of two-way communication once dominated by business communications, VHF marine radio and public mobile radio. CB is definitely here to stay!



More Power

Yet another new mains supply for CB rigs. This time we have a two amp device, manufactured by the **Zenith Electric Company**. DC output voltage is stabilised at 13.8 volts and the manufacturers claim that the unit meets all the British safety regulations.

The unit is designed and manufactured in this country and costs just £16.50 including VAT. At the moment it is only available mail order from Zenith.

The address for all enquiries is: **Zenith Electric Co. Ltd, Wavendon, Milton Keynes MK17 8AT** or give them a buzz on 0908 582531.

Convoy On The Road

Harris Overseas Ltd, purveyors of the Harvard range of CB rigs have extended their already comprehensive range. The 10-4 Convoy, apart from having an awful name, boasts two pre-selectable channels (14 and 30), volume, squelch, call tone and battery indicator lamp. An abbreviated version of the 10 code is printed on to the front panel and the whole caboodle costs under £30. We haven't got any figures on RF output but we suspect that it would be under half a watt which should give a range of half to one mile in the open.

For more details on the Convoy, contact your nearest Harvard stockist or write directly to Harris Overseas who are awaiting your call at: *Harvard House, 14 Thames Road, Barking, Essex.*

Crowbar Protection

A rather boring little black box came into the CB office the other day. It had the equally uninspiring name of a *Crowbar module*, designed to offer overvoltage protection to any equipment fitted with the device. The term 'crowbar' refers to the rather drastic operational characteristics of the module. If the unit senses that the supply voltage has risen above the predetermined safe level, a thyristor (silicon controlled switch) goes temporarily short circuit thus reducing the supply voltage to zero and blowing any fuses that happen to be in the supply circuit. The term 'crowbar' refers to the similarity of the circuit to inserting a large metal crowbar into an electrical circuit — it will blow the fuse!

This device may appear to some as a high technology fuse exterminator — in fact this couldn't be further from the truth. We can confirm from bitter experience that it is all too easy to blow a rig by feeding it more volts than is good for it. Our variable power supply goes up to 30 volts and we've connected it up to rigs in the past without checking the voltage setting first — result, lots of smoke!

The sample we've been looking at in the office trips off at 15 volts, low enough to ensure that no damage will be done to the unit.

The crowbar module is available from Fremark Electronics for £4.75 (inc VAT and P & P) and the address to write to is: *Unit 1, Strattons Walk, Melksham, Wiltshire SN12 6LA.*



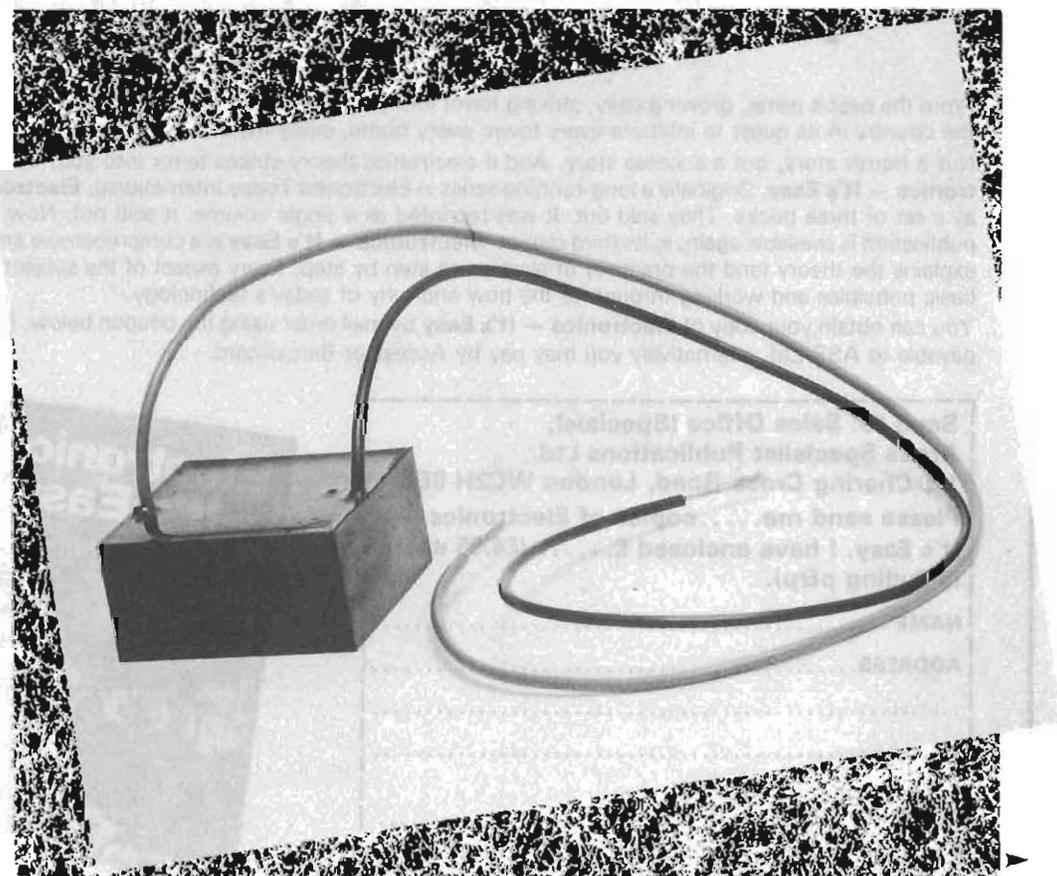
Budget FM Conversion

A new conversion kit developed by Microchip Electronics looks most interesting. Basically it will convert illegal AM CB rigs to FM operation and remain within the Government specifications.

The kit comprises an FM modulator and demodulator using a quadrature detection system plus a speech processor. The kit also contains a phase locked loop (PLL) circuit which incorporates an individually programmed decoder to ensure that the converted rig operates on all 40 FM channels.

At present the kit will only be fitted by qualified fitting agents but Microchip would like to hear from anyone in the trade who would like to be appointed local agent. The conversion itself is quiet cheap, under £15 for the hardware, though of course you have to add labour charges, etc to this figure. We suspect that a typical conversion would cost under £35.

For more information on this conversion, contact Microchip Electronics at: *Microchip House, 22-24 Shore Road, Warsash, Hampshire, tel. Locksheath 82488.*



CHELSEA CB CENTRE

INTERCEPTOR



Chelsea CB Centre are proud to announce the arrival of the Interceptor TC 300 Mobile CB Transceiver, the first model of the all new British designed CB equipment. Even the basic model has better specifications and performs better than more expensive makes. Standard features include cross wire protection: If you connect the power leads in reverse by mistake, no damage will occur to your transceiver. Without this protection your set would be reduced to a smoking box and your guarantee void. An expensive mistake. SWR protection is essential because CB antennas have to be tuned into the transceiver. If a bad mismatch occurs this overloads the output transistor causing irreparable damage. With the Interceptor the power lights will flash to warn you something is wrong, and even if you do not see the lights, unwanted power is absorbed into the SWR protection circuit safeguarding your transceiver and your warranty. Also RF gain control — turn it up to pull in weak stations or turn it down to make close stations more readable.

AREA DISTRIBUTORS

DC Radio Services City Service Station, Milton Road, Cambridge. 0223-315-378	Llanelli CB Centre 21 Station Road, Llanelli, Dyfed, S. Wales. 05542-71662
Hammersmith CB Centre 218 King St., Hammersmith, London W6. 01-748-6982	CB Supplies 113A Market St., Atherton, Lincs. 0942-873827
Razzmattaz 38/40 Kings Road, Reading, Berks. 0794-688874	CB Discount Centre 209, North St., Leeds. 0532-451508
Radio 88 88 Longbridge Road, Barking, Essex. 694-9979	Chelsea CB Centre (Scotland) The Glebe, Killin, Perth. 05872-238

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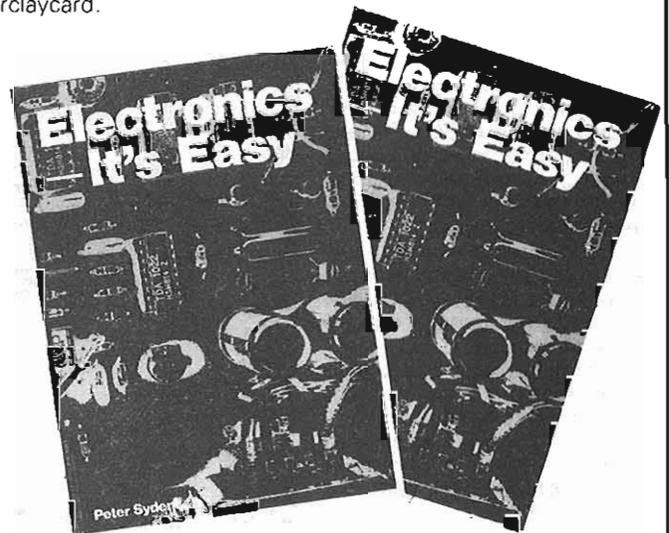
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Stingray Launched

Remember C-Brit, they're the people who developed the *Ferroline 27*, one of the best antennas we've seen but unfortunately non-compatible with the UK antenna specs. Not to be outdone — C-Brit developed a legal magmount base-loaded mobile antenna called the *Whiplash*, and now, a new product called the **Stingray**, a purpose built, fully legal home base antenna.

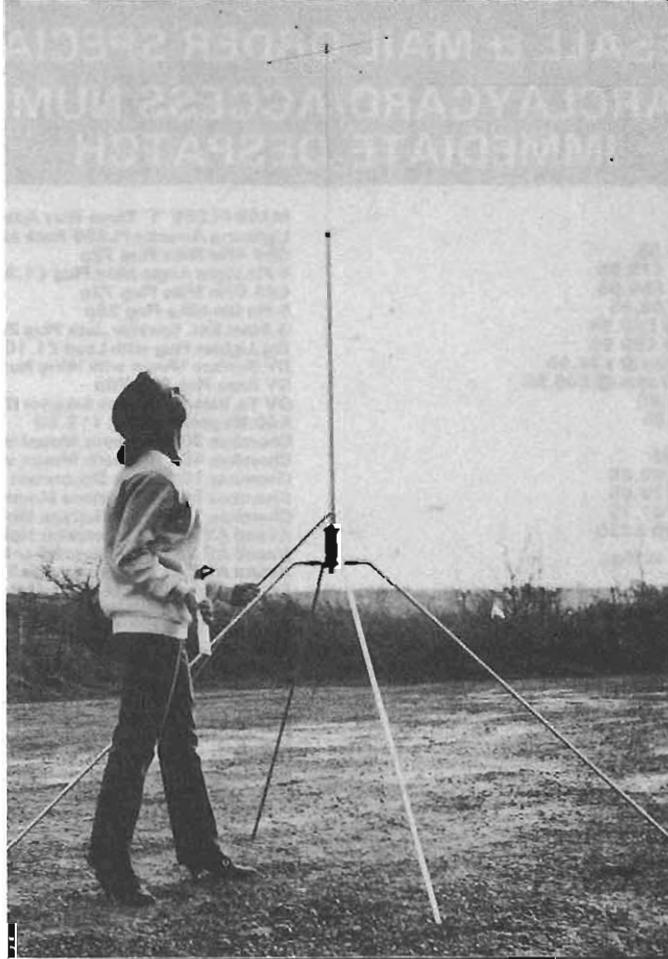
We're hoping to put a sample of the *Stingray* through our gruelling Antenna Review test when we can clear the snow from the office roof and we'll be reporting on the outcome in due course. In the meantime, here are a few details on the *Stingray*.

The device is basically a 1.5 metres omni-directional base-loaded antenna that will tune from 27.6 to 28 MHz, AM or FM. The *Stingray* can handle up to 500 watts with SWR or 1.5:1 at band centre. The ground-plane radials are constructed from four aluminium tubes, plated to resist corrosion. The antenna comes complete with fittings but not cable and plug and the asking price is a rather pricey £45. We'll let you know whether or not it's worth it in the coming months. In the meantime if you feel tempted, the *Stingray* should just about be in your local CB shop by now or in case of difficulty contact C-Brit direct at: *Unit 3.5, Wembley Commercial Centre, East Lane, Wembley, Middlesex.*

Elftone Get Their Ears On

Elftone, well — known purveyors of CB monitors, have gone two-way. The **Elftone ELCB 6000** should be familiar to regular readers as the ubiquitous *Great GT868* chassis found inside Johnson, Barracuda and other well-known makes of CB rigs. The rig is fairly straightforward, it has all the necessary basic controls including RF gain, plus a couple of unnecessary ones like an LED display dimmer. Performance-wise the rig is average to good, though the recommended retail price of around £55 makes it an attractive proposition for newcomers to CB.

Elftone House, 4 Beresford Avenue, Wembley, Middlesex.



Hold-Me-Tite

Hermetite, those well-known manufacturers of the red sticky stuff you daub on your car engine, have come up with a clear silicone sealer to smear over your antenna adjusting rings. That's right, the **Hermetite Clear Sealer** can be used to make your CB antenna tamper-proof. Once you've adjusted the SWR, simply coat the rings with the sealer and forget it. Should you need to re-adjust your twig, the sealer can be easily removed.

Hermetite also reckon that the clear sealer can be used for making instant grommets (*sounds like something you catch from sitting on warm radiators — Ed*) and holding coax cables in place as they go through metal bulkheads. Not only that but it can be used to seal windcreens and act as a useful general adhesive. We wouldn't be at all surprised to learn that it can be used to cure toothache and even mend broken legs!

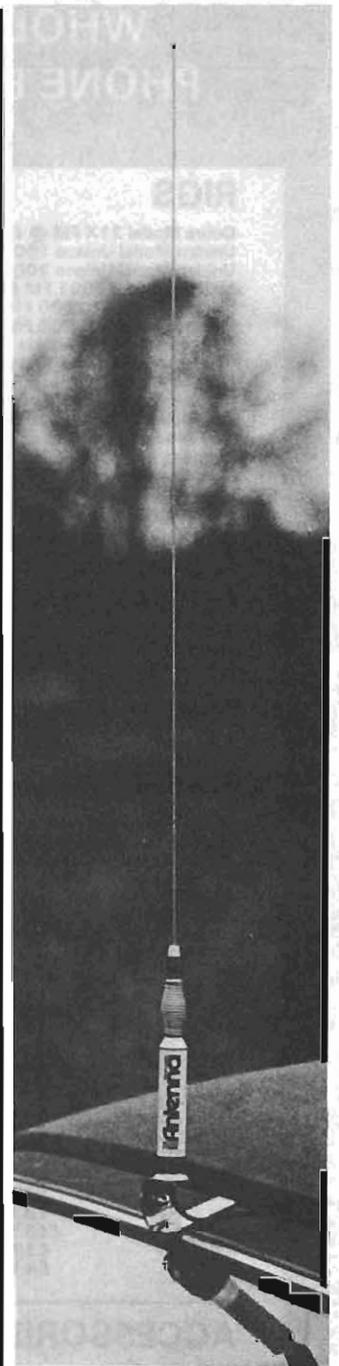
Clear sealer is available from all leading motor accessory shops for around £1.84. Clearly a better sealer.

International Music Show

Wembley Conference Centre is going to be a busy place over the next couple of months. Apart from the CB show, organised by our erstwhile competitors at CB Radio mag (April 9, 10 and 11-beer dept cancelled for that mention lads), the International Music Show, Britains first Complete industry trade show, is set to be held on the 13th of March. Everyone who's anyone in the music business will be there including of course a fair sprinkling of C & W and CB music stands no doubt. If you've got any interest at all in music, Wembley Conference Centre is the place to be.

Persuasion From Mocom

Announcing the new **Super Persuader** mag-mount and **12510 Telecom** antennas. The **Super Persuader** will be the subject of a full Antenna Review in the coming months, so more of that later. Moving right on to the **12510**, it consists of a hand-wound loading coil atop a 3/8"



snap mount. The whip is mounted on top of a shock spring made from stainless steel. A variety of mounting brackets are available, to fit anything from hatchbacks (see pic) to caravans. The whole assembly comes complete with 17 feet of RG58/U cable and a PL259 connector. The **12510** should be in your local CB store right now for around £20 — fitting brackets start from just over £3.00. The **Persuader 1250** has also been selected by Ford to compliment their range of CB equipment, can't be too bad if they like it!

B. BAMBER ELECTRONICS

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Fidelity Model CB2000 FM £89.95
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BA 521	£4.18	2SC496	£1.31
LA 4031P	£3.21	2SC710	£1.80
LC 7120	£5.87	2SC1096	£1.72
LC 7130	£5.93	2SC1173Y	£1.69
MB 3712	£4.71	2SC1308	£2.73
MC 1496P	£2.83	2SC1307	£3.00
TA 7130	£1.93	2SC1449	£1.87
TA 7205	£3.72	2SC1675	£0.76
TA 7222	£4.07	2SC1878	£2.87
TA 7310	£2.78	2SC1923	£0.43
TC 8100	£7.91	2SC1946	£2.97
UPC575C2	£3.86	2SC1969	£2.93
UPC1166H	£4.26	2SC2029	£2.60
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AN 7150	£3.97	2SK45	£1.85
PLL02A	£4.97	2SK19	1.85

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PL259/9 Ant. Plug for RG8 Cable 46p
PL258 Double Female PL259 Back to Back 46p
M583 Double Male PL259 Back to Back 76p
SQ239 Chassis Mount Socket 4 Hole 46p

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DV Surface Mount with Wing Nut & Bolt £2.50
DV Base Plug P27 70p
DV To Valor/Cherokee Adaptor (Banjo) 90p
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Avanti AV 241 M 4' Moonraker Mag Mount £23.45
Avanti AV 241 T 4' Moonraker Trunk Mount £19.95
K40 Antenna (Hole or Trunk Mount) £31.45
Cherokee 520 Half Breed 1.5 kW Base Loaded £13.95
Cherokee 530 24" Dial-A-Match 25W Base Loaded £13.95
Cherokee 540 48" Dial-A-Match 100W Base Loaded £14.85
Cherokee 555 24" Dial-A-Match With Mag Mount £21.85
Cherokee 558 48" Dial-A-Match With Mag Mount £22.55
Cherokee 560 Warrior 1.5 kW Centre Loaded £15.25
Cherokee 531 HBF 530 + Trunk Mount & Lead £28.40
Cherokee 531 SMF 530 + 142 W AD & Lead £25.40
Cherokee 541 HBF 540 + Trunk Mount & Lead £27.20
Cherokee 541 SMF 540 + 142 W AD & Lead £25.75
HMP GPA 27 1/2 18" Base Antenna £19.95
Hy-Gain 533 3 Element Beam £52.50
KLB 110 50 watt Linear + Meter & Pre-Amp £72.85
RP 20 Variable 20 db Gain Pre-Amp £15.95
Deluxe CB Slide Mount £4.95
CB3 A 3 Way Antenna Switch Box £5.50
Patch Leads £1.50
Fuses 2,3,4,5 amp. 20mm or 1 1/4" £1.40 per pack of 10
Nickel Cadmium Batteries 'AA' size £1.15
TR 175 7volt Battery for Power Mikes £2.53
Rodger Bleep to fit any Rigs £5.95
60 amp. Alternator & Generator Noise Filter £2.30
3 amp. Hot Line Filter (Fits on back of rig) £2.95
High Pass TVI Filter (Fits on back of TV set) £3.50
FS2 Simple Single Meter £7.95
Rama 008 SWR/PWR/Matcher & F.S. £15.95
SWR25 SWR/PWR Twin Meter £12.95
Hansen FS5E £29.95
Hansen SWR 50B £22.95
Rama PC3 Power Reducer £16.95
Rama PC5 Power Reducer with Meter £21.95
Replacement Mike Fits Most Rigs £5.60
Hy-Gain H 1022 Telephone Handset £14.95
K40 Speech Processor Microphone £33.50
Turner Expander 500 Base Mike £59.95
Ham-Master 4200 Base Mike £32.95
Ham-Master 4500 Base Mike £44.45
CBS 140 Kraco Extension Speaker £4.60
K40 Extension Speaker £5.95
5 Watt Public Address Horn £4.85
12/15 Watt Public Address Horn £9.95
SMCL 150PL 150 watt Dummy Load £15.95
CB707 5 Watt Dummy Load 95p
DL30 30 Watt Dummy Load £8.45
Heavy Duty Gutter Mount £3.25
Hirschmann Ro 250 Rotator £49.50
SL100 Support Bearing for Hirschmann Rotator £15.00

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ICE PICK

Dave Edmunds **½**
The Best of Dave Edmunds
 Swan Song SSK 59413

What can I say? This man IS Rock n' Roll. Copy this... *Deborah/Girls Talk/I Knew the Bride (When She Used to Rock n' Roll)/A1 on the Jukebox/The Race is On/I Hear You Knocking/Almost Saturday Night/Here Comes the Weekend/Trouble Boys/Ju Ju Man/Singing the Blues*. Each song sounds tailor-made to Edmunds' voice and technique. Funnily enough the odd-man-out is his first hit (with Love Sculpture) *Sabra Dance*. That one, for me anyway, breaks the rhythm of an otherwise excellent album. This one is an irresistible driving LP.

Lone Star

Star Guide

- * Very poor
- ** Poor

- *** Average
- **** Above average
- ***** Excellent

Various ****
Life in the European Theatre
 WEA K58412

Yet another compilation album and a 'No-Nukes' one at that. The European Theatre is, of course, where Reagan and his fellow actors are to place their

Cruise missiles — and whether we like it or not, they will have *their* fingers on the red buttons. Disarmament means, as we all know, obtaining the biggest and most superior weapons known to man. Makes sense, dunnit?

Here endeth the lesson and starteth the review.

Thirteen tracks make up this politrock album. Offerings are: *London Calling/The Clash, Little Boy Soldiers/The Jam, I Am Your Flag/The Beat, Man at C & A/The Specials, Living Thru Another Cuba!XTC, I Don't Remember/Peter Gabriel, Reasons to be Cheerful Part 3/Ian Dury and the Blockheads, Grey Day/Madness, Psychedelic Eric/Bad Manners, Nuclear Device/The Stranglers, It's Going to Happen/The Undertones, All That Jazz/Echo & The Bunnymen and Dist/The Au Pairs*. And most of them are gratefully received.

Royalties from this album go into an anti-nuclear projects fund.

Support your local Theatre!

Lone Star

National Citizens' Band Show

Sadly, administrative problems have forced us to postpone the Second National Citizens' Band Show which was to have been held at the Royal Horticultural Hall late in March.

However, having organised the successful First National Citizens' Band Show towards the end of last year, we have decided to concentrate our efforts into the organisation of what we expect to be the biggest and best show possible — at a later date.

Watch this space for the latest news.

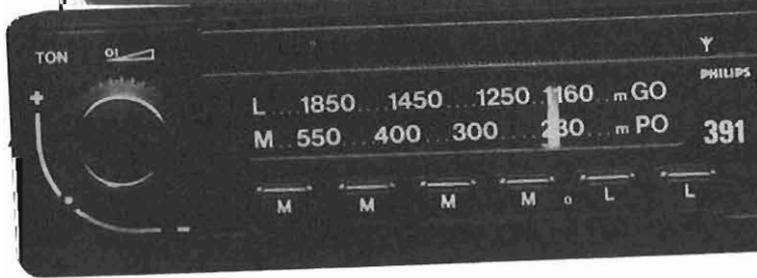
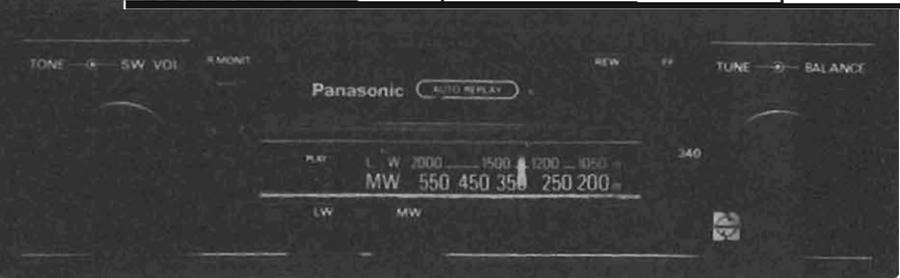


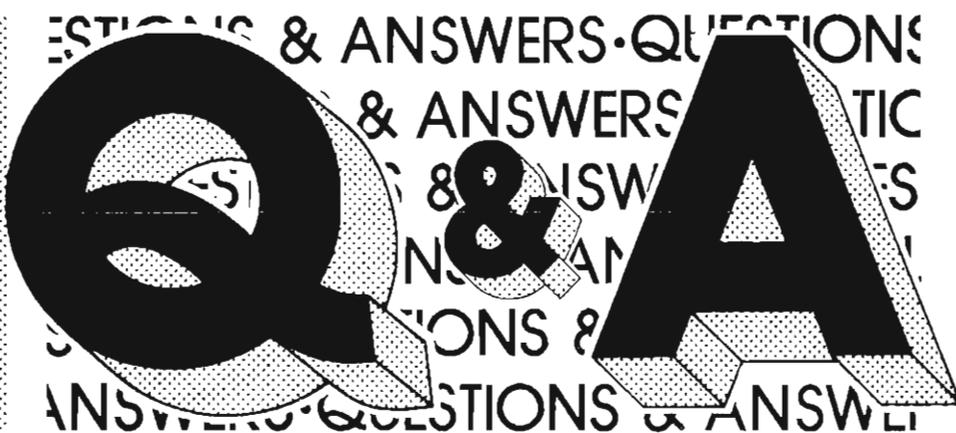
Here's a preview of what you can expect from our review team next month.

Fresh from some of the top names in the world of ICE

-Hitachi, Radiomobile, Tenvox, National Panasonic, Motorola and Philips-

we have equipment to make your mouth water and your eyes pop. We intend to cover car radios, cassette decks, boosters and various accessories to turn your wrapper into that mobile disco you've always wanted.





The theme this month is hand-held or portable CB rigs. After our highly popular feature in the January issue, we've been deluged with hundreds of enquiries — we try to answer just some of them.

Straight into our **Star Letter** this month, M Mager from Chester wins an exclusive sew-on-patch for this thought-provoking question.

Q I bet this one makes you stop and think! If I made a dipole out of two (legal) base loaded antennas would it be a legal antenna??



A Yes, it did make us stop and think and after much head scratching we came up with the following. A dipole is generally made up from two half-wave elements which at 27 MHz would be two poles approximately 5 metres long. As the maximum legal length for any radiating element is only 1.5 metres this is clearly impossible. However, we did go on to consider your suggestion for two tuned radiating elements (ie base loaded whips), back to back — one acting as the radiator and one acting as the groundplane — and we reckon this would work, but only as well as a purpose-built base station antenna; the radiating element will still only be 1.5 metres long. Nice try though. Any other suggestions for legally improving upon the specs?

An irate letter from Mr Neil Page highlights the popularity of CB Q & A. Bear with us please and we'll do our best to answer all your questions.

Q This is the THIRD time I've written to you, can I please have an answer to my question?

I have been using the Base Station PSU design published in the January '81 issue. The unit works very well but I now want to run a sideband unit so I need at least 6 amps and maybe a bit more to run my rig. What components do I have to change as I want to continue using this PSU?

A The CB PSU was designed to deliver 3 amps maximum and unfortunately, the components which need to be changed mean that you would have to almost rebuild it. It would be far cheaper for you to buy a new PSU.

P.S. Sorry about the delay.

We're not proud; when someone asks a question we do our best to answer it, even if it is about the competition. Robert Sutherland has this to say:

Q Could you please give me the address of Practical Wireless as advertised in your mag?

A It's gratifying to see that a rival wireless mag actually advertises with us, though to be fair, they're more into amateur radio. However, I digress, PW can be found at: Westover House, West Quay Road, Poole, Dorset, and don't forget to tell them we sent you.

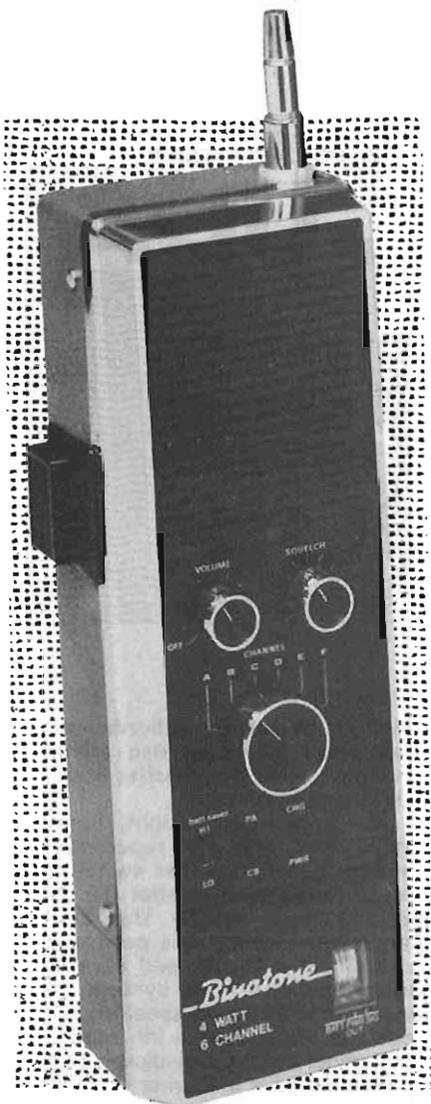
PS Bratheridge from Birmingham has a question about recording legal CB transmissions.

Q I have a cassette recorder which has a 'remote' socket and I was wondering if it would be possible for me to record some of my legal copies by connecting it up to the external speaker socket of my rig?

A Direct recording in this way is possible but, as with all things in this life, things 'aint so easy as they seem.

The first problem you're likely to encounter will be input signal versus output signal level. The external speaker jack on most CB rigs can deliver the full output as supplied to the rigs internal speaker and that can be up to 2 watts. The input levels required by most cassette recorders is in the order of several milliwatts (maybe even less), so there is a good chance you'll overload the input making (at best) a very distorted recording and, at worst, a damaged tape recorder. One possible solution is to experiment with output levels — try making a direct recording with the rig's volume control at absolute minimum. If there is no signal on the recording you can try increasing the volume very slightly until you find the right level.

The most practical alternative we can think of is to simply record from the rig's loudspeaker using the recorder's microphone — it'll certainly be a lot safer.



Q I have the Harrier WT2 portable. Would it be possible to mount it on my bicycle using the frame as the ground plane? — A R Parsons, Somerset.

A Not really, as the bicycle frame doesn't have enough mass for an ordinary antenna. However, you could try experimenting with the Avanti Astrofantom which is designed for use with glass-fibre cars. This needs only a very low mass groundplane, usually the metallic strip on the windscreen surround.

Q I have the 40 channel Harvard 410 hand-held rig. I would like to mount an extension speaker on to this unit and use it mobile in my car. Also, can the rig be powered from the cigar socket of my car? — N Tennant, London.

A The external antenna socket on the 410 is a simple jack socket. The inner conductor from the antenna coax goes to the tip of your jack plug and the outer braid goes to the jack plug body. Remember to fully retract the telescopic antenna on the 410 when using an external antenna as the SWR will be affected. The 410 will run quite happily from a cigar socket, though be prepared for a loud buzz on the audio as this and most other portables have little or nothing in the way of interference suppression.

Q How long do the batteries last in 4 watt walkie talkies? — A Durrant, Devon.



The Walkie Talkie Survey published in the January issue was immensely popular. Hundreds of you wrote in with queries, so we'll devote the final part of this month's Q & A to answering some of your questions.

Q Could you tell me where I can obtain the Binatone Basic walkie talkie? P M Fernbank, Somerset.

A This unit should be generally available from most Binatone stockists but, in case of difficulty, contact Binatone International Ltd, Binatone House, Beresford Avenue, Wembley, Middlesex.

Q Could you tell me which is the best walkie talkie on the market? G A Bartlett, Birmingham.

A Without knowing your particular needs and circumstances it would be indeed difficult to recommend a specific model. However, if you need the full 40 channels, then the Harvard 410T, the DNT 13/40 or even the Grandstand Communicator should fit the bill for under £90. If you're after range but are not so worried about the number of channels, then either of the Binatone units might be suitable. If money is no object and you're looking for a truly versatile rig that can be used portable, mobile or base then the over-priced Realistic TRC1001 is for you.



A It's difficult to say, but in general terms a portable CB running from alkaline batteries with more than a couple of watts output will draw up to half an amp in the transmit mode. As you will only be transmitting for a few seconds at a time the current drain is in the form of short sharp surges. If you were to transmit continuously, then the batteries wouldn't last for more than ten minutes or so. With the rig in receive mode picking up short copies every few seconds, the current drain is probably no more than 50 to 100 milliamps on average. Taking these two figures into account with perhaps an hour a day of operation the batteries would probably last for a week or so — longer with less frequent usage. The best compromise is to invest in a set of rechargeable batteries and a charger. An initial outlay of about £25, would be repaid after a few weeks of normal operation — a set of ten alkaline batteries can cost up to £4.00. You'll also benefit from the slightly greater capacity of NiCad batteries.

Time's up for another month. Keep 'em coming and don't forget that the Star Letter will be awarded the unique Citizens' Band Sew-On-Patch.

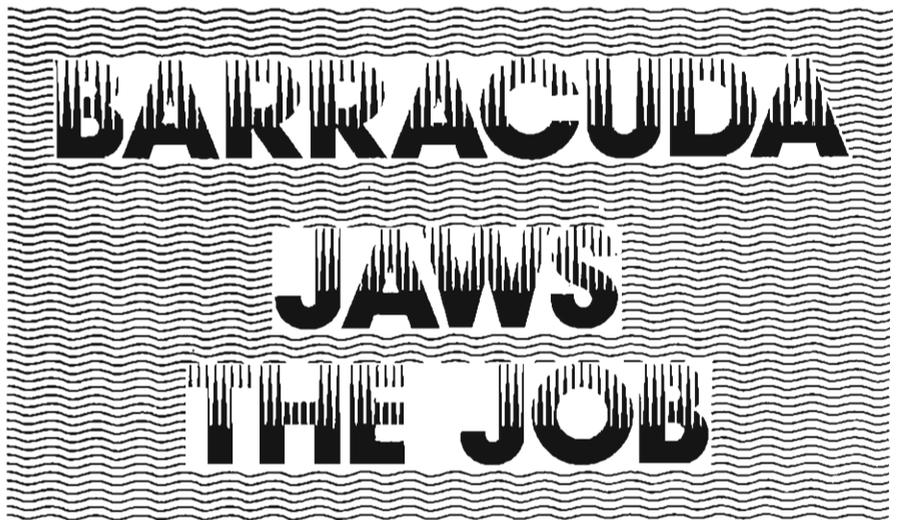
CB

Problems should be sent to: CB Q & A, Citizens' Band, 145 Charing Cross Road, London WC2H 0EE.

Rig Review



The Halfords Barracuda HB 940 is available for just under £90. Chris Peterson, our Technical Consultant, puts it through its paces and checks it against the Home Office specifications.



With CB rapidly acquiring an uncustomed air of respectability, rigs are starting to become available from some surprising quarters. One of the most dramatic entries into the field of mass suppliers is Halfords, the car accessory suppliers. The Halfords range will be quite wide, consisting of several models from the Binatone range, plus a couple of their own. The subject of this review is the Barracuda HB 940, one of Halfords own brand models.

Currently selling for £89.95, this rig is squarely aimed at the mid-to-upper end of the market. Measuring 8.5" deep, 7.1" wide and 2.5" high, this is quite a large rig. You will need to find a reasonable amount of space under your dash to get it in! The styling is... well, er, let's be kind and call it functional! The main case is traditional crackle finish black, while the front panel is plain black plastic with white lettering. Starting at the top left hand corner of the front panel, we find a conventional illuminated **Signal/RF meter**. It is quite a large meter, calibrated from 0 to +30 on the signal strength scale and from 0 to 5 watts on the RF scale. What a pity that all this information is almost unreadable at normal viewing distances, as the red pointer is almost totally invisible against the black meter

scale! To be fair to Halfords, many other well-known rigs use identical meter movements, and suffer from exactly the same problem.

Moving along to the right, there is a bank of switches slightly recessed into the front panel. The first switch is a three position **tone control** (Hi, Med and Lo), followed by the **CB/PA** changeover switch. This permits the audio amplifier to be used as a low-powered public address system when connected to a suitable speaker. In this mode the transmitter is inhibited and the channel indicator display is blanked. Next along is a **dimmer** switch (of which more anon), followed by a **Channel 9** priority switch. This switch forces the rig on to channel 9 (the emergency channel) regardless of the position of the channel selector switch. In this mode, the channel indicator display is also forced to read 9. The final switch is a **delta tune** control. Moving this switch away from its central position swings the receiver tuning slightly high or low in frequency to assist in receiving off-frequency transmitters. It can also be useful in minimising interference from illegal AM/SSB equipment!

Finally on the top right is the **LED channel indicator display**. This is flanked on either side by Tx and Rx indicator lights. Like most red LED displays, this is clear and easy on the eyes in normal and subdued lighting but tends to get obliterated by strong sunlight. Conse-



quently the dimmer switch is slightly superfluous. All the switches have a nice feel to them, but are somewhat close together for 'fumble-free' operation. The fact that they are slightly recessed doesn't help here either. Eliminating that dimmer switch would allow the remaining switches to be spaced a little better.

Moving to the bottom left-hand corner, we find the microphone socket. HOORAY! A microphone socket where it ought to be; on the FRONT (still the wrong side though). Award five bonus points to Halfords! The microphone connector itself is a five pin DIN connector. Many people prefer the American type four pin connectors with a locking ring but we have never found any particular advantage in either method. Moving off to the right are four knobs for Mic. gain, RF gain, Volume/ Off and Squelch. Once again all the controls feel quite nice but the order seems a little bit illogical. Trying to find the volume/on-off switch from among the others under the recesses of the dash on a dark night with a black front panel can lead to a certain amount of fumbling! On the extreme right-hand side is a large knob for channel selection.

Going round to the rear panel, we find a three pin polarised socket for the 13V2 volt DC supply and immediately under it, 3.5 mm jack sockets for extension speaker and PA speaker. In the middle is a slide switch to bring in the 10dB attenuator and finally, a standard SO 259 antenna socket.

Technicalities

Opening up the box reveals a Cybernet 134 series chassis. This chassis is rapidly establishing itself as one of the all-time classics of RF design. It is found in a number of rigs which have already established an excellent reputation, both with suppliers and users alike. The quality of construction is well up to Cybernet's usual standards.

The synthesiser is the Sanyo 7136/7 single crystal device. This device makes generating the UK 40 channels so easy that it makes you wonder why some other manufacturers bother with anything different!

The transmitter line-up is fairly conventional. The Voltage Controlled Oscillator (VCO) is controlled by two varicap diodes, one being the PLL control element, the other providing the modulating element. The VCO output is doubled and then buffered before being fed to the driver transistor and finally the PA stage (Power Amplifier, not to be confused with the Public Address System!).

A generous amount of filtering is applied between each stage and a particularly comprehensive filter is placed between the PA transistor and the aerial socket. This is a reflection of the extremely tight Home Office specification; far tighter than is required in the USA for example. The 10dB attenuator is applied by switching in or out a pair of resistors in the emitter of the driver transistor thus varying the power out-



put.

The antenna feed to the receiver is tapped off from the Tx low pass filter and fed via a small capacitor to the receiver input tuned circuit. There is no antenna switching between Tx and Rx, protection for the receiver being provided by a pair of back to back diodes across the input-tuned circuit.

The RF amplifier consists of a bipolar NPN transistor running in the common-base mode. RF gain control is effected by varying the DC bias on the base of the transistor. Although common-base operation is quite common in communications applications, it is not very usual in CB applications and indicates that perhaps more thought than is usual has gone into the preparation of this rig! This is confirmed by the next stage, the first mixer. Instead of the usual single transistor mixer, we find a balanced mixer consisting of a pair of NPN transistors. Nice! The first IF (10.695 MHz) is double filtered in LC circuits before being fed to a ceramic roofing filter. There is no amplification of the 10.695 MHz IF, the output of the ceramic filter being fed straight to the second mixer.

The second mixer is a simple single transistor running in the common emitter mode. The second IF is 455 KHz and it is at this stage that the bulk of selectivity takes place. Selectivity is provided by a ceramic ladder filter. It is gratifying to see that the ceramic filter is properly matched by a transformer. Many designs eliminate the matching transformer in the mistaken belief that the ceramic filter will provide all the necessary selectivity. Although ceramic filters can provide excellent selectivity, they can and do suffer from spurious responses. These can be almost entirely eliminated by the proper use of matching transformers. The 455 KHz IF is amplified in two further transistor stages before being split three ways by a transformer. One feed goes to a rectifier to drive the meter. The second is rectified to provide squelch and AGC (I) feeds. The third feed goes off to an IC which appears to be a limiting amplifier and quadrature detector. The audio is fed from the

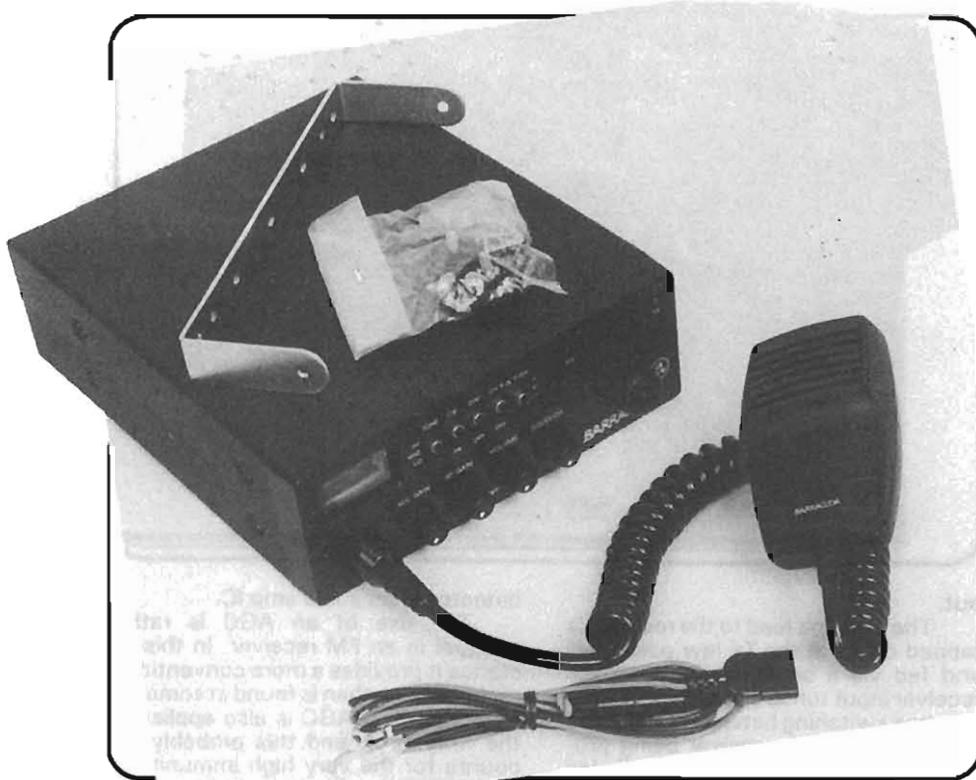
detector to an audio amp IC.

The use of an AGC is rather unusual in an FM receiver. In this instance it provides a more conventional meter display than is found in some FM receivers. The AGC is also applied to the first mixer and this probably accounts for the very high immunity to 'bleed-over' of this design. The microphone output is fed via a transistor pre-amp to the audio amp IC, the output of which is then sampled and rectified by a diode. The DC output from the diode is used to control a transistor which in turn controls the gain of the transistor pre-amp. The result of all this is that the audio circuits have an automatic gain control which holds the audio output relatively constant. This is particularly beneficial in the transmit mode as the audio fed to the modulator will be held fairly constant over a wide range of input levels. Speech processors and power mikes are unlikely to provide any benefit to this sort of circuit! In the Tx mode, two further op-amps provide additional filtering before the modulator diode.

All in all, the circuit shows evidence that a great deal of thought, not to mention practical experience, has gone into its concept and execution.

The transmitter power output was measured at 3.9 watts at 13.2 volts. The 10 dB attenuator reduced this by 12 dB, a little more than is strictly necessary but better safe than sorry! The second harmonic was 75 dB down on the fundamental, 3 dB better than required by HO specs. All other spurious outputs were better than 80 dB down, also better than required by the regulations. The deviation was measured as ± 1.5 KHz. However, during the course of our tests we came upon another Barracuda owner whose rig was only deviating ± 1 KHz, a little bit on the low side resulting in slightly faint modulation at the receive end. The channel frequencies were within 40 Hz of nominal in the worst case, a truly remarkable achievement!

The receiver sensitivity measured about 0.3 μ V which was beginning to approach the limits of the test equip-



ment used to measure it! S9 on the meter measured about 60 uV and with both squelch and RF gain set at maximum, the squelch opened at 18 uV.

On The Road

The Barracuda was run through our usual selection of test vehicles plus a spell running as a Home Base installation.

As stated earlier, this is quite a large rig, requiring a fair bit of space for installation. Many modern European cars have fully enclosed dashes which don't leave a lot of room for bulky accessories! The Barracuda comes complete with all necessary mounting hardware, so there are no problems here.

The switches are a little too close together for comfort and placing the volume/on-off switch in the middle of the row makes blind operation while mobile a little bit fiddly. However, the controls are smooth and progressive in action which helps considerably. The microphone gain control produced the best results when left fully clockwise and it was left in this position throughout the tests. The receiver was extremely sensitive as the earlier measurements had indicated. Nevertheless, it proved remarkably immune to 'bleed-over'. In our data panel you will find a section marked 'swamping'. This covers not only immunity to bleed over from nearby transmitters but also immunity from cross-modulation. Cross-modulation is an effect which can occur when several powerful transmissions arrive simultaneously at the receiver input. If these transmissions are spaced just the right amount either side of the receiver frequency, they can mix together in the receiver front end and produce an output that

will be detected by the receiver. The end result is that under some conditions you can clearly hear conversations several channels away. The clue that you are suffering from cross-mod is that, although the recovered audio is clear, the signal-strength reading is zero! This has nothing to do with the selectivity of the receiver but is due to shortcomings in the design of either the RF stage or one of the mixers.

The Barracuda is extremely good in this respect. Throughout our tests it never exhibited any tendency to suffer cross-mod. Under very strong signal conditions there was a slight amount of de-sensitising but the interference had to be within a few yards to produce this effect! When running in our electrically noisy test vehicle, a small amount of ignition crackle was noticeable but not sufficient to cause any serious problems.

The quality of transmission was good and clear and many of the signal reports received were very complimentary. The internal speaker was quite good and coped well even in a noisy vehicle, although better results were obtained with a larger external speaker.

The squelch worked well, though with no hysteresis. When operating into a large external speaker as a home-base, this resulted in a pronounced rumbling when the squelch was on the verge of operating. This effect cannot be heard on the internal speaker because of the poorer bass response. Despite this, the Barracuda makes an excellent base station rig, the good performance and comprehensive controls combining to provide a fine overall balance.

In conclusion then, the Barracuda is something of a rough diamond: excellent performance in a somewhat plain wrapping.

GB

RIG REVIEW DATA PANEL

Model Barracuda 940
Distributor Halfords Ltd
Typical Price £89.95

Features	Yes	No
PA Facility	<input checked="" type="checkbox"/>	<input type="checkbox"/>
External Speaker Jack	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TX Indicator Light	<input checked="" type="checkbox"/>	<input type="checkbox"/>
RX Indicator Light	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PA Indicator Light	<input type="checkbox"/>	<input checked="" type="checkbox"/>
S/RF Meter	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hi/Lo Power Switch	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ANL/NB Switch	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CH9 Switch	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Variable RF Gain	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mike Gain	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Delta Tune	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Tone Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
LED Channel Readout	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Facilities	Superb	Good	Fair	Poor
Ease Of Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Built In Speaker	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Microphone Location	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cabinet Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality Of Control Switches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Channel Indicator Readability	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mounting Bracket	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hand Book/Instructions	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Specifications

Modes Of Operation	FM Only
No. Of Channels	40
Weight	
Dimensions	215 x 180 x 65 mm
Supply Voltage	13.2 VDC
RF Output Power	3.9 Watts
Frequency Stability	In Spec
Swamping	Good
Sensitivity (RX)	0.3uV 10dB
Spurious Emissions	In Spec

CB VERDICT

Range	*****
Clarity of TX	*****
Clarity of RX	*****
Ease Of Controls	**
Ease Of Installation	***
Performance	*****

We rate our samples on a scale of one to five. Five stars is the highest rating, three and four stars are good to average and one and two stars mean it's not doing so well.

HAYDEN

PRACTICAL CB RADIO BOOKS

MODERN CB RADIO SERVICING

by Marvin Hobbs

This book reviews the most recent trends in CB transceiver design, including PLL and microprocessor control techniques. There is a chapter on troubleshooting techniques that are applicable to either 40-channel or 23-channel transceivers. And an appendix of figures giving the various crystal combinations in 23-channel transceivers with multicrystal synthesizers is included.

08651 176 pages 1979 £5.40

CBers' SSB HANDBOOK

by Tom Kneitel, Editor of CB Radio/59 Magazine

Prepared by the famous "TOMCAT" of CB Radio/59 Magazine and a leading CB communications authority, this book familiarizes the CB operator with sideband. It explains in layman's terms what sideband is, how, when, and where to use it to increase communications' range and enjoyment from CB radio. It even tells how to buy the equipment to get the most for your money and how to build some experimental antennas to expand output.

08570 128 pages 1978 £5.00

HOW TO SELECT AND INSTALL CB ANTENNAS

by the Staff of CB Test Labs

This all-points guide enables you to handle an antenna like an expert. You'll see just how the antenna works — how it radiates and intercepts radio signals. Then you'll see the many kinds of antennas available — both mobile and base station types — enabling you to wisely select the one you really need. Even transmission lines are covered. The handbook then maps out complete installation and check-out procedures aimed at optimum transmission. For the hobbyist, techniques are given for building your own antenna — mini-1ini, dipole, long wire, and indoor.

08619 112 pages 1977 £4.20

CBers' FACTBOOK

by Noel T. Smith

This book tells how easy it is to select, purchase, and set up the kind of equipment best for you. It explains and illustrates basic operating practices for both base and mobile stations. You'll find CB rules and regulations, and a listing of CB clubs, organizations and publications.

07876 128 pages 1977 £3.50

CB ACCESSORIES YOU CAN BUILD

by Ronald M. Benrey

Here's an opportunity to build some terrific improvements into your standard CB equipment — novel but practical additions perfectly within the law.

08546 1978 £4.20

CB dealers interested in adding this range to their stock are invited to write or call for details, trade terms and conditions of sale to John Wilson, Product Manager, at the address below or telephone Chichester (0243) 784531.



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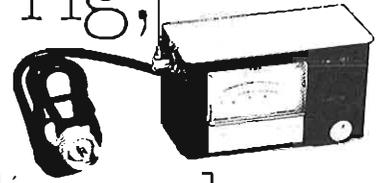
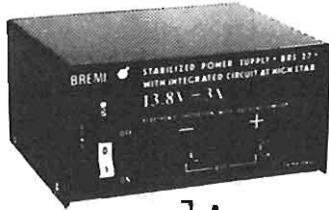
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Worried about the length of your twig? Worry no more, the FREE Citizens' Band DIY antenna checker will tell you at a glance whether it exceeds the 1.5 metre limit.

Simply join together all the parts of the Antenna Checker and hold it up next to your twig. If it's illegal the antenna will be longer than the checker. Simple, isn't it?

As an added bonus, the unique centre load detector will tell you whether or not your antenna has an illegal centre load fitted. Simply slide the checking hole down the length of the whip. If there's any kind of loading device fitted it will come to an abrupt halt, indicating that the antenna is illegal. Are we good to you or what?

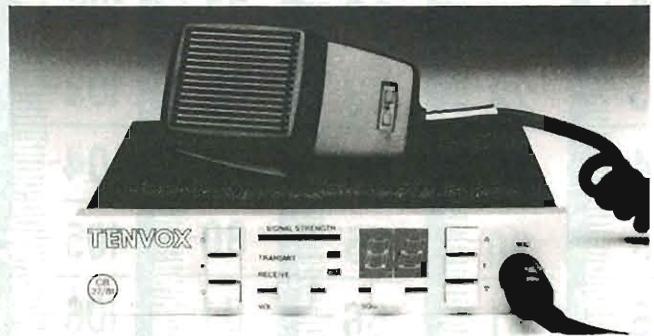
THE NEXT MONTH BIT

Another fun-packed, super whizzo issue for you next month. Lead feature is an in-depth investigation into Selective Call, or Sell Call, a cunning method of ensuring that you only talk to the people you want to talk to. We have a special feature on Junior Breakers next month, Chris Adam-Smith looks at this very important sector of our hobby in his own inimitable way, cartoons too! Andy B Giles, our resident technical buff has a good hard look at CB generated interference, its causes and cures. To top it all off our regular Emergency Monitor feature has the low-down on THAMES, one of the largest monitoring organisations.

The equipment reviews next month include a look at the new Cobra rig and.....well, as usual wait and see. Next month's antenna review is a sneak preview of a new base station twig, it's also a warm up for our bumper base station issue in the June edition of Citizens' Band. Look out too for all the regulars, Mack The Hack, CB Q & A, Backchat and all the latest news. You can't afford to miss it. On sale Friday 16th of April.

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* CBC *

Mack Chat

Mack The Hack, the country's leading CB personality has his monthly moan — this time on the use and abuse of the three calling channels. Mack also looks at emergency monitoring in London.

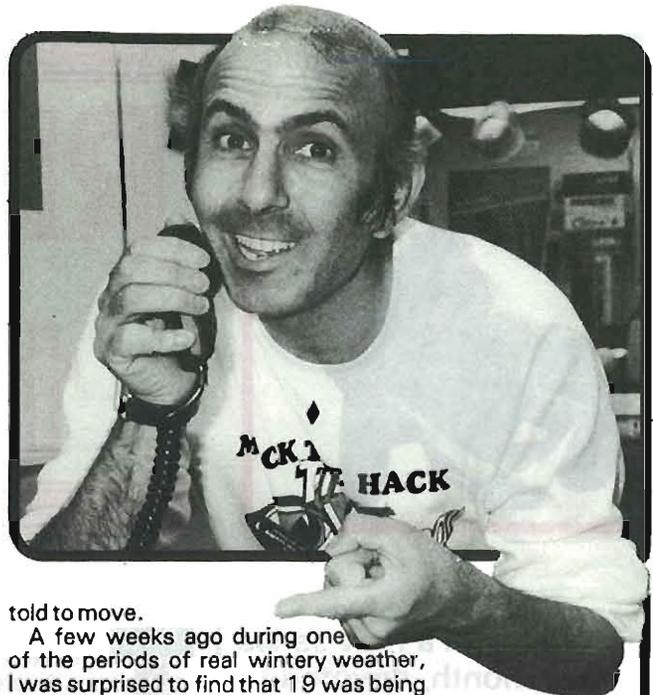
Did you know that there were suggestions published for operating codes and practices for CB? These codes were produced by the Home Office in co-operation with NATCOLCIBAR and were published in the November issue of this magazine, so I expect you may have read them.

Amongst the suggestions were ideas for channel use and, as in the old AM system, channel nine was recommended for emergencies, one-four the calling channel and one-nine for conversations among travellers on main roads.

So now we'll see if you have taken that all in! If you are mobile and want a 10-13 on a particular stretch of road, what channel should you use? Well done, 10 out of 10, channel 19. So tell me why do I hear on the one-four some thing like this: "14, 14 for a 10-13 Old Kent Road east-bound!" A breaker's call will be answered by the parrots like this: "Hoop La, Hoop La, you on the 14 Hoop La, you on the 14?" (repeat about 10 times without stopping for breath). This is instantly followed by "Copy Cat, Copy Cat do you copy on the 14" (again repeat five or six times, not pausing for breath or leaving any gaps). Even if Hoop La or Copy Cat were on the 14, the callers would never know because they don't get a chance to answer. As for the breaker wanting a 10-13 on the Old Kent Road, by now he doesn't care any more because he is either stuck in a hold-up, or the road was clear and green and he's now in New Cross calling for a 10-13 Lewisham way.

Being a well-travelled person around London and its suburbs, I find that this happens in most areas. I hear from people I talk to on the channels that this is a common problem in other parts of this country too. Yet on some motorways, the breakers do occasionally use channel 19 for 10-13s, so why not in towns? The first argument I get is that channel 19 is the truckers' channel. Well I say, rubbish! If we again turn to the operating code of conduct, channel 19 is a traveller's channel. So what if a bloke is pushing a 14-wheeler from Covent Garden to the supermarket in the high street, or a guy in an Escort van is on a trip from Southampton to Luton with a load of anything or even a rep from his work's base 20 in Reading is visiting a customer in Dover, does that mean that only the 14-wheeler has the right to use channel 19? Come off it, even the fellow taking his mum home from one side of town to the other has a right to use channel 19 for traffic information.

Surely the trucker as well as the van driver doing his daily deliveries or just the guy going to and from work has the right to know the traffic conditions. Each one needs the other for help. In the old AM days if you listened on the one-nine as I did when mobile — apart from odd traffic reports — the channel was kept clear. The truckers did at times use the channel for a breaking call but would then remove themselves to another frequency to modulate. If they did not, they were soon politely and sometimes not so politely



told to move.

A few weeks ago during one of the periods of real wintery weather, I was surprised to find that 19 was being used as it should. 10-13s were being requested and the information passed back where possible with other chatter kept to a minimum. At last I thought we are getting the message but it did not last, for as the weather cleared so did the one-nine and during our latest bout of snow one-four was again being used for the 10-13s.

Over in West London a group of breakers issue road and travelling conditions for home-bound motorists during the evening rush-hours. Well done, all you people concerned — you are doing an excellent service. But why do you use channel 17? I agree that the regular motorists in your area know about you but what about the stranger who would find your service even more of an aid. They don't know that you are on the one-seven, that's why you have to keep coming down to 14 telling other breakers 'If you require traffic information come to channel 17'. As I said before, a super service but please could you use channel 19?

As I'm in the mood for moaning, let's look at our so-called emergency channel 9. It seems that every other breaker I talk to is a Thames monitoring station. It's nice to hear that all these willing breakers are keen to monitor the channel 9 for emergencies but *when* do they monitor the channel? In the small hours of the morning, or maybe during the afternoon? It seems not. How about the evenings? Yes, that's a more likely time — when everybody else is doing the same! Most people have to work or go to school and at night they like to get their eight or nine hours sleep, so the evenings are as good a time as any to do one's bit for CB; as a result we have lots of monitoring stations on the channel 9 at this time. When a 10-33 comes in, all these keen stations swamp the channel attempting to take the call. I have heard arguments between these stations slugging one another off and claiming that the call is theirs! Other times when a 10-33 comes in, some of the stations doubt the authenticity of the emergency and discussions commence whether the call is a wind-up or not. As I listen on channel 9 I sometimes wonder if it's another calling channel for the monitoring stations. Also, when a 10-33 is successfully taken, discussions again develop on the success and they continue for quite a while congratulating themselves on the emergency channel. I personally believe that the answer to this is training — train these monitor stations on how to monitor and the procedure involved. Also, duty rosters should be drawn up and the area co-ordinator should be responsible for this. It may sound as if I'm knocking the monitoring organisations but I believe we do need a service that works, because at the present time it's bedlam. Just for the record, my Thames unit No is LB 181. As a post script, I hear even as I write that there are meetings being organised for the Thames units; it could be the start of the efficiently run service we need.

Feature



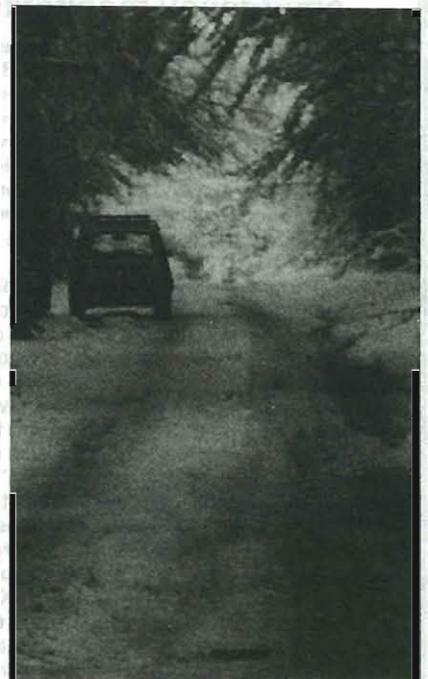
REACTing to HELP

We begin a new series this month, devoted to Channel 9 monitoring organisations. Each month we will reserve two pages for each organisation and let them have their say. Mervyn Pammant, REACT area co-ordinator for the East Anglia area, sets the ball rolling.

There cannot be too many breakers around who have not heard of a 10-33, the emergency call for assistance on Citizens' Band radio.

Whether you take on the responsibility of dealing competently with that call for help, crying out from the depths of your rig, is entirely another matter. It can be a heart-stopping, unnerving moment when you realise you provide the only link that could mean the difference between life or death to someone in trouble.

Many CB operators all over the country have taken on that responsibility and have joined REACT UK (Radio Emergency Associated Citizens' Teams); the voluntary organisation whose members are dedicated to monitoring Channel 9 — the emergency channel — to help other users with problems.



citizens for the benefit of British citizens. The British organisation benefits from the 20 years monitoring experience of REACT team members in the United States which have been adapted to the particular conditions in this country.

However, like all embryonic organisations, REACT needs more members — more volunteers willing to give up a few hours of their time to monitor their CB when, perhaps, they might prefer to be talking to friends. It is only in this way that REACT UK will be able to provide a 24-hour, year-round watch covering the whole of Britain so that wherever a CB user may be, he or she can be reassured that help is near.

As you see, REACT has set itself high ideals. It is a help organisation prepared to deal with problems large and small. Its monitors will react to all calls for assistance on Channel 9 on the basis that the caller wouldn't be there unless he or she needed help — even something as seemingly irrelevant as a



RADIO EMERGENCY ASSOCIATED CITIZENS TEAMS

A full scale volunteer civilian emergency radio service that meets the modern need to communicate . . . REACT Team members using their own Citizens Two - Way Radio's monitor Official Emergency Channel 9 to assist the public.

REACT UK, while a member of REACT International which is based in America, is a service run by British

request for the time *may* be important to a person who has to take medication at specific hours of the day. As the organisation expands covering services such as road conditions, road hazards, diversions, serious traffic jams, rail accidents, boating emergencies, crime reports, flood, medical and family emergencies; monitors will find themselves dealing with serious road accidents, providing a fast link between the emergency authorities and sometimes having to calm down hysterical callers to extract the proper information.

REACT members who monitor channel 9 should always be aware that other people, individuals, and monitor groups have just as much right to use it as they do. That is why REACT monitors, as a matter of policy, will not interrupt anyone else dealing with an emergency situation, unless specifically requested to do so.

One REACT monitor in Cambridgeshire recently picked up an individual who had heard a 10-33 on channel 14. He asked the station to change to channel 9 and found to his surprise that the caller was a heart attack victim. The monitor station was able to relay instructions via the ambulance to those at the scene. The monitor station also took the name and address of the lady breaker who dealt with the incident with a view to recruiting her into REACT.

Monitors from whatever organisation who argue over an emergency call are only harming their own cause, not to mention the chances of survival of the poor person who needs assistance.

Any REACT monitor who is found fighting over a call will find that their monitoring days for that organisation are numbered.

Policy

Since it has adopted a policy of monitoring the frequencies legalised by the Government, REACT UK has built up a great deal of respect with the emergency service authorities and other bodies. The recent bad weather, for example, has done much to forge links between REACT monitors and statutory organisation. REACT UK teams are also prepared to assist the authorities on missing persons searches, crime prevention, and in time of local or national disaster when other communication services are not operable.



Each REACT team should become a self-contained home-based and mobile communications unit. While its primary aim is to monitor the emergency channel, a local REACT team's communications expertise can also be used to marshal, for instance, the town's carnival procession. There are many areas in which REACT UK has been and will become effective.

Its members are expected to be sensible, responsible men and women, 18 years-old or over, who can display their commonsense — required when situations become fraught with panic and fear — people who can think on their feet, making cool, concise decisions.

Not a job for you? You would be surprised what you can do with the help and training REACT UK can give you. If there is a REACT team in your area, get in touch with the team chairman and pop along to one of its regular meetings. You might be amazed at the kind of people, from all different walks of life, who are involved.

If there is no local team, why not set about forming one yourself? If you belong to a CB Club, you may prefer to form a team from within its membership. Otherwise, any individual can get together a group of like-minded folk — five is the minimum number — and apply to become a REACT team.

Contacting REACT headquarters (details later) will bring you a team registration document and details of the county and area officials in your district. Don't hesitate to get in touch with them for they are only too willing to help.

Forming A Team

What do you need to form a team? Each member must have legal CB equipment and, most important, a telephone in the home for making contact with the emergency authorities or service agency required. Plus, of course, a valid CB operator's licence.

Each member of a team will be ask-

ed to pay £3.50 subscription (£3.00 for additional members of the same family) annually to REACT UK headquarters. In addition, each team will pay a once only fee of £10 for the charter giving the team the right to operate under the banner of REACT.

Other voluntary monitoring services pride themselves on requiring no joining fee. Attractive to potential recruits perhaps but a difficult operation to fund, I would imagine.

REACT UK believes that for a national organisation to be efficient, it must be adequately funded. Even a non — profit making public service organisation like REACT needs funds to provide suitable liaison facilities for its teams, necessary literature, training guides, manuals, monitoring sheets and training services for monitors. The money is certainly never wasted!

Compare REACT's £3.50 to the subs payable to a CB Club and you'll find it is usually a lot less than a club will demand and for your money you will get a lot more than the pleasure of drinking in a public house!

Insurance

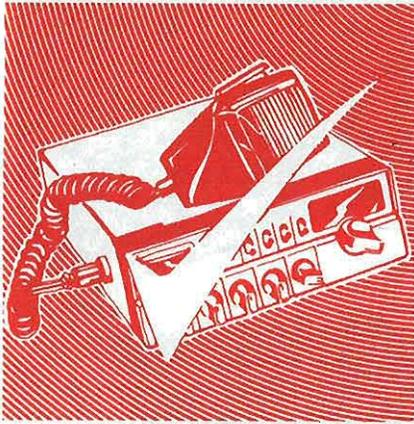
The £10 charter fee is almost swallowed up by the cost of REACT's unique third party insurance policy to protect its members against any third party claims that may arise from their dealings with incidents while monitoring.

As a member of a REACT team you can help fellow CB users and the general public at large with just a little effort every week. You will be joining like-minded breakers in a new CB 'club' on which other breakers will come to rely. You will be their lifeline.

Monitoring is the serious, essential but satisfying side of CB radio. If you think you've got what it takes to join a REACT team or to form your own team, write to: REACT UK, 142 Lutterworth Road, Nuneaton, Warwickshire CV11 6PE (Tel: 0203-383005).



Rig Check



Hi Fidelity

Rig Check 2 this month looks at the **Fidelity 2000FM**, one of the very first multi-function rigs on the market. At around £90 it has a lot to live up to, we think it could be a winner.

After only a couple of months, one or two names have become synonymous with UK CB. Probably the first and still one of the most popular makes of FM CB rigs is **Fidelity**, a good solid name from a good solid British company — though Fidelity are the first to admit that their CB rigs are far from British. Thus far, Fidelity have two UK FM rigs on the market, the unremarkable, though well received and very popular, CB 1000FM and the up-market CB2000FM. The latter being the subject of this month's Rig Check.

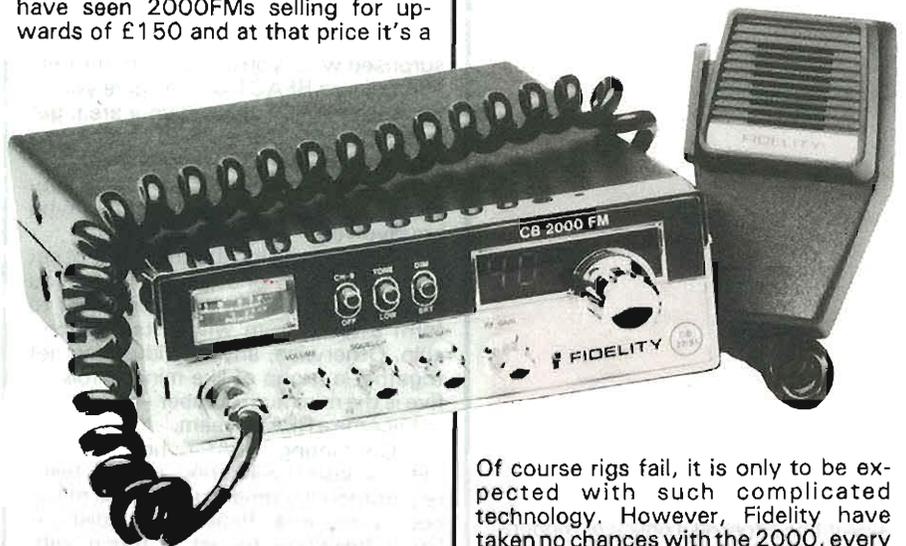
The CB 2000FM weighs in at around £90; a reasonable price for a rig of this class, though be warned, we have seen 2000FMs selling for upwards of £150 and at that price it's a

speaker, PA speaker and power lead, plus a slider switch for 10dB attenuator.

So far so good. The styling on the 2000 is a fairly distinguished mixture of chrome knobs and black/grey panels and certainly wouldn't be mistaken for anything other than a CB rig. The rig comes complete with fitting kit and very comprehensive instructions, plus of course, the manual microphone and PTT switch, but we shouldn't have to tell you that these should be standard fitting on all mobile CB rigs.

In Action

Contrary to many unsubstantiated rumours, Fidelity have had no more problems than any other manufacturer.



rip-off! The rig has eight front panel controls; three switches control channel 9 priority, tone control and LED display dimmer. Rotary controls include Volume-On/Off, Squelch/PA, Microphone Gain, RF Gain and Channel Selector. The two displays are red LED channel display and S/RF edgewise meter. The microphone socket is half right, it's on the front panel, which is more than can be said for a lot of other rigs. On the back, there are the usual sockets for antenna, extension

Of course rigs fail, it is only to be expected with such complicated technology. However, Fidelity have taken no chances with the 2000, every single unit is tested prior to dispatch and it seems to have paid off. Our review samples we're treated to the kind of abuse in just a couple of weeks that most rigs might never suffer in a whole lifetime and we're happy to report our 2000s came through unscathed. Reports from other breakers confirmed that transmitted copy was both clear and well modulated. Signal strength reports back up our power readings of a true 4 watts RF from the antenna socket. The





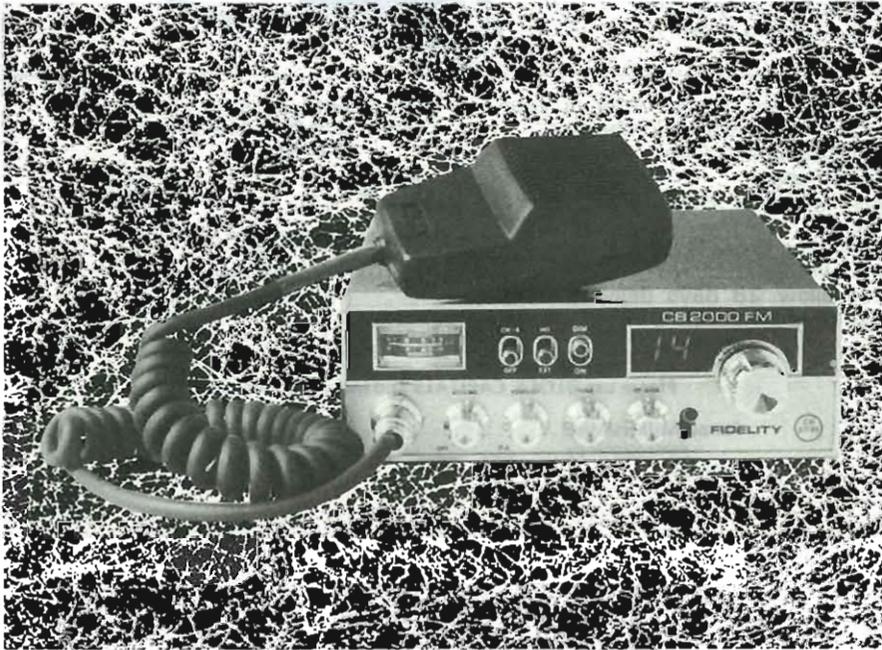
Above: The Fidelity 2000 FM with fixing kit, power leads and screws. As this is a fairly large rig you should ensure you've enough space to install it properly.

receiver section of the rig was both sensitive and highly selective, able to reject strong transmissions on adjacent channels. We have yet to put the 2000FM through our complete workshop tests but if the field test results are anything to go by, the 2000FM is a very capable rig, reasonably priced and very well built.

For around £90 the 2000FM is a worthy competitor to our current

favourite middle-market rig, the York JCB 863. We were particularly impressed with the 2000's ruggedness and uncluttered control panel. If there is any criticism of this rig then it has to be the badly sited mike socket, but to be fair to Fidelity, this is not a crime in which they are the only guilty party. To date only two manufacturers have got it right, and their rigs cost significantly more than £90.

CB



RIG REVIEW DATA PANEL

Model Fidelity 2000FM
 Distributor Fidelity Radio, London
 Typical Price £89.95

Features	Yes	No
PA Facility	<input checked="" type="checkbox"/>	<input type="checkbox"/>
External Speaker Jack	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TX Indicator Light	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RX Indicator Light	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PA Indicator Light	<input type="checkbox"/>	<input checked="" type="checkbox"/>
S/RF Meter	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hi/Lo Power Switch	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ANL/NB Switch	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CH9 Switch	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Variable RF Gain	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mike Gain	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Delta Tune	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tone Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
LED Channel Readout	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Facilities	Superb	Good	Fair	Poor
Ease Of Controls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Built In Speaker	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Microphone Location	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cabinet Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality Of Control Switches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Channel Indicator Readability	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mounting Bracket	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hand Book/instructions	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Specifications	
Modes Of Operation	FM ONLY
No. Of Channels	40
Weight	
Dimensions	215x 175x 60 mm
Supply Voltage	13.8 VDC
RF Output Power	4 watts
Frequency Stability	In Spec
Modulation	Good
Sensitivity (RX)	0.3uV 10dB
Image Rejection	Good

CB VERDICT

Range	*****
Clarity of TX	*****
Clarity of RX	*****
Ease Of Controls	*****
Ease Of Installation	***
Performance	*****

We rate our samples on a scale of one to five. Five stars is the highest rating, three and four stars are good to average and one and two stars mean it's not doing so well.

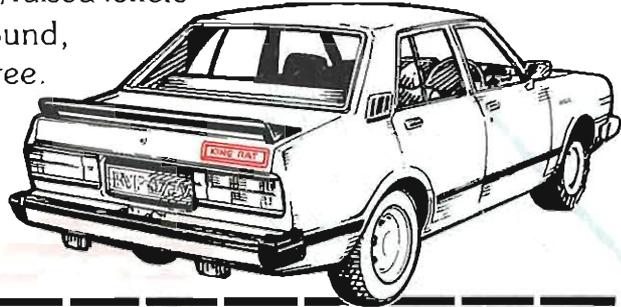
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CBS

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Background and History of CB.
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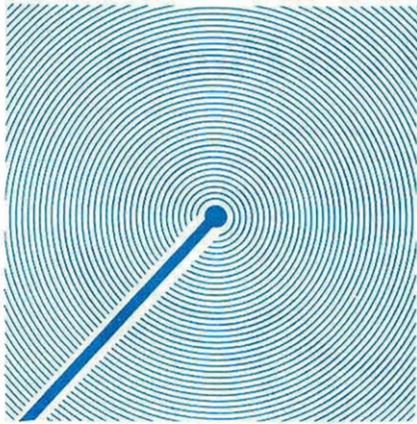
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(CB 3/82)

Antenna Review



HYTHE & SEEK

MOBILE ANTENNA

Worried about fitting a CB antenna to your car? Apart from the extra holes, it is an open invitation to villains, telling everyone that you have a CB in your car. This month we look at a gadget which the manufacturers claim will turn any ordinary car radio into a CB antenna — we put these claims to the test.

So far, Antenna Review has only been looking at purpose-built CB antennas. This month, by way of a change, we look at a device the manufacturers claim will turn any ordinary car radio aerial into a CB antenna. Bold claims. We decided to put them to the test.

The Hythe Electronics CB Aerial Eliminator is a fairly unremarkable looking black box with two cables coming out of it. The box itself is fairly featureless except for a socket, two holes and a two position slider switch marked CB and Radio. We decided to treat the unit as we would any review antenna, ie subject to our combined field and lab tests with a variety of different vehicles, rigs and locations.

Fitting the eliminator took five minutes, it bolts neatly to any conve-

nient part of the dashboard and one of the two flying leads plugs straight into the rig's antenna socket. The second flying lead plugs into the car radio aerial socket. The lead from the car aerial plugs into the socket on the top of the eliminator.

With the unit fitted into place you can carry out the SWR adjustments with a meter in-line, between the eliminator and the rig. Two adjusting screws in the unit are alternately twiddled to give progressively lower readings. We were able to get the SWR down to below 1.3:1 on channel 20 on every one of our test antennas. We did find that the SWR should be checked over the whole band as the reading could be well below 1.3:1 on channel 20 say, yet rise alarmingly above 3:1 on channel 40. Adjusting for a constant reading over the whole band



The Hythe Aerial Eliminator in all its glory.

sometimes meant that you had to settle for a higher SWR, as high as 1.8:1 in one case, but at least it was too low to do any damage.

We found that the physical size of the car had a bearing on the SWR, more so than the antenna used. In general the larger the car, the lower the SWR. However, with some of the shorter car aerials the SWR was much harder to trim, requiring repeated adjustments to the SWR adjusting screws in the unit. The moral therefore seemed to be that the eliminator was happiest with a large car and a large aerial. We suspect that a Mini and a coathanger aerial might not SWR very satisfactorily.

As far as operation was concerned, there were no real surprises. To be frank we didn't expect the unit to work as well as a purpose-built CB antenna, though the feeling was that it worked much better than some of our review team expected. In comparison to a well designed mag-mount (K40, Bandit, Dial-A-Match, etc, etc) the combination of the aerial eliminator and a basic telescopic aerial would be about two thirds as efficient. This would rise if the aerial in question was over two feet long or if it was mounted centrally on the car roof.

There are a couple of things to watch for when using this unit. First, the condition of the car aerial. A dirty, rusty or broken car aerial will produce poor results. Second, the aerial has to be fully extended each time as the SWR will vary dramatically, possibly to a dangerously high reading which could damage the rig. We thought it prudent to keep the SWR meter in circuit to remind us that the SWR should never go above 3:1.

In conclusion, the Hythe Electronics aerial eliminator is not a substitute for a well-designed CB antenna. However, if you are prepared to sacrifice a drop in range, albeit slight for local communications, then it has a lot going for it. It enables a totally discreet CB installation which will not attract light-fingered individuals; there is no way anyone would suspect that your vehicle is fitted with a CB. It is a viable and economic alternative to a CB antenna — you'll pay a few pounds more for a good CB antenna. It removes the necessity to drill extra holes in your car body. The one disadvantage is that you cannot use the car radio and CB simultaneously although we would also have liked to see some protection on the eliminator if, for instance, you key the mike with the selector switch in the car radio position. There is bound to be a degree of loss with the 75 ohm coaxial cable used on most car aerials. Hythe Electronics now suggest that this is replaced with 50 ohm CB coaxial; it should make a significant difference.

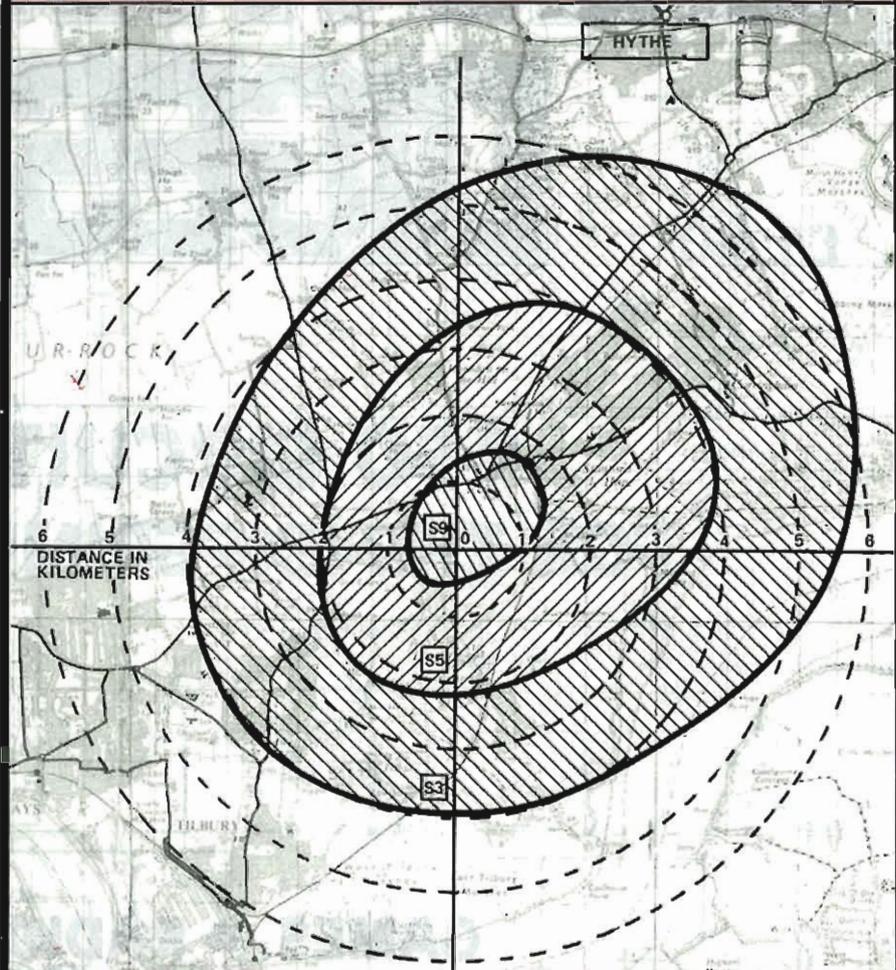
One last comment. The eliminator sent to us for review was an early design, manufactured in the Far East. Hythe now inform us that the eliminator will now be manufactured in the UK to their own specification — one up for the UK CB industry.

CB

ANTENNA REVIEW DATA PANEL

SPECIFICATIONS

Model	Hythe Aerial Eliminator
Type	L/C Network matcher
Length	
Frequency Range	26.9-27.9 MHz
Max Power Handling	80 watts AM/FM, 100 watts SSB
Impedance	50 ohms
Cable Supplied	
Mounting Details	Panel mounted — self-tapping screws
Supplier	Hythe Electronics
Typical Price	£19.95



REVIEW VERDICT

Performance	XXX	Installation	XXXX
SWR Adjustment	XXXX	Instructions	XX
Construction	XXXX	Value	XXXX

We rate our samples on a scale of one to five. Five stars is the highest rating, three and four stars are average to good and one and two stars mean it's not doing so well.

The Tests

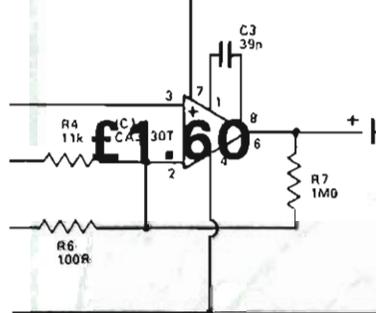
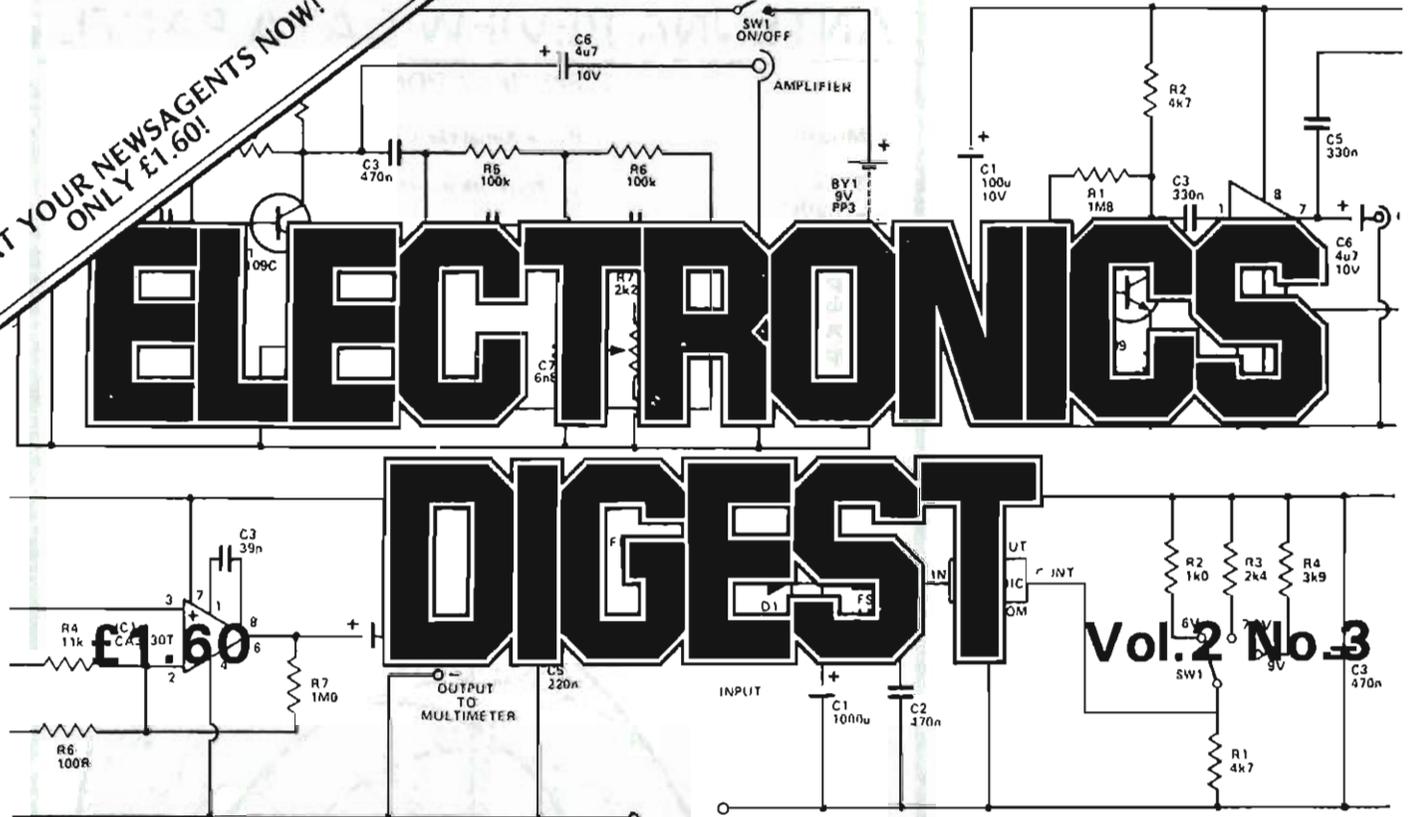
We have used our standard test procedure to assess the efficiency of this antenna. Just to bring new readers up to date this involves two tests: one static and one mobile. Our test sample is fitted to a stationary mobile and a second mobile follows a pre-arranged route that orbits the stationary test vehicle, sending and receiving signal reports at measured intervals. This is then repeated with the test antenna on the mobile test vehicle and the signals are sent and received between a stationary vehicle. A standard rig and antenna is used in all the tests. With the results obtained we are able to draw up the radiation pattern shown here. This is simplified to make the results more easily understood. The antenna is also subjected to a series of 'lab' tests to assess their durability, quality and construction, etc and finally we hand it over to a panel of Cbers for comment.

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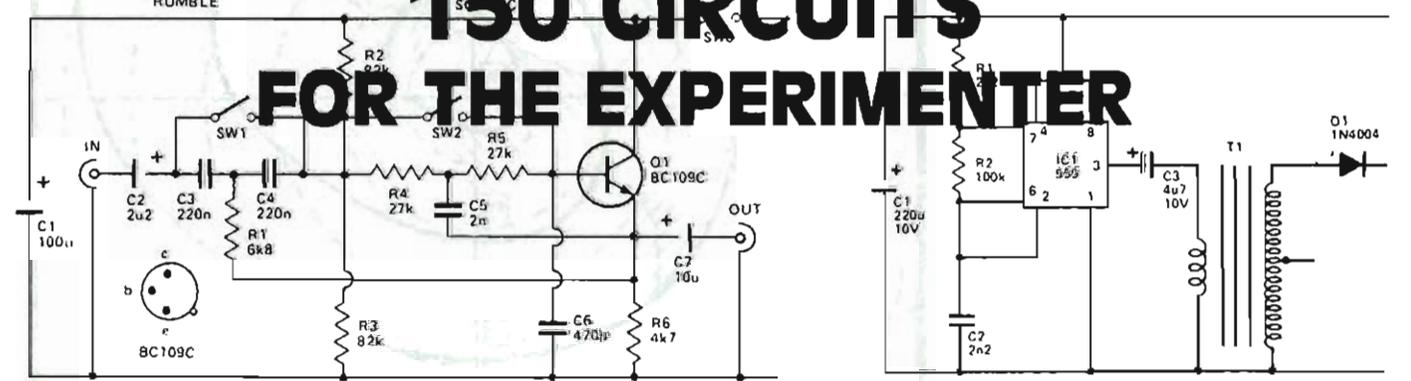
ELECTRONICS

DIGEST

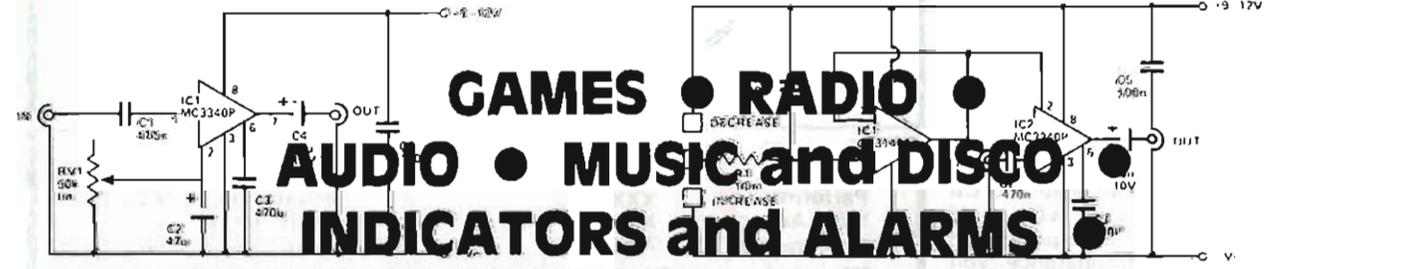
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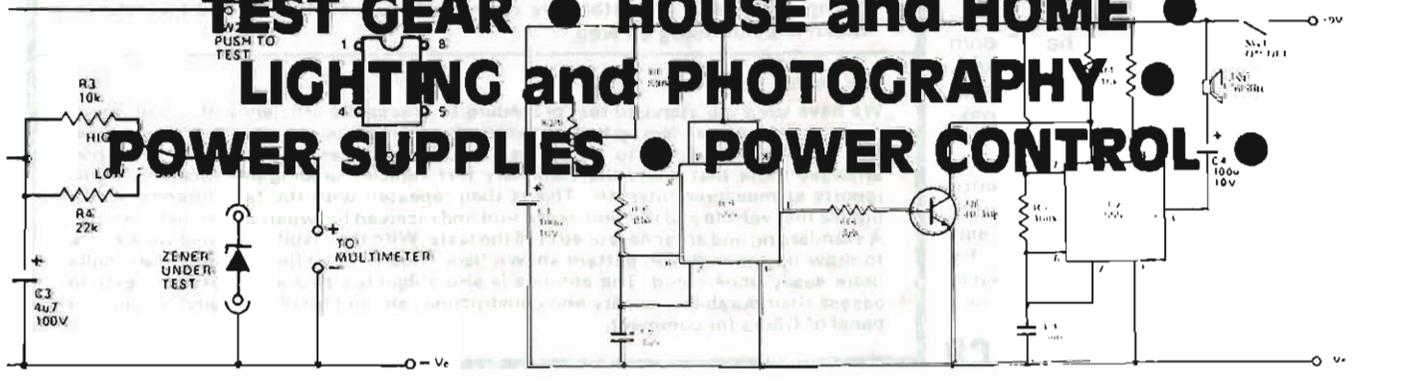
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AVON

BELL BREAKERS
PRO: The Rebel,
18 Hillgrove Street,
St James, Bristol,
Thurs 8pm The Bell.

BRISTOL CITIZENS BAND CLUB
1a St Peters Rise,
Headley Park,
Bristol BS13 7LU.

NATIONAL EMERGENCY SERVICE
PR: Judy Read,
48 Holsom Close,
Stockwood,
Bristol BS14 8LX.

ROMAN CITY BREAKERS CLUB
Secretary: The Waltzer,
29 Kelston View,
Whiloway, Bath.
Alt Weds, Oliver Inn.

SHANTYTOWN BREAKERS CLUB
PR: Walsh Wizard,
Clevedon,
Avon.
Ch 30 daylight hours,
Ch 14 after dusk.

WEST COUNTRY BREAKERS
Secretary: R.C. Cockle,
10 Bramley Square,
Congressbury,
Nr Bristol.

WESTON BREAKERS CLUB
Weston-super-Mare,
(Ch 30 daylight hours,
14 after dusk.)

BEDFORDSHIRE

GERONIMO CB CLUB
Chairman: Geronimo,
Luton, Beds.
Thurs, 8pm, Somerset Tavern.

LEIGHTON BUZZARD BREAKERS CLUB
Secretary: Sue Ellen,
c/o Red Lion,
Hockliffe,
Nr Leighton Buzzard,
Beds.

SATELLITE BREAKERS CLUB LUTON
PR: Geronimo,
The Plough,
Woodside,
Luton.

BERKSHIRE

BISCUIT TOWN BREAKERS
Chairman: Silver Surler,
PO Box 123,
Reading RG3 5JW.

BRACKNELL BREAKERS ASSC
Secretary: Keatrel,
The Bridge House,
Workingham Road,
Bracknell,
Berkshire.

FINCHAMPSTEAD BREAKERS ASSOCIATION
Chairman: Hi Fi,
11 Whittle Close, Gorse Ride,
South Nine Mile Ride,
Nr Wokingham.
Old Leather Bottle, Barkham Rld.

MAIDENHEAD OFFICIAL BREAKERS
PR: Super Square,
129 Fane Way,
Maidenhead,
Berkshire SL6 2LX.

STEEL CITY CB CLUB
Chairman: Alan Taylor,
SSCBC,
PO Box 123,
Reading.

TWO-WAY INDEPENDENT NETWORK SYSTEM (TWINS)
Secretary: W Smith,
6 Nuthatch Drive,
Early, Reading,
Berks.

WINDSOR 20-27 CLUB
Chairman: Playboy,
Windsor Football Club,
Windsor.

WOODLEY TOWN BREAKERS
Chairman: Vee Too,
10 Crockhamwell Road,
Woodley, Reading,
Berks.
Mons, 7.30, The Good Companions.

BUCKINGHAMSHIRE

27 FM CLUB
Secretary: Red Eye,
133 Golden Drive,
Eaglestone, Milton Keynes,
Bucks.
(0908-806831)
Thurs & Sun, 7.30pm, Cosgrove Lodge.

ATTIC BREAKERS CLUB
PRO: Shy Fox,
Town Field House,
High Wycombe,
Bucks.

AYLESBURY BREAKERS ASSOCIATION
Chairman: Mickey Mouse,
Hop Pole Hotel,
Bicester Road,
Aylesbury, Bucks.
Weds.

BOURNE END BREAKERS ASSOCIATION
PR: Sly Fox,
The Firrally,
Bourne End,
Bucks.

BUCKINGHAM BREAKERS CLUB
Secretary: Mrs A Ireland,
35 Addington Road,
Buckingham.

CAMBORNE BREAKERS CLUB
Chairman: Beethoven,
The Navv Inn,
Park Bottom, Illogan.
Alt Mons, Tucklingmill Pavilion, Camborne.

CB MUSKETEERS
PRO: J.L. Smith,
61 Gibbwin,
Great Linford,
Milton Keynes,
Bucks.

CITIZENS RADIO ASSOCIATED BREAKERS
PR: Sly Fox,
Town Field House,
High Wycombe,
Bucks.

THE CORN GRINDERS CLUB
Secretary: Yorkie Bar,
c/o The Pheasant Inn,
Windmill Street,
Brill, Bucks.
Tues.

HILLBILLYS CBC
Secretary: Hound Dog,
Friend At Hand,
West Wycombe Road,
High Wycombe,
Fris, 8.30 pm, Friend At Hand.

MILTON KEYNES CITY BREAKERS
Chairman: W. Weir,
2 Buckfast Avenue,
West Bletchley,
Milton Keynes.

NEW CITY BREAKERS CLUB (UBA)
Secretary: Heartbreaker,
c/o CB Centre,
9 St Ledger Court,
Linford Local Centre,
Great Linford,
Milton Keynes, Bucks.

NORTH BUCKS BREAKERS
Chairman: Tiger Lilly,
c/o 3 Beech Close,
Buckingham MK18 1PG.
Mons, 8pm, Folly Inn, Adstock.

WYCOMBE FREE BREAKERS
Chairman: Ironside,
9 Catar Road, Lane End,
High Wycombe,
Bucks HP14 3JD.
(0494-881779)
Alt Sun, The Studley Arms, Studley Green.

CAMBRIDGESHIRE

THE 27 CLUB:
Secretary: Blue Mink,
90 Grounds Avenue,
March, Cambs.
Tues, 8pm, The Chequers.

BIG 'H' BREAKERS CLUB
Chairman: R W Ingle,
84 Surrey Road,
Huntingdon,
Cambs PE18 7JR.

ROAD APPLE DX CLUB
Controller: C.D Cotton,
29 Fairfields,
St Ives,
Huntingdon.

ST NEOTS BREAKERS CLUB
Secretary: Plastic Man,
6B Herdwick Road,
Eynesbury, St Neots,
Huntingdon, Cambs PE19 2UG.

WHISKEY BRAVO CLUB
Secretary: Darricke Mann,
1 Council House Burrett Road,
Walsoken, Wisbech,
Cambs.

CHANNEL ISLANDS

GUERNSEY RADIO GROUP
PO Box 284,
Guernsey,
Channel Islands.

CHESHIRE

CANAL SIDE BREAKERS CLUB
PRO: Niall Shanks,
c/o Cotebrook House,
Oughtrington Lane,
Lymm, Cheshire.

CBA MANCHESTER
Secretary: Paul Lewis,
7 Bowland Road,
Woodley, Stockport,
Cheshire SK6 1LJ.
(Please include SAE)

CHAPEL SIDE BAND GROUP
Secretary: R Shatnell,
PO Box 2,
Whaley Bridge,
Stockport SK12 7BE.
Weds, 8.00 pm, Roebuck or Packhorse Inn.

CHESHIRE BREAKERS GOOD BUDDIES
PR: The Rainmaker,
c/o 10 Bowness Road,
Coniston Park Estate,
Timperley, Cheshire.

CREWE BREAKERS CLUB
Secretary: A.J. Lockhart,
1 Main Road,
Wybunbury, Nantwich,
Cheshire CW5 7NA.

MARSHFIELDS BREAKERS CLUB
Secretary: The Post,
8 Sparrowhawk Road,
Palace Fields,
Runcorn, Ches.
Weds, 8pm, Marsey View Cabaret Club.

MOTION LOTION BREAKERS CLUB
Secretary: Tweaky,
11 Farmstead Way,
Great Sutton,
South Wirral.

SILKTOWN BREAKERS CLUB
Secretary: Lady Godiva,
Higher Pentlills Farm,
Macclesfield,
Cheshire SK11 0NJ.
Alt Weds, 8.00 pm, Silklands Suite.

STOKE MANDEVILLE AND OTHER HOSPITALS CB RADIO APPEAL
Secretary: Mrs D Smith,
The Cedars,
Banbury Lane,
Banbury, Tarporeley,
Cheshire CW6 9QU.

TINY TOWN BREAKERS
Secretary: Ms R Young,
The Cedars, Banbury Lane,
Tarporeley, Cheshire CW6 9QU.
Thurs, 8pm, British Legion.

CLEVELAND

24 CLUB
c/o Marine Hotel,
Seaton Carew,
Hartlepool,
Cleveland.
Wednesday.

CLEVELANDS' RADIO 16 BREAKERS
PRO: Little Mole,
PO Box 29,
Stockton-on-Tees,
Cleveland.

INVITATION BREAKERS CLUB
Secretary: Lady Bird,
Yorkshire Dragon,
Mabley In Cleveland,
Sues, 8pm.

THE NORTH TEES BREAKERS CLUB
Chairman: John Walker,
c/o Club Fiesta,
395 Norton Road,
Stockton-on-Tees,
Cleveland.
Mons, 8pm.

SKELTON SKYLINERS BREAKERS CLUB
Chairman: Stilligon,
26 Linden Road,
Brotton, Seltburn,
Cleveland TS12 2ND.
Sats, 7.30 pm, North Skelton WMC.

UK CLUB DIRECTORY

SOUTH TEES DXING CLUB
Secretary: Steven Maloney,
73 Tawney Road,
Eston,
Cleveland.

STABLE BAR BREAKERS CLUB
Secretary: Damon Female,
29 Glabe Gardens,
Easington, Cleveland TS13 4NF.
Thurs, 8pm, Stable Bar.

CORNWALL

THREE MILE BREAKERS CLUB
PR: S. Bennett,
Bondell, Carthew Way,
St Ives, Cornwall.

TRANSWORLD SIDEBANDERS
UK Controller: SID,
PO Box 8,
St Ives PE17 4JF.

CO DURHAM

5-0 BREAKERS CLUB
Chairman: Moonraker,
82 St Barbaras' Walk,
Newton, Aycliffe,
Co Durham, (3145711).
Alt Weds, British Legion Club.

AFFILIATED TRUCKERS CLUB
Secretary: ATC,
122 Bruca Glasier Terrace,
Shotton Colliery,
Co Durham.

BA20
PRO: Huggy Bear,
c/o BA20 CB Accessories,
Railway St, Auckland,
Co Durham,
Alt Thurs, Binchester Hotel.

DERWENT VALLEY BREAKERS
PRO: Romeo 2,
c/o 10 Prospect Terrace,
New Kyo, Stanley,
Co. Durham.

HAWKER CITY BREAKERS CLUB
PR: The Professor,
32 Nosbit Road,
Peterlee,
Co Durham.

HUGGY SHACK BREAKERS
PRO: The Butcher,
70 Northlea Road,
Northlea Sesham,
Co Durham SR7 0DN.
Weds, 7.30, The Duke Of Wellington.

LAW BREAKER CITY CB CLUB
PR: Malcolm Proud,
49 Appleton Crescent,
Willington, Co Durham.
Alt Thurs, Crook Cricket Club.

NOISY CITY BREAKERS CLUB
PRO: Rasputin,
70 Surtees Street,
Darlington,
Co Durham DL3 6PR.

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Chairman: Hedgehopper,
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Bondgate, Darlington.
Alt Sats, 7.30 pm.

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Chairman: Bartly,
Hare & Greyhound,
Durham Road,
Bowburn, Durham.
Mons 8pm.

SEDGEFIELD BREAKERS CLUB
Secretary: Bill Bayston,
4 Pine Ridge Avenue,
Sedgefield,
Co Durham TS21 3EF.

WEARDALE BREAKERS CLUB
Chairman: Red Salmon,
4 Gordon Terrace,
Wolsingham,
EIP Auckland, Co Durham.

CUMBRIA

BARROW CB CLUB
Chairman: G. Gordon,
Soccer Bar Social Club,
Walney Road,
Barrow-in-Furness,
Cumbria.

BORDER CITY BREAKERS
PR: P. Casey,
PO Box 33,
Carlisle,
Cumbria.

COUNTY BREAKERS ASSOCIATION
Chairman: Ginger Tom,
12 Leconfield,
Cleator Moor,
W Cumbria.

EDEN VALLEY BREAKERS CLUB
President: Napoleon,
'A'iaast', Hilton,
Appleby, Cumbria.
Alt Suns, 8pm, Grapes Inn, Appleby.

HAZARD COUNTY BREAKERS
Secretary: Rocket Man,
High Park,
Parkside Road, Kendal.
Alt Weds, Brewery Arts Centre.

JUNCTION 40 CLUB
Secretary: Nightman,
9 Pennine View,
Newbiggin, Nr Penrith.
Alt Tues, RAFA.

ULVERSTON BREAKERS CLUB
Secretary: Steve Hook,
c/o The Sun Hotel,
Market Street,
Ulverston, Cumbria.

DERBYSHIRE

99 CLUB
PR: Big Foot,
c/o Shades Night Club,
Stalybridge,
Derby.

CANYON BREAKERS
Secretary: C7,
94 Houghton Road,
Bolsover,
Chesterfield.
Weds, 7.45pm, Hillstown Miners Welfare,
Hillstown.

CAPITAL BREAKERS CLUB
Secretary: Crystal,
c/o OPTA,
138 Elton Road,
Derby.

DOVE VALLEY TRUCKERS CBC
Chairman: Captain Beaky,
Sudbury Services,
Sudbury,
Derby DE6 5GX.

GREAT BRITAIN INTERNATIONAL DX CLUB
Chairman: Keith Hook,
PO Box 30,
Derby DE1 1AG.

NORTH EAST DERBYSHIRE 10-4 CLUB
Vice Chairman: I.S. Buckland,
c/o The Shoulder Of Mutton,
Hardstoft, Nr Pilsley,
Chesterfield, Derby.
Weds, 8pm.

RED CAT 14 BREAKERS CLUB
Vice Chairman: T.A. Watson,
Red Lion, Derby Road,
Sandiacre,
Derbyshire.

SPA TOWN BREAKERS
Chairman: Tom Brewer,
c/o Midland Hotel,
Peak Dale,
Buxton.

WCBC
Secretary: Mrs G. Patrick,
1 Saxton Avenue,
Heanor,
Derby.

DEVON

BUNKER BREAKERS CLUB
Secretary: Silver G,
100 Babbacombe Road,
Torquay, Devon.
Weds, 8pm, Courtlands Hotel.

MOORLAND RIDERS CB CLUB
Secretary: Match Box,
Monts Cafe & CB Centre,
Liverton,
S. Devon.

PLYMOUTH PORT CITY BREAKERS SOCIAL CLUB
Chairman: Neighbour,
21 Lockyer Road,
Mutley, Plymouth.
Sun, 7pm, Fiesta.

PORT CITY BREAKERS CLUB
PR: Mr D. Wood,
39 West Down Road,
Beacon Park,
Plymouth PL2 3HF.

WOOL RIDGE BREAKERS
Chairman: Peter Webster,
9 Whitehall Close,
South Melton,
Devon EX36 4EQ.

DORSET

BEACHCOMBERS BREAKERS ASSOCIATION
Secretary: A. Naughton,
c/o 3 Thursby Road,
Highcliffe, Christchurch,
Dorset BH3 5PA.

BOURNEMOUTH INDEPENDENT BREAKERS ASSOCIATION
PRO: Papermate,
c/o Coach House Hotel,
Ferndown, Dorset,
Tues, Coachhouse.

CLUB BREAKERWAY
PR: Gramana,
2a Rossmore Road,
Upper Parkstone,
Poole, Dorset BH2 3NH.
Mons, 7.30pm, Flights Refuelling Sports
and Social Club,
Merley Park, Wimborne.

DORSET ASSOCIATION OF BREAKERS
PR: G. Jarrett,
c/o 123 Hasler Road,
Canford Heath,
Poole, Dorset.

DORSET NOB BREAKERS CLUB
Secretary: Happy Angel,
3 Barr Lane,
Burton Bradstock,
Bridport, Dorset DT6 4PX.

PURBECK ONE-NINE CLUB
Secretary: Daphne Ferne,
134 Northmoor Way,
Wareham, Dorset BH20 4BG.

THREE COUNTIES BREAKERS CLUB
Secretary: Foxy Lady,
48 Fairley Crescent,
Gillingham,
Dorset.

WATERBABIES BREAKERS CLUB
Secretary: Twikki,
17 Furzey Road,
Upton, Poole.
Weds, 8.00 pm, Mariner, West Quay.

THE WEYMOUTH CB CLUB
Chairman: Ray Howes,
Flat 1, 29 St Thomas Street,
Weymouth, Dorset.

WEYMOUTH & DORCHESTER 40 CH CLUB
Secretary: Sue Brackley,
PO Box 13,
Weymouth,
Dorset.

ESSEX

ASSOCIATED BREAKERS CLUB
Secretary: Blue Bird,
c/o 53 Hipling Towers,
Romford, Essex.
Mons, 8.00 pm, Cricketers, Hornchurch.

BASILDON BREAKERS ASSOCIATION
Chairman: Skolar,
PO Box 20,
Basildon, Essex.
Suns, 8pm, Van Gogh.

BAT BREAKERS (UBA)
Vice-President: D. Nairn,
15 South Parade,
Canvey Island, Essex.

BEECH BREAKERS CLUB
PR: Power Hammer,
123 Willingale Road,
Loughton, Essex.
Suns, 7.30pm, Blacksmiths Arms,
Thornwood Common, Nr Epping, Essex.

BRAINTREE BREAKERS CLUB
Chairman: CB Ona,
c/o 118 Manor Square,
Braintree, Essex.
Alt Weds, 7.30pm, Lake&Elliot Social Club.

CANVEY ISLAND BREAKERS
Vice-President: D. Nairn,
15 South Parade,
Canvey Island, Essex.

CB50
Secretary: Tool Box,
21 Rutland Road,
Chelmsford CM1 4BL.
Weds, 8.30 pm, Borsham.

CO AX MELTERS CLUB OF ENGLAND
Secretary: Dave Nairn,
150 Smallains Avenue,
Canvey Island, Essex.

CORRINGHAM AND STANFORD BREAKERS ASSOCIATION
Secretary: P. Yallop,
22 Dock Road, Tilbury,
Essex RM18 7PT.

CRANHAM HORNCURCH UPMINSTER BREAKERS (CHUB)
PR: Lazy Rider,
c/o 103 Roseberry Gardens,
Cranham, Upminster,
Essex.

EAST COAST BREAKERS ASSC
Tartan House,
Frating,
Nr Colchester.
(7.30 pm first Sunday each month)

FLEET TOWN BREAKERS CLUB
Chairman: Blus Dragon,
28 Mall Road,
Tollesbury, Essex.
2nd Thurs, 8pm, Hope Public House.

GOLDEN GATE BREAKERS CLUB
Secretary: Tim Nalsbett,
c/o The Devo Restaurant,
Cliff Road, Dovercourt,
Harwich, Essex.
Tues, Devo Restaurant.

KENT & ESSEX BREAKERS ASSOCIATION
Secretary: Angel,
24 Mill Lane,
West Thurrock,
Grays, Essex.

QUAKER BREAKER CLUB
Secretary: Pinball Queen,
c/o Waggon & Horses,
East Street,
Saffron Walden, Essex.
Weds, 8pm, Waggon & Horses.

R.I.G.B.I.E.
Secretary: Golden Shot,
Meat: Railway Hotel,
Dagenham,
Tuesday Evas.

RIVER CITY BREAKERS CLUB
Chairman: Big-D,
38 Worcester Road,
Burnham-On-Crouch,
Essex.

ROMFORD NET CHANNEL 39 UKFM
PR: Chris Lee,
316 High Road,
Chadwell Heath,
Romford, Essex.

SABRE JUNIOR BREAKERS CLUB
Chairman: Ien Chopperfield,
44 Highfields, Gt Yeldham,
Nr Halstead, Essex CO9 4QQ.
Fris, 7.30pm, Gt Yeldham Reading Room.

SOUTH OCKENDON BREAKERS ASSOCIATION
Secretary: Wildcat,
The Troubadour,
Broxburn Drive,
South Ockendon, Essex.

UBA (ESSEX)
Chairman: Ted Chaneler,
24 Bryony Close,
Witham, Essex.

WESTCLIFF BREAKERS CLUB
Chairman: C Hull,
54 Glenwood Avenue,
Westcliff-on-Sea,
Essex.

ZEBRA COUNTY BREAKERS
PR: Winnie The Pooh,
c/o The Post Office,
Sible Hedingham,
Essex.

GLOUCESTERSHIRE

CAMELOT BREAKERS
Secretary: Frao Whaelar,
67 Fairmead,
Cam,
Gloues, GL11 6JS.

CHELTHENHAM BREAKERS ASSOCIATION
Chairman: John Baxter,
c/o The Crown & Cushion,
Bath Road,
Cheltenham, Glos.

THE CITIZENS BAND ASSOCIATION (CBA)
President: James Bryant,
16 Church Road,
St Marks Road,
Cheltenham, Glos G161L.

DEAN FOREST BREAKERS CB CLUB
PR: A.E. Griffin,
Bream Rugby & Social Club,
High Street, Bream,
Lydney, Glos.
(05941) 68230.

MALVERN BREAKERS ASSOCIATION
PR: CB Bear/The Duke,
PO Box 16,
Malvern WR14 4RR.
Weds, 8pm, Gandolfi, Hanley Swan, Malvern.

TIMER TOWN BREAKERS
Chairman: Superstud 1,
Holly Hill Cottage,
Valley Road, Cinderford,
Gloucs GL14 2PA
Weds, 7.30pm, Bilson Inn.

VALLEY BREAKERS STROUD
Secretary: Hattersley,
24 Highfield Road,
Stroud GL5 1ES.

HAMPSHIRE

10-38 KETTLE KLUB
Secretary: Ivor The Engine,
PO Box 24,
Kidsborough,
Hants.

40 CHANNEL BREAKERS
Secretary: Lady Talisman,
c/o 57 Bridgemary Road,
Bridgemary, Gosport,
Hants.
Weds, 7.30pm, Hoeford Inn.

AIRWAVES BREAKER CLUB BOURNEMOUTH
Secretary: Furcoat,
89 Rochester Road,
West Howe, Kinson,
Bournemouth.
Weds, 8pm, Bluebirds Social Club Longham.

BANDIT DX CLUB
President: A.G. Turnbull,
27 Bicton Walk,
Warren Park, Havent,
Hants PO9 4NA.
Fris & Sons The Hide PH, Weycock Farm,
Cowplain.

BIG A BREAKERS CLUB
c/o: Maureen and Len Cutler,
244 Lyndhurst Avenue,
Ticas Meadow,
Aldershot, Hants.

BUTSE BREAKERS CLUB
Chairman: Atomic Rooster,
52 Murray Road,
Horndean, Portsmouth.
Mons, 8.00 pm, Red Lion Chalton.

MEON VALLEY BREAKERS CLUB
4 Lawrence Road,
Fareham, Hants.
Alt Mons, Rownar Recreation Centre.

NEW FOREST CB CLUB
Secretary: Shella Rice,
12 Westcott Road,
Holbury, Hants.
1st Tues each month.

POPLEY BREAKERS CLUB
Secretary: Black Widow,
29 Puttenham Road,
Sharfield Park, Chineham,
Nr Basingstoke, Hants.
(0256 5481)

SOUTHAMPTON BREAKERWAY 79 CLUB
PR: J C Jordon,
93 Outer Circle Alderbrook,
Southampton,
Hants SO1 6GX.

SOUTHAMPTON CB CLUB
Chairman: Damon Driver,
497 Romsay Road,
Matbush, Southampton,
Hants SO1 9GQ.

SOUTHAMPTON CB EXPERIMENTAL CLUB
Chairman: J. Finch,
6 The Orchard,
Bassett Green Village,
Southampton.

SOUTHAMPTON CRUMB SNATCHERS
Secretary: Little Boy Blue,
7 Middle Road,
Sholing, Hants.
ITel. 0703 448095).

TEST VALLEY BREAKERS CLUB
Secretary: Happy Devil,
PO Box 27,
Andover, Hants SP10 2NG.
Mons & Thurs, Meadow Club.

TOAD HALL BREAKERS
Chairman: Arabian Cowboy,
c/o Roundabout Hotel,
Wallington Shore Road,
Fareham, Hants.

VICTORY BREAKERS
Chairman: The Rebel,
77 Dairhurst Crescent,
Paulsgrove,
Portsmouth, Hants.

WARTER WAY BREAKERS
Chairman: Woodcutter,
64 Picket Close,
Fordingbridge,
Hants.
Churchill Arms, Alldorholt.

HEREFORDSHIRE

BOOKTOWN BREAKERS CLUB
Chairman: Green Apple,
83 Wyaside,
Hay-on-Wye, Hereford.
Suns, 8.30pm, The Granary PH.

WYE VALLEY BREAKERS CLUB
Secretary: Mother Goose,
106a East Street,
Hereford HR1 2LW.
Thurs, 8pm, Priory Hotel, Stretton Sugwas.

HERTFORDSHIRE

BARNET BREAKERS CLUB
Secretary: November 1,
c/o Discount CB,
148a East Barnet Road,
New Barnet, Herts.
Sun, 8pm, Barnet Football Club.

BRICKET BREAKERS CLUB
Watford Component Centre,
7 Langley Road,
Watford, Herts.

BROWN BOTTLE BREAKERS
PRO: City Boy,
Newsdesk,
c/o 18 Springfield Road,
St Albans, Herts.
Mons, Baton PH & The Hall (rear British
Legion, St Albans).

DIAMOND BREAKERS CLUB (STEVENAGE)
Secretary: Mrs P. Gregory,
16 West Close,
Stevenage,
Herts SG1 1PW.

HEMEL HEMPSTEAD BREAKERS CLUB
Secretary: Heather Rutt,
2 Crofts Path,
Hemel Hempstead,
Herts.

**HERTS CITIZEN BAND RADIO
ASSOCIATION**
Chairman: Keith Palmer,
P O Box 37,
Potter Bar,
Herts EN6 2AZ.
(77 44236).

HUMBERSIDE

BEVERLEY HILLS BREAKERS CLUB
Secretary: Solitaire,
c/o Beverley Hills Discotheque,
Norwood, Beverley,
N Humberside.
Alt Mons, 8pm.

BIG TOP BREAKERS
Secretary: Milky Way,
5 Council Villas,
Helton Ross, Barnetby,
S Humberside.
Fris, 8pm, St Barnabas Church Hall,
Barnetby.

BRIDGETOWN BREAKERS
PR: Desperate Dan,
c/o Phoenix Social Club,
Hessle Road, Hull,
N Humberside.

CITIZENS' BAND BREAKERS CLUB
Chairman: Dutchy,
9 Ashtree Close,
Immingham,
South Humberside.

DAWN BREAKERS CLUB
Chairman: Dixie Raver,
c/o 44 David Street,
Grimsby,
South Humberside.

DIXIE ACTION
Chairman: Nympho,
c/o 31 Bluestone Lane,
Immingham, Grimsby,
S Humberside.

DIXIELAND BREAKERS
Secretary: Silver Bullet,
PO Box 25,
Grimsby, S Humberside.
Alt Mons, 'S & S' (S...t and Showell),
S Killingholme.

DOWNE TOWN BREAKERS
PR: Bootlegger,
67 George Street,
Snaith, Nr Goole,
N Humberside.

EASTSIDE BREAKERS CLUB
Chairman: Pipebender,
c/o The Silver Moon Club,
Chamberlain Road,
Hull.

FISHTOWN FOXHUNTERS
Chairman: Dennis Beadham,
133 Yarborough Road,
Grimsby, South Humberside.
Alt Suns, Etherington Arms.

FISHTOWN INDEPENDENT BREAKERS
President: CU12,
c/o Lynton Hotel,
Alre Street, Goole,
Cleathorpes, S Humberside.

GOOLE CB ASSOCIATION
Secretary: Wheels,
c/o Lowther Hotel,
Alre Street, Goole,
N Humberside.

LA BREAKERS
Chairman: Midget Man,
Unit 13, Carlton Industrial Estate,
Hawthorn Avenue, Hull.
(0482 227130).
Alt Weds, Lockwood Arms.

MAYFLOWER BREAKERS
Secretary: Aunt Sally,
Immingham,
S Humberside.

STEELTOWN BREAKERS
Secretary: Suzi Q,
c/o 12 Keelby Road,
Scunthorpe,
S Humberside DN17 2ND.
Mons, 8pm, The King Henry.

THE WESTPOINT BREAKERS
Secretary: Dave Kemp,
c/o The Ferryboat Inn,
Hesala,
North Humberside.

ISLE OF MAN

ISLE OF MAN CB CLUB
Secretary: J. Dalrymple,
Lower Ballaclucas Farm,
Marown, Isle of Man.

ISLE OF MAN CITIZENS' BAND CLUB
Chairman: Big Daddy,
PO Box EV 77,
Douglas.

MANX CB CLUB
Chairman: K P Allison,
66 Heather Crescent,
Pulrosa, Douglas

10M NORTHERN BREAKERS
Secretary: Gravedigger,
PO Box 19,
Ramsey, Isle Of Man.
Mons, 7pm, Grand Island Hotel.

KENT

ADDINGTON BREAKERS CLUB
Chairperson: Babycham,
c/o Biggin Hill Country Club,
Biggin Hill, Kent.

ECHO MIKE BREAKERS CLUB
Chairman: Builder Man,
17 Catlyn Close,
East Malling,
Kent ME19 8RX.
Sun, 8.30pm, The Rising Sun.

EAST KENT BREAKERS ASSOCIATION
PRO: A.A. Jemmett,
PO Box 81,
Canterbury,
Kent CT1 2XG.

FM EMERGENCY MONITORS (THAMES)
Coordinator: A.L. Howard,
56 Playstool Road,
Newington,
Sittingbourne, Kent.

THE GARDEN OF ENGLAND DX CLUB
Secretary: Lady Go-Diver,
The Beckets,
Southborough Lane,
Bromley, Kent.
Mons, 8pm.

GHOST TOWN BREAKERS
Chairman: Straw Dog,
33 Gooson Road,
Horne Bay, Kent.
Mon Bun Penny.

LEMA TANGO SIDEBAND CLUB
PR: Kim Mendozs,
21 Longfield,
Tenterden,
Kent.

LILLY PAD BREAKERS CLUB
PRO: Basil Fawley,
Woodies Discotheque,
Shaerness, Kent.
Weds, 8.00 pm.

MARKET TOWN BREAKERS CLUB
Secretary: Clay Pigeon,
PO Box 2,
Ashford,
Kent.

MID KENT CB CLUB
Chairman: Collin McKay,
18 High Street, Charing,
Ashford, Kent.

MKCBC
Chairman: Wheeler Dealer,
22 The Broadway,
Maidstone, Kent.
Mon, The Orchard Spot, Bearsted.

**SOUTH LONDON ASSOCIATED BREAKERS
27 (SLAB 27)**
Chairman: Clockwork Orange,
Walling.

SPIRETOWN BREAKERS
Chairman: Dusty Bin,
36 Church Lane,
Calow, Chesterfield.

STAR GATE DXers
PR: Dragonfly,
Canterbury Road,
Harna Bay, Kent.

TUNBRIDGE WELLS CB ASSOCIATION
Secretary: Polar Bear,
PO Box 38,
Tunbridge Wells,
Kent TN2 3DG.
Mons, 8pm, Robin Hood.

**UNITED KINGDOM CITIZENS BAND
CAMPAIGN**
Chairman: Bernia Murray,
32 Downbank Avenue,
Barnehurst, Kent DA7 6RP

UNITED KINGDOM CB FEDERATION
PR: Steve Parry,
97 Hook Lane,
Welling, Kent.
ITel. 303 0979 or 658 0127).

WEST MALLING BREAKERS
Secretary: M. Woodward,
c/o The Clubhouse,
The Airfield Club,
Westmalling, Kent.

WHITE CLIFFS BREAKERS ASSOCIATION
Secretary: Blue Jon,
PO Box 13,
Dover, Kent CT16 1UA.

LANCASHIRE

99 CLUB
PR: Sae Cat 1,
Shades Night Club,
Grosvenor Street,
Stalybridge, Nr Manchester.

ABC (ASSOCIATED BREAKERS CLUB)
Chairman: Eric Openshaw,
Dill Electrics,
528 Lever Edge Lane,
Bolton, Lancs.
Mons, 7.30, Aquarius Club.

ATHERTON BREAKERS CLUB
Chairman: Handball,
11 Ramsey Close,
Atherton, Nr. Manchester,
Lancs.

BACK ROAD BREAKERS
President: Rolling Thunder,
c/o Liberal Club,
Garstang, Nr Preston,
Lancs.

BURY BREAKERS CLUB
Chairman: Cooperman,
3 Wash Lane,
Bury, Lancashire BL9 6AS.
(061 797 0799).
Tues, 8pm, Turf Hotel.

CANYON BREAKERS
Chairman: Iceberg,
25 Newchurch Street,
Rantestall,
Rossendale BBA 7QX.

CINDERELLAS BREAKERS CLUB
Chairman: Eric Harrison,
1 Nether View,
Wenningford, Nr Lancaster,
Lancashire LA2 8NP.
Alt Tues, 8.30pm, Melling Hall Hotel.

CLOGTOWN BREAKERS
Secretary: Sex Kitten,
c/o 33 Pondie Court,
Astley Bridge,
Bolton BL1 6PX.

CLOGTOWN CLAYPIT BREAKERS CLUB
Secretary: Compo,
c/o 22 Romiley Crescent,
Brightmat, Bolton,
Lancs.

UK CLUB DIRECTORY

COPY CATS CLUB

Martholme Grange,
Altham, Accrington,
Lancs.

**FLIXTON, URMSTON, & DAVYHULME
GOOD BUDDIES ASSOCIATION**
PO Box 2,
164-166 Corn Exchange Buildings,
Manchester 4.

GBA

Chairman: Bob,
Coronation Service Station,
Middleton Road,
Heywood, Lancs.

LAMBS OF PRESTON

Chairman: G. Hilton,
14 Nutter Road (??),
Preston,
Lancs PR1 8SA.

MONKEY TOWN BREAKERS

Secretary: Mermald,
c/o Victoria Hotel,
Church Street,
Heywood, Lancs.
Weds, 8.30pm, Victoria Hotel.

MONKSVILLE BREAKERS

Secretary: Lady C,
27 Queen Street,
Whalley, Nr Blackburn,
Lancs.
Mons, Spring Mill, Langmo.

MOON BASE ALPHA BREAKERS CLUB

PRO: Blue Can,
2 Newton Road,
Billinge, Nr Wigan,
Lancashire WN5 7LA.
(0744 894982).
Alt Mon, 8.30pm, Eagle and Child.

MOONRAKER JUNIOR BREAKERS

PR: Orihtar,
17 Lizmar Terrace,
Moston, Manchester M9 1WG.

NEWTOWN BREAKERS CLUB

Chairman: Tattoo,
14 Cornbrook,
Holland Moor 2,
Skelmersdale, Lancs.
Tues, 8.00pm, Quarry Bank Club.

NORTH MANCHESTER CB CLUB

Pro: Blaster Bates,
Belmont Hotel, Middleton Road,
Crumpeall, Manchester 8.
(Meet alternate Mondays, 8pm)

NORTH WEST BREAKERS ASSOCIATION

c/o 8 Longhill Walk,
Moston,
Manchester M10 9NT.

OPEN CHANNEL CB CLUB, PRESTON AND DISTRICT

(Formerly Preston CB Club)
Chairman: F.W. McKeown,
Secretary: S.J. Battersby,
17 Coronation Street,
Blackburn, BB1 6BS.

OVER WYRE BREAKERS

PRO: Alligator Station,
Fearnhill Hotel,
Park Lane, Pateshall,
Nr Blackpool, Lancs.
Thurs, Fearnhill Hotel.

RIBBLE BREAKERS ASSOCIATION

Chairman: D. Cusack,
95 Hennial Lane,
Walton Le Dale,
Preston PR4 6LE.

SADDLESWORTH BREAKERS CLUB

Chairman: Man In A Suitcase,
51 Gladstone Terrace Road,
Greenfield, Nr. Oldham.

SOUTH MANCHESTER BREAKERS CLUB

Chairman: R2D2,
'El Pateo',
Stratford Arndale Centre,
Stratford, Manchester.

SOUTH WEST LANCs BREAKERS CLUB

PR: Dutchman,
169 Windrows,
Skelmersdale, Lancs.
Mons, 8pm, Rainford Labour Club.

TELFORD CB RADIO CLUB

Chairman: P. McGuinness,
192 Bishopdale,
Brookside, Telford.

UBA (NE)

Chairman: B.D. Low,
53 Mayfield Avenue,
Lancaster.

WEST COAST BREAKERS

Secretary: Charlie Girl,
61 Woodvale, Darwen,
Lancashire BB3 1LT
Suns, 8pm, Infirmary Pub.

WYRE BREAKERS CLUB

PR: Ironside,
Thornton La Fyde,
Lancs. (Call Ch 27)

LEICESTERSHIRE

BIRSTALL CB SOCIAL CLUB

Chairman: Ironrose,
c/o Birstall Social Club,
Wanlip Lane, Birstall,
Leicester.
Tues, 7.30pm, Birstall Social Club.

HART OF ENGLAND CB CLUB

Secretary: Mrs S.K. Wilson,
58 Clarendon Road,
Hinckley,
Leicestershire.

HINCKLEY BREAKERS CLUB

Secretary: Miles Richardson,
8 Gladstone Close,
Swallows Green,
Hinckley, Laics.

LEICESTERSHIRE CB'ers

Chairman: Crapshooter,
c/o Modern Motoring Ltd.,
68 Narborough Road,
Leicester LE3 0BR.

NORTH WEST LEICESTERSHIRE BREAKERS CLUB

Secretary: Speedbird,
c/o 57 Wood Street,
Ashby de la Zouch,
Leics LE6 6EL.

REYNARDS BREAKERS CLUB

PR: Rhythm Rocker,
PO Box 149,
Leicester.
Weds, 8.00pm, New Inn, Enderby.

RHUSHEY MEAD BREAKERS

Chairman: Red Hammer,
13 Salkirk Road,
Leicester.
Tues, 7.30pm, Fosse Way Hotel.

SOAR VALLEY BREAKERS

PR: D. Wiltshire,
30 Castle Road,
Mountsorrel,
Loughborough, Leics.

LINCOLNSHIRE

BATTERY TOWN BREAKERS

PRO: Knight Templar,
Market Harborough,
Channel 21.

CATHEDRAL BREAKERS CLUB

Secretary: Jim Curry,
60 Middlebrook Road,
Lincoln LN6 7JU.

CHURCH TOWN BREAKERS CLUB

Chairman: Master Bullder,
Stamford,
Lincs.

GAINSBOROUGH BREAKERS ASSOCIATION

Secretary: Malcolm Spencer,
c/o Marshalls Social Club,
Gainsborough,
Lincs DN21 1UU.
Alt Suns.

GRANTHAM BREAKERS ASSOCIATION

Secretary: The Listener,
8 Parklands Drive,
Harlaxton, Grantham,
Lincs LN32 1HX.

HEREWARD BREAKERS CLUB

Chairman: Douglas Hall,
South Farm Cottages,
School Lane, Edenham,
Lincs.

NATIONWIDE BREAKERS CLUB

Secretary: Yankee Doodle,
Tentercroft Street,
Lincoln.

STUMP TOWN BREAKERS

Chairman: Mike D'Arcy,
Gate House, Redcap Lane,
Boston, Lincolnshire.
(0205 60409).
Alt Fri, 8pm.

SUPERCHARGER BREAKERS CLUB

Secretary: Peanuts,
17 Lancaster Drive,
Coningsby, Lincs.
Thurs, 7.30pm, Coningsby Community Hall.

TOM THUMB BREAKERS CLUB

Chairman: Black Ball,
c/o The Ship Inn,
Horncastle,
Lincolnshire.

TOYTOWN BREAKERS CLUB

Chairman: Thunderbird 2,
60 High Street,
Blyton, Gainsborough,
Lincs DN21 3JY.

VALLEY TOWN BREAKERS

Secretary: Mald Marion,
c/o The Ship & Horns,
Louth, Lincs LN9 6ET.

LONDON

10-4 CLUB,

Secretary: Ian Leslie,
BN/10.4
London WC1.

A40TC

Chairman: Battery Man,
Park Royal Hotel,
Hanger Lane,
London W5.
Mons, 8pm.

ACE BREAKERS CLUB

Secretary: 240 Robert,
Pelton Arms (Wednesdays, 8pm),
Pelton Road, Greenwich,
London.

BIG E CLUB

PRO: Rubber Plant,
Davonshire Hall,
Davonshire Hill Lane,
Tottenham, London N17.

CITIZENS BAND INFORMATION CENTRE

Bill Ridgeway,
7 Sandringham Crescent,
Harrow, Middlesex HA2 9BW.

CITIZENS BAND RADIO ACTION GROUP

Chairman: Steve James,
65 Dartmouth Road,
Forest Hill SE23.

CMT DXING CLUB

PRO B Huldreth,
PO Box 36,
Greenwich,
London SE13
Mons, 8pm, Pelton Arms.

CRIS

Director: Louise Briscoa,
65b Brook Drive,
Southwark,
London SE11 4TU.

EXCLUSIVE 32 CLUB

PR: Stateaide,
129 Forest Lane,
Forest Gate,
London E7.

HARROW AND WEMBLEY CB GROUP

Secretary: David Hughes,
26 Greenway,
Kenton,
Middx HA3 0TT.

NORTH LONDON BREAKERS ASSOCIATION

Chairman: Paul Smith,
6 Granville Road,
Childs Hill,
London NW2 2LJ.

NORTH LONDON BREAKERS CLUB

WILDESSEN BRANCH (CLUB 14)
Chairman: Star Rider,
8 Granville Point,
Granville Road,
Childs Hill, London NW2 2LJ.
Thurs, 8pm, Spotted Dog.

SOUTH LONDON BREAKERS CLUB

Chairman: Whiskey One,
c/o The Tennessee Club,
267 The Broadway,
London SW19.
Weds, 8pm, Tennessee Club.

STREATHAM BREAKERS CLUB

Chairman: Nut Job,
133 Glensagle Road,
London SW16 6AZ.
Yearly eyeballs, notified by post.

UNITED BREAKERS ASSOCIATION (UBA)

Chairman: Andy Donovan,
50 Gaskell Street,
Clapham SW4.

MERSEYSIDE

ALPHA BRAVO CHARLIES

PRO: ABC,
3 Valley Road,
Liverpool 4.
Weds, 8pm, Cabbage Hall.

APOLLO CB CLUB

Secretary: The Hool,
Apollo Social Club,
Pasture Road,
Moreton Wirral,
Merseyside.
Mons, 8pm.

ASSOCIATION OF MAGHULL BREAKERS

PR: High Wire,
69 Vacthr Hey,
Netherley,
Liverpool.

BOTTLE CITY BREAKERS

Secretary: Barry Hatton,
22 Robinson Place,
St Helens,
Merseyside.

GRASS COURT BREAKERS CLUB

Secretary: Small Fry,
14 Winston Avenue,
Newton-le-Willows,
Merseyside.

HEAVY LOAD BREAKERS ASSOCIATION

Hon Sac: Bobcat,
Huyton Area,
Liverpool.
(Call CH 19).

LIVERPOOL BREAKERS ASSOCIATION

Chairman: Sunseeker,
c/o 72 Ashfield,
Wavertree,
Liverpool 16.

MERSEYSIDE 27 CLUB

PRO: Golden Eagle,
c/o 34 Micklefield Road,
Liverpool 16.

ODBC

Secretary: Robot,
c/o 21 Prestbury Road,
West Darby,
Liverpool 11 3DU
Thurs, 7.30pm, Brewers Arms, Carr Lane.

ST HELENS CB CLUB

33 Broadway,
Grange Park,
St Helens,
Merseyside.

WIRRAL CB ASSOCIATION

Secretary: T. Soager,
76 Neaton Gardens,
Birkenhead,
Merseyside L41 8AZ.

WIRRAL CB ASSC CLUB

Secretary: Pat Soars,
31 Belgrave Street,
Liscard, Wallasey,
Merseyside L44 1BP.

MIDDLESEX

AIRMAN BREAKERS CLUB

President: Sidewinder,
c/o The Airman,
Hanworth Road,
Faltham, Middx.
Mons, 8pm.

HEART OF OAK BREAKERS CLUB

Now the HOBO BREAKERS
PR: Scarlet Lady,
c/o The Albert,
Steines Road West,
Sunbury, Middlesex.

HEATHROW BREAKERS

Chairman: Captain Scarlet,
7 Rosemary Avenue,
Hounslow West,
Middlesex.

NORFOLK

BORDER BREAKERS CLUB

PR: Heathcote,
c/o Cathedral Garage,
Weybread, Harleston,
Norfolk.

CANARY CITY BREAKERS CLUB

Secretary: John Fuller,
1 Bussey Road,
Norwich NR6 6JE.
First Tues each month, Ebenezers Freehouse,
Salhouse Road, Norwich.

KINGS LYNN BREAKERS CLUB

Chairman: Cannonball,
3 Harcroft Parade,
Kings Lynn,
Norfolk PE30 2BU.
Frie, Kings Lynn Speedway Track.

LAKENHAM BREAKERS CLUB

PRO: Yellow Crane,
c/o 18 Huxley Close,
Lakenham,
Norwich NR1 2JS.

MID NORFOLK BREAKERS CLUB

Secretary: Electric Frog,
18 Darwin Walk,
Littlefields, East Dereham,
Norfolk.
Alt Tues, Breakers Yard.

NORTH WALSHAM BREAKERS CLUB

PRO: W.M. Hurren,
Bankside, Lower Street,
Southpans, Norwich,
Norfolk NR11 8UB.

NORWICH SOCIAL BREAKERS CLUB

PR: Dragonfly,
c/o 30 Bassingham Road,
Norwich.

WEST NORFOLK BREAKERS CLUB

Chairman: Maonraker,
7 Queen Elizabeth Avenue,
Kings Lynn, Norfolk PE30 4BY.
Alt Fris, 8pm, Fairstead Community Centre.

NORTHANTS**BOOMERANG BREAKERS CLUB**

Chairman: Trade Plate,
The White Lion,
Moulton,
Northampton.

CORBY TOWN BREAKERS CLUB

Secretary: White Knight,
44 Cransley Gardens,
Corley, Northants.

DAVENTRY BREAKERS CLUB

Chairman: Gavin Foster,
33 The Wye,
Daventry.

DAVENTRY BREAKERWAY RUBBER DUCKS

Secretary: Hot Neon,
c/o 2 Waveney Close,
Daventry,
Northants.

HELP 9 NORTHANTS

PR: G.J. Austin,
c/o 239a Wellingborough Road,
Northampton.
24 hrs Emergency Monitoring.

NORTHAMPTON BREAKERS CLUB

PRO: Santa,
400 Obelisk Rise,
Northampton.
(0804 38790 daytime).

NORTHUMBERLAND**CONCRETE CITY BREAKERS**

Chairman: White-Line-Willie,
32 Exeter Close,
Cramlington,
Northumberland.

CRAMLINGTON BREAKERS CLUB

Chairman: Mighty Mouse,
c/o Shankhouse Central Social Club,
Clifton Road, Cramlington,
Northumberland.
Alt Fris, 7.30pm.

SIMON SIDE BREAKERS

Chairman: Mound Dog,
Royal Lady Hotel,
Rothbury, Morpeth,
Northumberland.

NOTTINGHAMSHIRE**AIRWAVES INTERNATIONAL**

BREAKERS CLUB
Secretary: Chris McGee,
47 St Albans Road,
Bullwell, Nottingham NG8 9JQ.
Weds, 7.30pm, Newstead Abbey PH,
St Albans Rd, Bullwell.

AMBER VALLEY BREAKERS CLUB

PR: Trapper J,
46 Market Place,
Ironville, Notts NG16 5NJ.
Leabrooks 602126 for details.

BREAD AND LARD ORIGINAL BREAKERS

(BLOB)
PR: Heavy Spanner,
Test Match Hotel,
Gordon Squares,
West Bridgeford,
Nottingham.

BULWELL AND HUCKNELL

BREAKERS CLUB
Secretary: Mrs C. Willetts,
14 Thorndale Road,
Stockhill, Basford,
Nottingham.

CARLTON & LANGOLD UNITED BREAKERS

Secretary: Hawker 1,
13 Cragston Road,
Carlton-In-Lindrick,
Nr Worksop, Notts S81 9NG.
Weds, Coethorpe Social Club.

DIXIE TOWN BREAKERS CLUB

PR: Valentine,
c/o Festival Inn,
Trowell,
Notts.

GENERAL BREAKERS CB CLUB

PR: Foxfur,
15 Redmill, Rendlesham Way,
Balloon Woods, Nottingham.
Suns, 7.30pm, The Old General,
Radford Road.

HUCKNALL WELFARE BREAKERS CLUB

PR: Screwdriver,
Hucknall & Linby Miners Welfare,
Portland Road, Hucknall,
Nottingham.

INDEPENDENT TOP VALLEY CB CLUB

Secretary: The Coachman,
c/o Bestwood Lodge Hotel,
Bestwood Lodge Drive,
Arnold, Notts.

LEAPOLD BREAKERS CLUB

PR: Urban Cowboy,
c/o The Maid Marion,
Copica Road, Arnold,
Nottingham.

MANSFIELD EXECUTIVE BREAKERS CLUB

Secretary: Adrian Wagstaff,
82 Bagshaw Street, Pleasley,
Mansfield, Notts. (Man. 810089).
Weds, 8.45pm, Brown Cow Pub.

NACB CLUB

Chairman: K.J. Stabler,
14 Wilford Crescent West,
The Meadows,
Nottingham.

NEWARK BREAKERS CLUB

Secretary: Shady Lady,
23 Wolsey Road,
Newark,
Notts.

NORTH NOTTS BREAKERS

Secretary: J.H. Stanley,
4 Farm Grove, The Paddocks,
Thalvesdale Lane,
Worksop, Notts.

NORTH NOTTS CHARITY BREAKERS

Secretary: Sweepy,
40 Eldon Street,
Tuxford, Newark,
Nottinghamshire.

NOTTINGHAM INDEPENDENT BREAKERS

Secretary: Bad Hat,
PO Box 84,
Nottingham NG2 4DU.
Thurs, 8pm, Wilford Moderns Rugby Club.

REDHILL RADIO BREAKERS CLUB

PR: J. Towriess,
c/o The Ram Inn, Mansfield Road,
Redhill, Nottingham.

TRENT BREAKERS

c/o Darnak Marina,
Gunthorpe,
Nottingham.

TV CLUB

Secretary: Little Bo,
PO Box 7,
Long Eaton,
Nottingham NG10 2DB.

OXFORDSHIRE**ABINGDON GAOL BREAKERS**

Chairman: Skywave,
62 Woodlan Road,
Abingdon, Oxfordshire.

CHILTERN ORGANISED BREAKERS

SOCIETY
Chairman: Centipede,
Mon, 8pm, Chilton Club, Chilton Village,
Oxon.

QUARRY BREAKERS CLUB

Hedington,
Oxford.
(Oxford 65975)

THAMES VALLEY BREAKERS

PRO: The Truckee,
Wheatley Bridge Hotel,
(Thursdays, 8pm),
Wheatley, Oxon.

WHITE HORSE BREAKERS CLUB

Chairman: P Bailey,
c/o 51 Springfield Road,
Wantage, Oxon OX12 8EY.
Fris, 8.30pm, Challow Country Club.

SHROPSHIRE**BREWERY TOWN BREAKERS**

Secretary: Mrs S. Holliday,
Flat 5, 50 High Street,
Wom, Shropshire.

SEVERN CITY BREAKERS CLUB

PR: Southern Comfort,
PO Box 2,
Shrewsbury.

SOMERSET**CATHEDRAL CITY BREAKERS CLUB**

PR: Colin Birch,
2 Barryman Court,
Lathbridge Road,
Wells, Somerset.
Thurs, Fountain Inn.

CBA SW

Chairman: D.J. Bennet,
7 Woakey Hole Road,
Wells, Somerset.

CHOPPERTOWN BREAKERS

Chairman: Flying Tiger,
72 Rivers Road,
Yeovil, Somerset BA12 6RJ.
Alt Suns, Liberal Club Yeovil.

CIRCLE CITY BREAKERS CLUB

PR: T.C. Masters,
8 Easthams Road,
Crawkerne,
Somerset TA18 7AQ.

SOLE CITY BREAKERS CLUB

Chairman: Palnterman,
c/o The British Legion,
Farm Road, Street, Somerset.
Alt Thurs, 7.30pm.

SOUTH SOMERSET BREAKERS (SSB)

Secretary: Tokyo Rosa,
c/o 19 Vincent Street,
Yeovil,
Somerset.

WEST SOMERSET BREAKERS

Chairman: Black Dog,
c/o The Red Lion Hotel,
Minehead, Somerset.
Suns, Red Lion.

STAFFORDSHIRE**BROWNHILLS BREAKERS CLUB**

PR: Steelman,
c/o The Huntsman,
Lichfield Road,
Brownhills.

BURTON AND DISTRICT RADIO CLUB

Chairman: D. Allen,
6 Roeliston Road, Stepenhill,
Burton-On-Trent, Staffs.

CENTRAL ENGLAND BREAKERS

ASSOCIATION
PR: Medicine Man,
41 Humphries Road, Low Hill,
Wolverhampton, West Midlands.
Tues, 8pm, Staffordshire Volunteer,
Collinswood Road.

CHINATOWN BREAKERS

PR: Moody Blue,
54 Oxford Road,
Penkthull,
Stoke-on-Trent, Staffs.

FOREST PARK BREAKERS CLUB

PR: Birdman,
1 Tor Street, Sneyd Green,
Stoke-on-Trent, Staffs.
Alt Tues, Sneyd Arms.

FOUR ACES BREAKERS CLUB

Secretary: Karen Laud,
76 Riverway, Measham,
Burton-On-Trent, Staffs.
Mons, 7.30pm, Green Man,
Clifton Campville.

MERCIA BREAKERS CLUB

Secretary: Silver Lady,
30 Madrona, Amington,
Tamworth, Staffs.
Alt Weds, 8.00pm, Oak Hotel, Fazaley.

QUIET BREAKERS CLUB

Chairman: Zulu,
Stallington Lane, Blyth Bridge,
Stoke-on-Trent, Staffs.
Alt Mons, 7pm, The Social Club.

SIERRA KILO

Secretary: Dave Adams,
7 Swallow Close,
Rugeley,
Staffs.

TAMWORTH AND TAME VALLEY CB CLUB

Chairman: Pickpocket,
Beltry Hotel, Wishaw,
Nr Tamworth.

THREE STYX BREAKERS CLUB

Secretary: Rommel,
24 Farndale Road,
Lichfield, Staffs WS13 9DJ.
(064 32 62978).
Alt Thurs, 7.30pm, Enats Sports &
Social Club.

UTTOXETER BREAKERS CLUB

Secretary: Whisky Lady,
26 Westlands Road,
Uttoxeter,
Staffs.

SUFFOLK**ANGLIA BREAKERS CLUB**

The Great White Horse Hotel,
Travern Street,
Ipswich, Suffolk.
(7.30pm, second Sunday each month)

BURY CITIZENS BAND CLUB

Secretary: Shady Lady,
Ripley House Hotel,
Northgate Avenue,
Bury St Edmunds,
Suffolk.

CONTAINER TOWN BREAKERS CLUB

Chairman: Bobcat,
14 Undercliff Road,
West Felixstowe.

JOLLY BREAKERS CBC UK

Secretary: Ely May,
10 Viburnum Green,
Lowestoft, Suffolk.
Suns, 7.30pm, The Crown.

NESS POINT CEE BEE CLUB

Chairman: M.A. Thacker,
77 Ship Road,
Lowestoft.
Meet at Oulton Broad Sporting Club,
Thursday nights.

NEWMARKET/SUFFOLK CB CLUB

Golden Lion Hotel,
High Street,
Newmarket,
Suffolk.

SUFFOLK EARS

PRO: Mike Braband,
c/o Bel-Ray Lubricants,
Tomo Industrial Estate,
Stowmarket, Suffolk.
24 Hrs Emergency Monitoring.

SURREY**F-100 BREAKERS CLUB**

Chairman: The Decorator,
c/o 17 Longbourne Green,
Farncombe, Surrey.
Fris, 8pm, The Squirrel.

BIG BEN QSL CLUB

President: Jim Glavin,
14a Bridge Street,
Godalming, Surrey GU7 5HY.

BREAKERS TOWN CB CLUB

Secretary: Plaxton,
c/o Stanley Club,
Stanley Road,
Carshalton, Surrey.

BREAKERS YARD CB CLUB

Secretary: Lightfoot,
Carshalton, Surrey.
Mon, 7.30pm, The St Helier Arms.

BRITISH CONCORDE QSL CLUB

President: Julie Newbold,
187 Walton Road,
East Molesey,
Surrey KT8 0DY.

BUGS BUNNY GIVE US A NINE CLUB

Hand in Hand,
Boxhill Road,
Boxhill, Surrey.
Thursdays, 8pm.

G-FORCE

Secretary: Judith Styles,
273 Park Road,
Kingston-Upon-Thames,
Surrey KT2 6LW.
Mon, Malden Manor Pub.

GODALMING AREA BREAKERS

Secretary: Queen of Hearts,
c/o The Freeholders,
Farncombe, Godalming,
Surrey.
Fris, 8pm.

HAPPYTOWN BREAKERS CLUB

PRO: Firecracker,
146 Connaught Road,
Brookwood, Nr Woking,
Surrey.

KINGSTON GROUP BREAKERS

President: Apollo 13,
45 Portland Road,
Kingston, Surrey.
Mons, British Oak, Richmond Road,
Kingston-on-Thames.

MOLESEY OPEN BREAKERS

Royal Oak, Molesey.
Weds, 8pm.

NORTH LEAMINGTON CB CLUB

Chairman: Supertramp,
c/o The New Binswood Tavern,
Rugby Road, Milverton,
Leamington Spa.

UK CLUB DIRECTORY

SOUTHERN BREAKERS CLUB
Secretary: Swinger,
3 Glenavon, Yateley,
Nr Camberley, Surrey.
Suns, 7.30pm, The Hawley Hotel.

WOKING CENTRE BREAKERS
Secretary: The Argonaut,
c/o The Jovial Sailor,
Ripley,
Surrey.

SUSSEX

BIG FOUR CLUB
Secretary: Steve Barker,
40 Brunswick Square,
Hove BN3 1EF,
East Sussex.

BRITISH SIDEBAND NETWORK
Chairman: A. Vickers,
15 Carman Walk,
Broadfields, Crawley,
West Sussex.

CB BACKPACKERS
Chairman: Kevin Jones,
95b Marina,
St Leonards-On-Sea,
East Sussex TN38 0BL.

COUNTY TOWN BREAKERS
Secretary: Mother Goose,
29 Hereward Way,
Old Malling Estate,
Lewes, Sussex.
Cleos Club, Malling Street.

EASTBOURNE BREAKERS
PR: O. Bonnici,
c/o Wheels,
35 Clarence Road,
Eastbourne, Sussex.

GOLF LIMA MOBILE LOWBAND DX CLUB
Chairman: Streetfighter,
3 Alderbrook Cottages,
Stone Cross Road,
Crowborough, East Sussex.
Fri, Crow & Gate.

HARBOUR BREAKERS CLUB
Secretary: M.F. Lynch,
The Harbour Tavern,
Transit Road,
Newhaven, Sussex.

HASTINGS BREAKERS
Secretary: Kevin Jones,
c/o 95b Marina,
St Leonards-On-Sea,
East Sussex TN38 0BL.

SEAFOOD BREAKERS
PR: Cod Catcher,
c/o The Beachcomber,
Dane Road, Seaford,
Sussex.
Alt Thurs.

SQUARE WEALD BREAKERS
PR: Wombat,
Fox & Hounds,
Haywards Hoath, Sussex.
(Meet 8pm, Thursdays).

TYNE & WEAR

BEACH BREAKERS
Secretary: Calamity Jane,
147 Westoe Road,
South Shields,
Tyne & Wear.
Tues, 7.00pm, New Crown Hotel.

CB-NE
Chairman: Ian Morrison,
89 Hareydene,
Newcastle,
Tyne & Wear NE6 4QH.
(0632-862900).

WEST END BREAKERS
Chairman: Night Owl,
6 Warwick Road,
West Denton,
Newcastle-on-Tyne.

WHITE CITY BREAKERS CLUB
Chairman: Misty Mover,
Rockcliff RFC,
Whitley Bay, Tyne & Wear.
Thurs, 7.30pm.

WARWICKSHIRE

EAST COVENTRY CB CLUB
Chairman: M.P. Harris,
280 Blackberry Lane,
Wyken, Coventry,
Warwickshire.

HARTSHILL CB CLUB
(Shakeytown Breakers)
Chairman: D.S. Alched,
c/o Conservative Club,
Chapel End, Nuneaton, Warks.

NEW YORK CBC
Secretary: Pigeon,
c/o The Holly Bush,
Bond Gate, Nuneaton.
Thurs, 8.30pm.

NORTH COTSWOLD CB CLUB
Secretary: Scott Lewis,
25 Greenhill Street,
Stratford-Upon-Avon,
Warwickshire.

POSH TOWN BREAKERS
Secretary: Red Baron,
30 Springfield Road,
Attleborough, Nuneaton,
Warwickshire.

SHAKEY TOWN BREAKERS
Secretary: S. Collins (Miss),
The Maudsley Social Club,
Great Ave, Nr Alcester,
Stratford-upon-Avon.

SQUARE FOUR CB CLUB
Chairman: R.M. Kemp,
90 St Leonards View,
Polesworth,
Warwickshire.

**WARRINGTON & LEAMINGTON
CB ORGANISATION**
Chairman: Racer,
PO Box 6,
Leamington Spa CV32 6SB.

**WARWICK AND LEAMINGTON JUNIOR
BREAKERS ASSOCIATION**
Chairman: R. Chamberlain,
39 Millbank, Warwick,
Warks CV24 5TH.

WHITNASH AND DISTRICT CBC
Secretary: Ollie Canty,
10 The Cottage,
Tachbrook Street,
Leamington Spa, Warwicks.

WEST MIDLANDS

ALPHA 5 CBRC
Secretary: P. Mason,
30 St Andrews Avenue,
Palsall,
Walsall WS3 4EN.

ANVIL CB CLUB
Chairman: Mother's Pride,
8 Cradley Park Road,
Netherton, Dudley,
West Midlands.
Tues, 8pm, Five Ways Hotel.

BLACK COUNTRY BREAKERS
Chairman: Goldfish,
c/o 21 Spring Hill,
Birmingham B18 78H.

BORDERLINE BREAKERS CLUB
Chairman: Serviceman,
13 York Crescent, Darlaston,
West Midlands WS10 8JJ.
Meet Moxley Arms weekly.

BROOKVALE BREAKERS CLUB
Secretary: Diane Clews,
137 Wyatt Road,
Sutton Coalfield,
West Midlands B75 7ND.
(021 329 2379).
Sun, 7.30pm, Brookvale Pub.

BSA CLUB
Chairman: Ziggy Stardust,
c/o 23 Henry Road,
Yardley,
Birmingham B25 8AH.

**CAMPAIGN FOR BRITISH CITIZENS BAND
(CBCB)**
Chairman: Keith Townsend,
1163 Yardley Wood Road,
Birmingham B14 4LE.

**CENTRAL ENGLAND BREAKERS
ASSOCIATION**
PR: Cruiser,
c/o Club Lafayette,
Thornley Street,
Wolverhampton.

CITY OF BIRMINGHAM EYEBALL CLUB
Secretary: Argonaut,
96 Bristol Street,
Birmingham 5.

FIVE POOLS BREAKERS CLUB
PR: Daytons,
Hagley And Blakelown,
Stourbridge, W Midlands.

JUNIOR BREAKERS CLUB (COVENTRY)
Chairman: Mark Cleaver,
Clifford Bridge Road Scout HQ,
Clifford Bridge Road, Coventry.

LAZY ACRE BREAKERS
Secretary: Goldfinger,
32 Ebrington Avenue,
Solihull,
West Midlands B92 8HU.

LEA ORE CB RADIO CLUB
Secretary: S.M. Heighton,
c/o Ye Olde Trooper,
Harden Road, Leamore,
Walsall, W Midlands.

MAIN LINE BREAKERS CLUB
Secretary: Spaddy,
c/o Saracens Rugby Club,
Bredon Avenue,
Ernesford Grange, Coventry.

MCBRC
Chairman: R. Hopkins,
85 Allens Lane,
Pelsall, Walsall,
West Midlands.

NORTH BIRMINGHAM CB CLUB
Secretary: Bob Barber,
58 Foulmere Road,
Great Barn,
Birmingham B24 2EA.

OPEN CHANNEL CLUB COVENTRY
Chairman: B.R. Glay,
87 Sedgemoor Road,
Coventry CV3 4EA.

PELSALL GOOD BUDDYS CLUB
Secretary: Zona Master,
Old Bush, Pelsall,
Walsall.

REDHILL BREAKERS
Secretary: Linda Longhurst,
18 Redhill House,
Halescroft Square,
Northfield, Birmingham.
Weds, Athol Social Club.

SANDWELL AREA CB CLUB
PRO: Karen Hocknull,
4 Baldwin Close,
Tividale, Wareley,
West Midlands.

SKY BLUE CITIZENS BAND CLUB
Chairman: Tony Beard,
74 Hartlepool Road,
Coventry.
Mons, Coventry City Football Club.

SKY BLUE CITIZENS BAND RADIO CLUB
Secretary: Sandra Witter,
3 Howat Road,
Keresley Road,
Coventry CV7 8JN.
Mons, 8pm, Sky Blue FC Supporters Club,
Highfield Road.

SOUTH BIRMINGHAM CBC
Chairman: P. Jacques,
23 Prince Of Wales Lane,
Yardley Wood, Birmingham B14 4LB.
(021 474 8325).
Fortnightly, Solihull Civic Hall.

WEST BROMWICH CENTRAL BREAKERS
Foresters Arms,
Kelvin Way,
West Bromwich,
West Midlands.

WKCBC (COVENTRY)
Chairman: M. Dunter,
125 North Street,
Coventry.

WILTSHIRE

HALFWAY BREAKERS
Secretary: Butterfly,
12 Moot Lane,
Downton, Salisbury,
Wilts.

JACKDAW CITY BREAKERS
Secretary: Pacemaker,
The Rose and Crown,
Lea, Nr Malmesbury,
Wilts.
Alt Suns, Rose & Crown.

LIDEN & ELDENE BREAKERS
PRO: Rollerskater,
28 Park Lane,
Swindon,
Wiltshire.

NORTH DORSET BREAKERS
Secretary: Anes,
c/o 11 Highworth,
Wiltshire, Swindon,
Wiltshire, Swindon,
Monthly Wills, Hunters Lodge.

NORTH WILTS DX CLUB
Secretary: K.C. Williams,
20 Willow Avenue,
Swindon.

SWINDON CB CLUB
Chairman: Dave Broadbridge,
23 Alcock Close,
Toothill, Swindon,
Wilts SN5 8DF.

THAMESDOWN TRANSCEIVER CLUB
Chairman: D. Porter,
44 Belsay,
Toothill,
Swindon.

WESSEX OPEN CHANNEL CLUB
Secretary: Aunt Sally,
PO Box 108, Melksham,
Wiltshire SN12 7RH.
Alt Tues, Melksham House.

WHISKEY MIKE MIKE CLUB
Secretary: Babycham,
PO Box 11,
Calne,
Wilts SN11 0HD.

WORCESTERSHIRE

DROITWICH CB CLUB
Secretary: H.A. Bott,
16 Miller Street,
Droitwich,
Worcs.

KIDDERMINSTER SOCIAL BREAKERS
Chairman: Girbil,
Churchfields, Kidderminster.
Tues, 8 pm, Kidderminster Social Club.

KING CHARLES HAMMERS CBC
Secretary: Jungle Bunny,
PO Box 38,
Worcester.

NEWTON BREAKERS CLUB
Chairman: Dean The Dick,
16 Abbarley Close,
Church Hill, Redditch.
Tues, 8pm, Book & Candle.

REDDITCH AREA CB CLUB
Secretary: L. Gazely,
c/o Reins Bungalow,
Oak Tree Lane,
Sambourne, Worcs.

SIERRA DELTA INTERNATIONAL DX GROUP
Founder: Gary,
PO Box 9,
Stourport-on-Severn,
Worcestershire DY13 8QN.

SQUARE WHEELS BREAKERS CLUB
Chairman: Firefighter,
The Fox Inn,
Edward Street,
Redditch.

STOURPORT ON SEVERN BREAKERS CLUB
Chairman: Compass,
c/o Old Anchor, Worcester Road,
Stourport-On-Severn, Worcs.

WYE FOREST BREAKERS
Chairman: C. Cox,
19 Chowson Pleck,
Chowson Estate, Droitwich.

YORKSHIRE

AIRE VALLEY BREAKERS
Secretary: Ms C. Cardwell,
53 Albert Road,
Salfaire, Shipley,
W. Yorks.

ATTIC BREAKERS CLUB
Chairman: Rally Man,
7 Rickaby Close,
Bridlington,
East Yorks YO16 5BP.
Alt Thurs, 8pm, 'The Attic'.

BANDTOWN BREAKERS CLUB
Chairman: Gladiator,
c/o Grove Hotel,
Eiland Road,
Brighouse, West Yorks.
(0484 716534).
Tues, 8.30pm.

BIG H LUDDITES
Secretary: D.A. Jappy,
6 Fieldhouse Road,
Huddersfield HD1 6NX.

BLACK HOLE BREAKERS CLUB
Secretary: Pete Dyson,
24 Abbeyfield Road,
Dunscroft, Doncaster,
S. Yorks.

BRAITHWELL RIG AND TWIG CLUB
Secretary: Wild Honey,
10 Revill Close,
Maltby S66 8BQ.

BRAMLEY AND DISTRICT BREAKERS CLUB
President: Shanty Man,
201 Leeds And Bradford Road,
Bramley, Leeds 13.

CARPET BAGGERS AM & FM CLUB
Chairman: Green Man,
79 Willow Drive,
Odsal, Bradford,
West Yorkshire BD6 1EE.
(0274 672669).
Thurs, 8pm, Pile Bar.

CB & BRINSWORTH BREAKERS CLUB

Chairman: Weather Man,
71 Sunny Benk Crescent,
Brinsworth, Rotherham,
South Yorks.

CB 007 BREAKERS CLUB

Secretary: The Kid,
Windmill Night Club,
Rotherham, S Yorks.
Tues, 7.30pm, Windmill Night Club.

CB SEARCH AND RESCUE UK

Nat Co-ordinator: Kenneth Elbourne,
13 Hastings Road,
Wakefield,
W Yorks WF2 7JZ.

CHANTREY BREAKERS CLUB

PR: Mousey,
134 Fraser Road,
Sheffield B.
Thurs, 8pm, Big Tree Hotel, Chesterfield Rd.

CIRCLE CITY BREAKERS

PR: Silver Sixpence,
13 Carr Hill Grove,
Calverley,
Leeds.

CODLAND ALBION BREAKERS CLUB

Secretary: Big-D,
c/o Albion Club,
Kirkleatham Street,
Redcar, Cleveland.

CREST

Secretary: Crest 2,
68 Monkswood Hill,
Leeds 14,
Tues, 8pm, Gate Hotel.

DERWENT BREAKERS CLUB

Chairman: J Moore,
142 Denison Road,
Pocklington,
Yorks.
Fria, 8.30pm, Squirrels.

DIAMOND BREAKERS CLUB

Secretary: Crackerjack,
c/o 7 Hutton Drive,
South Elmshall,
Pontefract, W Yorks.

DINNINGTON AND DISTRICT

BREAKERS CLUB
Secretary: Lady S,
26 St James Avenue,
South Anston, Sheffield.

DOCKLANDS BREAKERS CLUB

Secretary: A. Cooke,
8 Gifford Street,
Middlesbrough,
Cleveland.

DON VALLEY BREAKERS

282 Eccleshall Road,
Sheffield S11 8PE.

EARTH QUAKE CITY BREAKERS CLUB

PR: Bonke Lou,
DL 71, Rotherham Record,
Regent House,
Rotherham.

FIVE BRIDGES BREAKERS CLUB

Secretary: Mrs P. Roberts,
Heptonstall WMC,
(Wednesdays, fortnightly),
Hebden Bridge, W Yorks.

FRIENDLY BREAKERS FAMILY CLUB

Secretary: Lady Rome,
c/o North Walsall Working Mens Club,
Essex Street, Walsall.
Thurs, 7.30pm.

HAMLET BREAKERS

Chairman: Green Arrow,
24 Croft Close,
Easingwold, York.
Alt Mons, Royal Oak.

HORNBLOWER OPEN CHANNEL CLUB

PR: Red Baron,
c/o 65 North Street,
Ripon, Yorkshire.

JOURNEY END BREAKERS

Chairman: Yellow Mac,
Escrick Social Club,
York.

MALTBY CAMPAIGNERS FOR OPEN

CHANNEL RADIO
Chairman: Mr M. Ironmonger,
14 Shaftsbury House, St Anna Flats,
Rotherham, S Yorks S65 1AX.

MILKTOWN BREAKERS

Secretary: Speedbird,
31 Kennedy Avenue, Fixby,
Huddersfield, W Yorks.
Sun, Vanity Fair Disco, Bradford Road.

NORTHERN ASSOCIATION OF CB CLUBS

PR: John Herdy,
19 Lings Lane, Hatfield,
Doncaster, S Yorks.

NORTHERN BREAKERS ASSOCIATION

Secretary: Silver Dream,
Low Moor Working Mens Club,
Huddersfield Road,
Low Moor, Bradford.
Fria, 8pm.

PIRATES CBC

Chairman: Monster,
Halfway, Sheffield.
Thurs, 8pm, The Mill.

PUDSEY FM CB RADIO CLUB

President: R. Moneagle,
54 Harley Drive,
Swinnow, Leeds LS13 4QZ.

SLAB TOWN BREAKERS CLUB

Secretary: Captain Scarlet,
7 Parkwood Avenue,
Beeston, Leeds 11.
Thurs, 8pm, East & West Ardsley
Social Club, Bradford Road.

SOUTH YORKSHIRE BREAKERS CLUB

President: Rubber Duck,
21 Jewitt Road,
Kimberworth Park,
Rotherham, S Yorkshire S61 3HQ.
Wed, 8pm, Tiffany's.

STAG TOWN BREAKERS CLUB

Secretary: A. Cooke,
8 Gifford Street,
Middlesbrough,
Cleveland.

STAINCROSS BREAKERS CLUB

Chairman: A. Walmesley,
Staincross Hotel,
Barnesley,
Yorks.

STEEL CITY AIR PIRATES (SCAP)

Secretary: Gas Burner,
95 Crowder Avenue,
Longley, Sheffield S5 7QL.
Tues, 7.30pm, The Fairfield Inn,
Neapsend Lane.

TANGO FOXTROT BREAKERS

Chairman: Signwriter,
4B Holt Dale Lawn,
Leeds 16, Yorkshire.
Weds.

TRENTSIDE BREAKERS CLUB

PR: Spangles,
Moss Villa, Belton,
Nr Doncaster.

TWIN TOWN BREAKERS HIGH

NUMBERS CLUB
Chairman: Red Ranger,
3 Athol Square,
Norton, Malton,
Yorks.

UNITED BREAKERS NATIONAL

PR: Boxcar Willie,
2 Park Way,
Keighley BD21 5NJ,
W. Yorks.

VIKING BREAKERS

PR: Hazardous Chef,
PO Box 6,
York.
(0904 794509).
Alt Sat, 12 midday, Ainsty Hotel.

WETHERBY DISTRICT BREAKERS CLUB

Secretary: D.M. Moment,
9 Norfolk House,
Wetherby, West Yorks.

WHITE ROSE BREAKERS

Secretary: Lump Hammer,
14 Lown Hill,
Acornb, Yorks.
Third Thurs, 8pm, Melbourne Hotel.

WOOL TOWN BREAKERS CLUB

Secretary: Fishtank,
The Old Cobbler,
Thornhill Lees,
Dewsbury.

WORTH VALLEY BREAKERS CLUB

Secretary: The Beast,
2b All Saints Terrace,
Highfield Lane,
Keighley, West Yorks.
Tues & Thurs, Irish Club.

YORKSHIRE ELITE BREAKERS

PR: 2 Plus 2,
Fairway Inn,
Birley, Sheffield.

WALES

CLWYD

CLWYD VALLEY BREAKERS ASSOCIATION

Secretary: Moonlight,
Rose Cottage, Derwen,
Nr Corwen, Clwyd.

27 COASTLINE BREAKERS

PR: Mike Curtis,
PO Box 24,
Rhyl, Clwyd,
N. Wales.

DYFED

AMMAN VALLEY BREAKERS CLUB

Chairman: Happy Harry,
c/o 28a Lon-y-Felin,
Garnswilt, Ammanford,
Dyfed.
Thurs, Pine Trees Country Club.

BIG A CB CLUB

Secretary: Mystery Woman,
1 Penglais Farm Cottage,
Clarach Road, Aberystwyth.
Weds, Marine Hotel.

BIG C CLUB '80

Secretary: Unit One,
c/o Dominix PS14,
The Market, Carmarthen,
Dyfed.
First Tues, Red Lion, Llanyfaelog.

GLEDDAU BREAKERS

Secretary: Axel Tramp,
10 Goldwell Terrace,
The Green, Pembroke,
Dyfed.
Alt Mons, 8pm, Cromwalls Kitchen.

GWENDRAETH VALLY 14 CLUB

Secretary: Silver Pearl,
'Odin', Gorse Road,
Upper Tumble, Llanelli,
Dyfed.

LLANDEILO 14 CLUB

Secretary: Curly Tops,
Gofar-Glas,
Mees-Y-Bont, Llanelli,
Dyfed SA 14 7HH.

LLANDYBIE BREAKERS CLUB

Chairman: The Pipe Band,
90 Caecod Llandybie,
Ammanford, Dyfed,
South Wales.
Mons, 7.30pm, Red Lion.

LLANELLI CBC

PR: Dodger,
14 Goradd,
Llwynwilwg,
Llanelli, Dyfed.

LLANELLI & DISTRICT BREAKERS CLUB

Secretary: Diamond Lady,
40 Colehill Terrace,
Llanelli, Dyfed.

MERLIN CITY BREAKERS

Secretary: Melody Man,
43 Ash Grove,
Carmarthen,
Dyfed SA 13 3PZ.

MOONRAKERS BREAKERS CLUB

Chairman: S.P. Duncan,
40 Larch Road,
Milford Haven,
Dyfed.
Mons, 7pm, The Avondale.

SANDERSFOOT & DISTRICT

BREAKERS CLUB (SAD)
Secretary: A.M. Morgan,
14 Ryelands Place,
Kilgetty, Dyfed SA68 0UX.

TOMBSTONE BREAKERS

Secretary: Cherry Brandy,
Cafan Farm, Blaencillech,
Newcastle Emlyn, Dyfed.
Alt Thurs, 8pm, Blue Bell Inn,
Newcastle Emlyn.

WHEELSPIN BREAKERS

Chairman: Captain Birdseye,
Croft House,
East Williamson,
Tenby, Dyfed.
Alt Thurs, 8pm.

GLAMORGAN

BARRY BREAKERS CLUB OF WALES

PR: Neoni,
10 Carmarthen Close,
Merthyr Dyfan,
Barry, Glamorgan.
Alt Suns, 7.30pm, Hotel International.

CARDIFF AND DISTRICT BREAKERS CLUB

Secretary: G. Kemp-Philip,
80 Richards Terrace,
Roath, Cardiff.

CUL-DE-SAC BREAKERS CLUB

Chairman: J.G. Pritchard,
18 Alexandra Road,
Pontycymmer, Nr Bridgend,
Mid-Glamorgan, South Wales.
Thurs, Charter Club.

DIXIELAND BREAKERS

Secretary: Chris Probert,
52 Glyn Collen,
Pentwyn,
Cardiff.

GOWER BREAKERS CLUB

Secretary: Robert Shefford,
PO Box 12,
Swansea, W Glam.
Alt Mons, 8pm, OK Corral Surfing 20.

THE LIGHT BRIGADE CB CLUB

Chairman: Muppet Man,
4 Shrewsbury Avenue,
Trabanos, Porth Rhonda,
Mid-Glamorgan.

LOWER RHONDDA BREAKERS CLUB

Secretary: Steve Bradshaw,
40 Birchgrova Street,
Porth, Rhondda,
Mid-Glamorgan, South Wales CF39 9YA.
Alt Tues, 7pm, RAFA Club.

MID GLAMORGAN BREAKERS

PR: Sleeper,
c/o Golden Numbers CB Centre,
40 Wood Road,
Treforest, Pontypridd.

NEATH AND DISTRICT BREAKERS

Secretary: Cheryl Pike,
20 Newall Road,
Skawen, W Glamorgan,
Mons, Highbury Club, Neath.

PENARTH BREAKERS CLUB

Secretary: Lady Dee,
c/o Marconi Club,
Lavernock,
Nr Penarth.

RHONDDA BREAKERS CLUB

Secretary: White Lightning,
35 Shady Road,
Gelli, Rhondda,
S. Wales.

SANDRINGHAM BREAKERS CLUB

Secretary: Mr T. Morgan,
7 Mountain View, Tynawydd,
Traorchy, Rhondda Valley,
Mid-Glamorgan CF42 6LU.

SOUTH WALES ACTION TEAM

Secretary: Speedbird,
16 Lansley Park,
Talbot Green,
Pontyclun, S Wales.

SOUTH WALES BIG 10-4 CLUB

Chairman: Mike Lambert,
139 Manselton Road,
Manselton, Swansea,
West Glamorgan.
(0792 42371).
Weds & Thurs, Railway Club.

THREE FEATHERS SIDEBANDERS

Chairman: Alan O'Neil,
269 Ball Road,
Llanrnnay,
Cardiff.

TRIPLE CROWN BREAKERS

PR: Night Owl,
31 Heol Llan,
North Cornelly,
Bridgend, Mid-Glam.
Tues, 7.30pm.

WEST GLAMORGAN BREAKERS ASSOCIATION

Secretary: Mrs G. Bunce,
c/o The Dock Hotel,
Aberavon, Port Talbot,
West Glam.

WOOLY LAND NUTTERS CLUB

Chairman: Shopkeeper,
38 Aberpennar Street,
Darran-Las,
Mid-Glamorgan CF45 3LS.
Thurs, 8pm, The Cefn Pennar Inn.

10-100 ARTISTS CLUB

Chairman: Sooty,
The Landing Strip,
Cwmde,
Swansea.

GWENT

GWENT BREAKERS

Secretary: Swordfish,
c/o The Gladiator,
Pillmawr Road, Malpas,
Newport, Gwent.
Weds, 7.30pm, The Gladiator.

PONTYPOOL BREAKERS ASSOCIATION

Chairman: Derrick 'Evil' Hodges,
16 Poplar Avenue,
New-Inn, Pontypool,
Gwent.
(Pontypool 57317).

UK CLUB DIRECTORY

RIVERTOWN & DISTRICT BREAKERS CLUB

Chairman: Red Leader,
61 Bridge Street,
Gwent.
Alt Tues, Three Salmons Hotel.

GWYNEDD

CB CRUISERS CLUB

Secretary: H. Kendall-Jackson,
Brackenrigg, Gannock Park,
Deganwy, Llandudno,
Gwynedd, N. Wales.

CLWB TORRWYR Y DREF WLEDIG COUNTY TOWN BREAKERS CLUB

Secretary: Magneto,
Angorfa, Baptist Street,
Penygroes, Caernarfon,
Gwynedd LL54 6NU.

DRAGON BREAKERS ASSC

PR: The Cowboy,
c/o 70 Ffordd Lligwy,
Moelfre, Anglesey,
Gwynedd.

FREE BREAKERS CLUB

Secretary: Sky Walker,
PO Box 1,
Holyhead,
Gwynedd LL65 1LS.
Alt Mons, The Bull Hotel.

GWYNEDD BREAKERS CLUB

PRO: Ratchet,
8 Trinity Square,
Llandudno LL30 2RA.

HAZZARD COUNTY BREAKERS CLUB

PR: R. Grew,
88 Pendalar,
Llanfairfechan,
Gwynedd LL33 0RD.
Alt Mons, The Castle.

PEN LLEYN BREAKERS CLUB

Secretary: J. L. Court,
Llys-Y-Coed, Abersoch,
Pwllheli, Gwynedd.

POWYS

BEACON BREAKERS CLUB

Secretary: Video Star,
41 Uplands,
Bracon, Powys LD3 9HT.
(Bracon 3815).

BULLTOWN PIRATE'S AM

Chairman: The Hustler,
The White Horse Hotel,
High Street, Builth Wells,
Mid-Wales.
Sun, 4pm.

TOADTOWN BREAKERS CLUB

Secretary: Penguin,
29 Holcombe Drive,
Llandrindod, Wells.
Alt Suns, Llanerch Hotel.

NORTHERN IRELAND

ALIGNED CLUB OF DONERAILE

PRO: Mark Geary,
AC/DC, Craagh House,
Doneraile, Co Cork.

BRAVO DELTA INTERNATIONAL DX GROUP

Secretary: J.H. Mackey,
PO Box 3,
Ballyclare,
Co Antrim BT39 9PE.

CARLINGFORD LOUTH BREAKERS CLUB

Chairman: P.J. Rodney,
112 Clermont Gardens,
Warrenpoint BT34 3LH,
N. Ireland.

COASTLINE BREAKERS CLUB

Secretary: Texas Queen,
PO Box 4,
Carrickfergus,
Co Antrim BT38 7JA.

CRAIGAVON CB CLUB

Chairman: Steve Cairns,
Room 101, Country Club,
Craigavon.

EAST ANTRIM CB CLUB

PO Box 4,
Antrim,
Northern Ireland.

HELENS BAY CB RADIO CLUB

Chairman: Gary Jones,
10 School Avenue,
Rathgael Road,
Co Down, N. Ireland.

I-KILO AIFA INTERNATIONAL DX GROUP

President: J.A. Ward,
PO Box 1,
Kilkeel, Co Down.
Tues, 8pm, Kilkeel Town Hall.

KILO FOXTROT

Secretary: Streaker,
PO Box 6,
Carrickfergus,
Co Antrim, N Ireland.
Alt Weds, 8.30pm, Tourist Inn.

LAGAN VALLEY CB CLUB

Poste Restante,
GPO, Lisburn,
N. Ireland.

LAZY K RADIO CLUB

PO Box 55,
Portadown,
Northern Ireland.

NORTH SIDE BREAKERS

Chairman: Live Wire,
c/o Landsdown Court Hotel,
Antrim Road,
Belfast BT14.

QUEBEC SIERRA LIMA CLUB

PR: Allan,
PO Box 18,
Lisburn BT28 2LT.

RAINBOW BREAKERS CBRC

Secretary: Harry-O,
PO Box 56, Cookstown,
BT80 8AX, N. Ireland.

SIDEWINDERS INCORPORATED

Secretary: Rita Uroy,
PO Box 24,
Coleraine,
Co Londonderry.
Alt Tues, 8.30pm, Lodge Hotel.

SMOKECITY CB CLUB

Secretary: Sid Maguire,
113 Melona Avenue,
Belfast 9 8EQ.

TANGO SIERRA CB CLUB

Secretary: Blue Max,
15 Grattan Street,
Lurgan, Craigavon.
Co Armagh.

TUNNEL TOWN BREAKERS CLUB

PR: J.R. Millen,
PO Box 28,
Coleraine BT52 1NR.
Thurs, Village Tavern.

OVERSEAS

BREAKER ONE FOUR CLUB

Secretary: O.K. Corral,
Napier Barracks, BFPO 20.

HAMELN CB CLUB

Chairman: The Bodger,
Postfach 277,
3250 Hameln 1,
West Germany.

INTERNATIONAL CB CLUB OSNABRUCK

Chairman: Dave Mein,
Breslauer Strasse 25,
Osnabruck, 4610,
West Germany.

RHINE CUPPERS CB CLUB

Chairman: Sundowner,
RCCBC,
JHQ Rhinedhien,
BFPO 40.

SANDCASTLE QSL SWAP CLUB

Ian Shrader,
Box 187, Pacific Beach,
Washington 98571, USA.

SLEEPERS UNITED

Chairman: Neil Allan,
MT Troop, MQ SQN,
3 RTR, BFPO 16.

SCOTLAND

BORDERS

PEEBLESHIRE CB CLUB

Secretary: Bill Scott,
42 Old Town,
Peebles.

ROCK BREAKERS

Secretary: Red Feathers,
2 Sunderland Avenue,
Castlehill, Dumbarton.
Alt Tues, Denny Social Club.

CENTRAL

CENTRAL 27 BREAKERS CLUB

PR: A. Robert Millner,
c/o The Bruce Inn,
Nr Landmark,
Springkerse Road, Stirling.

FALKLAND & DISTRICT OPEN CHANNEL CLUB

PR: Joseph Bruce,
PO Box 15,
Falkirk FK1 1AA.

SCOTTISH TRUCKERS CLUB

Chairman: Brown Baron,
3 Cornton Crescent,
Bridge of Allan, Stirling.
3rd Sats, Bruce Hotel.

WEE BURGH BREAKERS

Chairman: Iron Man,
PO Box 14,
Allda, Clackmannanshire,
Scotland.

DUMFRIES & GALLOWAY

GRANITE CITY BREAKERS CLUB

PR: Boss Hogg,
c/o Burnside Hotel,
Dalbaeattle,
Kirkcudbrightshire.
Alt Weds.

RED AND BLUE BREAKERS CLUB

Secretary: Stephen Compton,
92 George Street,
Stranraer, Wigtownshire,
Scotland.

FIFE

AVANTI BREAKERS CLUB

Secretary: Saxon,
c/o Post Office,
Newton Of Falkland,
Cupar, Fife.
Alt Mons, Pitlessie Arms Hotel.

GOOD BUDDIES CLUB

Secretary: Gordon Grieg,
8 Gallacher Place,
Lumphinnans, Fife.

JOLLY RODGER CLUB

Secretary: Jim Thompson,
Pitcairn Road,
Cardenden, Fife.
Alt Suns, Ambassador Hotel.

GRAMPIAN

CHARLIE BROWN BREAKERS CLUB

Secretary: Cherry-B,
17 College Bounds,
Fraserburgh,
Aberdeenshire AB4 5JQ.

GRAMPIAN BREAKERS CLUB

Secretary: R.T. Strachan,
59 Jasmine Terrace,
Aberdeen.

GRANITE CITY CB CLUB

Secretary: W.D. McBain,
98 Forest Avenue,
Aberdeen.

MORAY BREAKERS CLUB

Secretary: Thunderbolt,
c/o Gearchange,
40-42 Moss Street,
Elain, Moray District IV30 1LT.

HIGHLAND

COUNTY AREA BREAKERS

Vice Chairman: Tony Blues,
4 Corbett Gardens,
Ardersier,
Inverness IV1 2RY.

MAC DX CLUB OF SCOTLAND

Secretary: The Pathfinder,
PO Box 43,
Inverness.
Tues, 8pm, The Hayloft.

ROCKY MOUNTAIN BREAKERS

PR: Gareth Evans,
36 Coyhill Road,
Ainesh.

THE ROUND WHEEL BREAKERS CLUB

Secretary: Babychem,
39 Lady Margaret Drive,
Fort William,
Inverness.

ROYAL T BREAKERS

Secretary: The Saint,
3 Manse Street,
Tain, Ross-shire.

LOTHIAN

CUCKOO LAND BREAKERS CLUB

Chairman: Lucky Eddie,
PO Box 2,
Penicuik.
Thurs, Nevaar Hotel.

EDINBURGH BREAKERS CLUB

Secretary: Karen Mowall,
c/o Sinatra's Lounge Bar,
St James Centre,
Edinburgh.
Mons, 8pm.

EDINBURGH CB RADIO CLUB

Secretary: Jim Martin,
22 Ross Gardens,
Edinburgh, EH9 3BR.

FORTH VIEW BREAKERS & DX CLUB

Chairman: Adam Hunter,
62/63 North Gyle Loan,
Edinburgh EH12 8LD.
(031 339 2515).
Tues, 8pm, Masonic Lodge, Kirkliston.

ROMAN ROAD JUNIOR CB CLUB

Chairman: Starfighter,
Youth Club Well Wynd,
Tranent, E. Lothian.
Mon, 7pm, Youth Club Tranent.

SNOWDRIFT BREAKERS

Secretary: Maggie May,
c/o Malleny Arms Hotel,
Balerno,
Lothian Region.

WESTSIDE BREAKERS

Chairman: Mr Fixit,
4/6 Dunsyre House,
33 Calder Crescent,
Edinburgh EH11 4JJ.
(031 453 2739).
2nd Fri, 7.30pm, Community Centre, Calder.

STRATHCLYDE

21 GOLD

Chairman: Daniel Hume,
311 Falliey Road,
Falliey, Clydebank.

A 78 CB BREAKERS CLUB

Secretary: Melody Maker,
Seaview, Station Square,
Wemyss Bay, Largs KA30 8JJ.
2nd Weds, 7.30pm, local school.

BEARSDEN & MILGAVIE CB ASSOCIATION

PR: K. Sutherland,
18 Second Avenue,
Beardsden, Glasgow G51 2LR.

BOULEVARD BREAKERS CLUB

PR: William Snell,
56 Kirkdale Drive,
Glasgow G52 1ET.

BURNS BREAKERS CLUB

Chairperson: Snow Queen,
3 Murray Street, Ayr.
Tues, Aftongrange Hotel.

CAMPAIGN FOR 27 MHz AM CBRC

PR: The Ambassador,
10 Lochneil Road,
Dunbeg, Connel,
Argyll PA37 1QJ.

CBA SCOTTISH REGION

Ron Warbrick,
10 Manse Road,
Stone House,
Lanarkshire.

CHINA TOWN BREAKERS

PR: The Vixen,
72 Kirkland Crescent,
Dalry, Ayrshire.
Thurs, 8pm, Royal Hotel Dalry.

CLYDESIDE BREAKERS SUPPORTERS CLUB

Eyeball: Big V,
Wednesdays & Saturdays, 8pm.

COWAL BREAKERS

PR: Silver Fox,
c/o 18B Cromwell Street,
Dunoon, Argyll,
Scotland.
(0369 2347).
2nd Sun, 8pm, Kingarth Hotel.

CUMBERLAND BREAKERS CLUB

Chairman: Golden Goose,
9h Ellisland Road,
Kildrum, Cumberland.
Alt Suns, 7.30pm, Cumbernauld Village Hall.

EL PASO BREAKERS CLUB

Secretary: Liz Keegan,
66E Broomlands Street,
Paisley, Strathclyde PA1 2NL.
Alt Tues, 8pm, Elderslie Village Hall.

GLASGOW CB CLUB

President: Ian Patterson,
147 Trossachs Road,
Rutherglen, Glasgow.

GLASGOW CB CLUB

Chairman: D. Docherty,
381 Hallhill Road,
Glasgow G33 4RY.

GLASGOW CB CLUB (CBA)

Chairman: Normund Cram,
3 Erskine Road, Whitecraigs,
Glasgow G46 8TQ.

GREATER EASTERHOUSE BREAKERS CLUB

PR: J. Prow,
133 Lochend Road,
Glasgow G34 0LW.

WALES, N.IRELAND, OVERSEAS, SCOTLAND

GREATER GLASGOW BREAKERS
Chairman: Bob Snell,
71 Glenett Street,
Glasgow G41 2LG.

HAZZARD COUNTY BREAKERS
Secretary: Rosemarie Potts,
c/o Oakshaw Hall, School Wynd,
Paisley, Renfrewshire.

HELENSBURGH & DISTRICT CB CLUB
Secretary: Moonshadow,
c/o Ardencaple Hotel,
Rhu, Dunbartonshire.
Weds, 8pm.

KINTYRE BREAKERS CLUB
PR: Besh Street Kid,
Sundown, Tarbet,
Argyll PA29 6YF.

MONKLANDS BREAKERS CLUB
Chairman: Peter Mulheron,
78 South Commonhead Avenue,
Airdrie, Lanarkshire.

NORTH SEA BREAKERS
Secretary: The Druid,
27 Zena Street,
Glasgow G33.

RUTHERGLEN BREAKERS CLUB
Secretary: Newsagent,
7 Hillhead Avenue,
Rutherglen, Glasgow.
Thurs, 8pm, Mill Hotel.

SHORELINE CB CLUB
Chairman: Black Thorn,
Westfield Hotel,
Saltcoats, Ayrshire,
Scotland,
Tues, 8.30pm.

**VOICE OF SCOTLAND INTERNATIONAL
DX CLUB**
Secretary: Fred Roe,
(Kilmarnock 0563 31327).

WINDY CITY BREAKERS
Secretary: Mrs T. Guthrie,
19 Lochlibo Crescent,
Barrhead, Glasgow.

TAYSIDE

FAIR CITY CB CLUB
PR: A.D. Wyllie,
60 Tulloch Terrace,
Hillyland,
Perth PH1 2PS.

FORFAR AND DISTRICT BREAKERS CLUB
Secretary: Star Fighter,
40 Threewells Drive,
Forfar.
Mons, 7.30pm, Stag Hotel Forfar.

TAYSIDE CB CLUB
Chairman: The Rogue,
c/o 271 Fintry Drive,
Fintry, Dundee.



CLUB REGISTRATION FORM

CITIZENS' BAND CLUB DIRECTORY REGISTRATION FORM



CLUB NAME ()
 CHAIRMAN ()
 Secretary ()
 PR Contact ()
 Contact Address ()
 (Tel No.)
 MEETING PLACE, DAY AND TIME ()

 No. of members
 Position in club
 Fee/sub etc (Committee members only please)

Please mark (*) information that may be published.

CITIZENS' BAND SUBSCRIPTION ORDER FORM



Cut out and SEND TO: Citizens' Band,
513, LONDON ROAD, THORNTON HEATH,
SURREY, ENGLAND

Please commence my personal subscription to Citizens' Band with
the issue.

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(tick as appropriate)

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 £13.35 for 12 issues overseas surface
 £26.50 for 12 issues AirMail



£
 (made payable to A.S.P. Ltd)
 OR
 Debit my Access/Barclaycard*
 (*delete as necessary)

Please use BLOCK CAPITALS and include post codes.

Name (Mr/Mrs/Miss)
delete accordingly

Address

Signature Date

Survey



Andy R Giles' car received some unwelcome attention from someone who obviously believes in the redistribution of wealth. Andy instantly rushed out and investigated the merits of the many CB insurance schemes that are now available.



MARKETING POLICY

It's a sad sign of the times when official figures show that one of the biggest growth industries in Britain at the moment is crime. It's even more unpleasant to find that one of the growth areas within this field is the theft of CB rigs from cars. Maybe it's because manufacturers have not been able to supply enough rigs to satisfy the demand. Maybe it's because the current price of rigs is higher than most people think it should be and they can't afford to pay. Maybe it's because the people who are coming into CB are basically dishonest. Whatever the reason, more and more rigs are being stolen every day.

The *Modus Operandi* is usually the same and shows that these party criminals don't have the finesse of professional thieves, instead of opening the lock, by whatever devious means the criminal fraternity use, the rig thief usually just smashes one of the car's windows, reaches in, unlocks the door and tips the rig out.

You can fit various types of security locks and alarms to try and stop this happening to you, but nothing will stop the determined thief. If someone really wants to steal your rig, they will. You can only hope to deter the thief by making it too much trouble for him to bother with you.

With this in mind, you should take reasonable precautions against theft and then make sure that you will be financially compensated should you have your rig stolen. You can do this by investing in one of the many CB insurance schemes now available.

Unfortunately most of us look on insurance in much the same way as we view socks and underwear - we know we need it but we are reluctant to spend money on it. It's only when we lose something, or a friend or neighbour has his house broken into, that we start to seriously consider insurance, and then most of us find that we don't know the difference between one policy and another. I have spent many weeks researching this article and I have been helped by a registered Insurance Broker who wishes to remain anonymous.

Without his help I would have probably thought that 'cheapest is best' and overlooked all of the other variables which make up a policy and which must be taken into account when you are deciding which one to buy. For example, if you bought a rig for £100 six months ago and then had it stolen, some companies will pay you £100 (the price of buying a new rig today) whereas others will only give you what they think a six-month old CB rig is worth, ie probably about £65. The exclusions chart shows all the exclusions and which company excludes what. Some of the conditions are extraordinary and you should

check this chart carefully if you are thinking of investing in insurance. You'll find that even some of the most expensive policies have exclusion clauses so they don't offer as much cover as some of the cheaper ones.

Exclusions 1-5 (see chart) are standard on all policies. Numbers 6-35 should be considered as negative points and numbers 36-42, plus points. As you can see, some companies seem to exclude almost everything!

Another important point to consider with insurance policies is the amount of excess. This is the amount which will be deducted from any payment that may be paid to you in respect of a claim. The excess chart shows that this amount can range from nothing to £100. The firms with the highest excess could be expected to charge the lowest premiums, but this is not always the case and is only one of the factors to be taken into account when choosing a policy. As a general rule, an excess of £10 on sums insured up to £500 and £25 on anything higher would be reasonable.

The premiums costs chart shows how much the various companies charge to insure your equipment and this chart should be used in conjunction with the excess chart. Cheapest is not always best. It is important to include the cost of all your equipment when deciding which price band your policy will fall into.

If you have a fully comprehensive policy covering your car, it is sometimes possible to claim against that, by saying that your rig fits into the £50 valuables category. But be careful if you intend to try this as you will lose your No Claims Bonus which in most cases will be worth far more than your rig.

If you already have a household policy it may be possible to have your rig added to that by including it in the All Risks section. This means that you have to notify your insurance company, have the rig added to the list of valuables and then pay an extra premium. However, this method does not offer the quality of cover given by the specialised policies and is not recommended.

We surveyed 22 companies offering CB insurance and although this may not be a complete list of all the policies available, it is more than enough for us to see the type of cover being offered. An Act of Parliament was recently passed tightening up the law with regard to insurance brokers. It is now illegal to call yourself an insurance broker unless you can fulfill some very stringent conditions. That is why a lot of companies have just started calling themselves advisors, consultants, etc.

These are the companies we used in our survey.



SURVEY

David Allen (Insurance Consultants) Ltd.

This firm started offering a Lloyds underwritten CB insurance contract in January 1981 so they have now had more than a full year's experience with their scheme. They are a subsidiary of a registered broker but they themselves are not registered.

Ashlands (Financiers) Ltd.

The CB insurance scheme offered by this firm is the one being offered by On Line Marketing and it is also identical to the one provided by D & S Associates. It should be noted that a 10% deduction will be made from any claim (10% of the sum insured).

Bloomsdale Ltd.

This firm provides theft cover only. However we have been informed by the company that they hope to extend the cover to include breakdown but even so, the premiums are expensive for the cover available.

CB Insurance Services.

This company has been specially set up to handle CB insurance and they can provide cover for individuals and clubs. Their confiscation cover has now been withdrawn.

C.C.S. Insurance Services.

This firm's cover is the same as that offered by several other companies.

Honella Canworth.

This company's cover is soon to be improved without any increase of premium but unfortunately amended details were not made available in time for this survey.

Brian Dawes Ltd.

This company has now withdrawn its confiscation cover and have advised us that the confiscation cover now in force for clubs will probably have to be withdrawn also.

D & G Insurance Co. Ltd.

This policy only provides theft cover and deductions are made for depreciation. The cost of cover is quite expensive.

D & S Associates.

This is also the same policy being offered by Ashlands (Financiers) Ltd.

Phillip Everitt Insurance Services.

This is the same policy being offered by several other companies.

Entertainment and Leisure.

The cost of cover with this company is expensive but there is a no claims discount of 10% rising to 15% after 3 claim-free years. Special notice should be taken of their unusual exclusion clauses.

Flower and Associates.

This is the same policy being offered by several other companies.

Galaxy 7 Policies.

This company is an international underwriting agent and are acting as underwriting agents for the policy from CB Insurance Services. Confiscation cover has now been withdrawn for individuals since legislation.

Life & General Insurance Consultants.

This company is offering the same policy as Entertainment and Leisure.

Goldthorpe and Lacey Ltd.

The premiums for this policy are low but there are quite a few exclusions and special policy conditions.

B.A. Laymond & Partners Ltd.

This company's Layplan CB Radio Users' Insurance Scheme is reasonably priced and clubs and commercial users qualify for reduced rates. The most useful feature of this policy is Index Linking. This means that the sum insured is annually adjusted to compensate for inflation so that you always get paid the full current price of a new rig.

On Line Marketing Ltd.

This is the same policy being offered by Ashlands (Financiers) Ltd.

Rigsafe.

This is an American company who appear to be marketing their contracts in the UK through an agent. The cover is only available to clubs and the premiums seem to be rather high by comparison.

P.D. Starks.

This is a standard Lloyds underwritten contract.

Oakley-Vaughan Insurance Brokers Ltd.

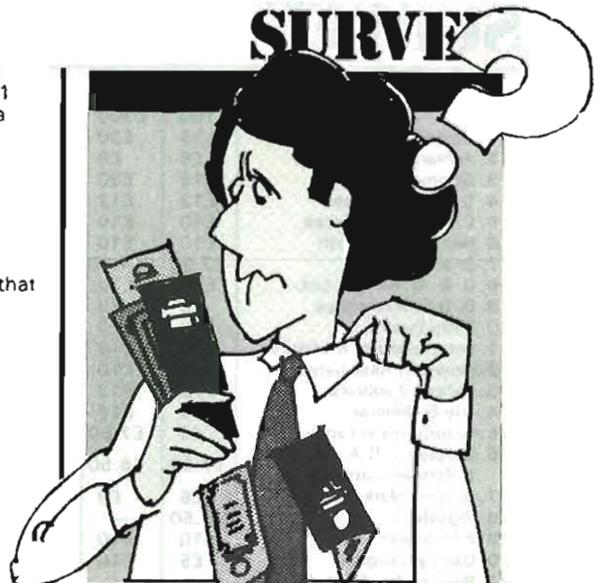
This company provides cover for clubs only. As their minimum premium is £250 per annum, a club would need to have 25/50 members before a scheme could be set up. This policy has one or two exclusions we are not too keen on.

Wessex Insurance Consultants.

This company has two schemes available. Scheme A is reasonably priced but has exclusions and an excess we are not very happy about. Scheme B is a theft only contract extended to cover crash damage, fire and confiscation. The confiscation cover will probably be withdrawn in line with public policy and current trends.

Western County Insurances Ltd.

This company has informed us that they negotiated a first-class contract last year with an underwriter and literature was produced. At the last moment the scheme was withdrawn by the underwriter and the firm can now only offer their clients any of the other existing contracts.



LLOYD'S CERTIFICATE OF INSURANCE

CB ALL RISKS INSURANCE

PROTECT YOUR RIGS AGAINST THEFT
C.B. Theft Insurance Scheme

This insurance is completely confidential and has been arranged by Bloomsdale Ltd. Specialist Insurance Consultants Insurance cover has been placed with a Member of the British Insurance Association under

COVER:
 The Underwriters will indemnify the Certificate holder against the loss of the Certificate holder's radio equipment specified below due to theft, subject to the terms and conditions hereof and subject to cover not being provided by any other policy.

SUM ASSURED:
 The Underwriters agree to reimburse the Certificate holder up to the Assured value given below, less an amount for depreciation, less any excess which may apply.

PERIOD OF COVER:
 The Insurance will operate for a 12-month period from the date of expiration of the Application Form and renewal of correct premium.

TERRITORIAL LIMITATIONS:
 This Insurance shall only apply to Great Britain, the Isle of Man and the Channel Islands but excludes Northern Ireland and Eire.

APPLICATION FORM

By giving this application form and returning a signature with the correct stamp you will receive a Certificate of Insurance by return.

Serial No. _____ and Value £ _____

BEST BUY

Looking at all the policy considerations, excesses and premiums being charged, we think that the Layplan CB Radio Users Insurance Scheme from B.A. Laymond and Partners Ltd represents the best value for money. It provides Full Risk cover and Index Linking for a very reasonable premium.

SURVEY

No. Name	SUM INSURED					Notes	Underwriter
	£150	£300	£500	£750	£1,000		
1. David Allen	£15	£30	£50	£75	£100		Lloyd's
2. Ashlands (Financiers)	£6	£9	£50	—	—	d	Company
3. Bloomsides Ltd.	£15	£30	£50	£75	£100	c	Company
4. C.B. Ins. Services	£12	£12	£12	—	—	a,b,e	Company
5. C.C.S. Ins. Services	£10	£10	£15	—	—		Lloyd's
6. Hencilla Canworth	£10	£10	£12.50	—	—	f	Company
7. Brian Dawes	£7.50	£14.10	£23.50	—	—	k,l	Lloyd's
8. D. & G. Ins. Co. Ltd.	£15	£30	£50	£75	£100		Company
9. D. & S. Associates	£6	£9	£15	—	—	d	Company
10. Philip Everitt	£10	£10	£15	—	—		Lloyd's
11. Entertainment & Leisure	£15	£19	£27	£37	£47	g	Lloyd's
12. Flower & Associates	£10	£10	£15	—	—		Lloyd's
13. Galaxy 7 policies	£12	£12	£12	—	—	a,b	Company
14. Life & General	£15	£19	£27	£37	£47	g	Lloyd's
15. Goldthorpe & Lacey	£5	£7.50	£12.50	£20	£25		Company
16. Layplan — B.A. Laymond & Partners Limited	£7.50	£8.50	£9.50	£10.50	£12.50	h,i,q	Company
17. On Line Marketing Ltd.	£6	£9	£15	—	—	d	Company
18. Rigsafe	£17.50	—	—	—	—	n,o	Not supplied
19. P.D. Starks	£10	£10	£15	—	—		Lloyd's
20. Oakley Vaughan	£5	£10	£10	—	—	n	Company
21. Wessex Ins. Consultants Scheme A	£5	£9	£15	£22.50	£30		Company
22. Wessex Ins. Consultants Scheme B	£15	£15	£15	£15	£15	c,j	Company
23. Western Counties	—	—	—	—	—	p	see (p)

NOTES: (i) Where a dash is shown under a sum insured column, no cover is available.
 Type of Underwriter column is to indicate whether cover is being provided by certain underwriters at Lloyd's or an Insurance Company belonging to the British Insurance Association (B.I.A.)
 (a) Premium indicated includes documentation charge of £2.50
 (b) If "approved" Alarm fitted to vehicles then all premiums shown can be reduced by £5.
 (c) Theft Only Cover.
 (d) The cover available from No's 2, 16 & 19 is provided by the same Company.
 (e) The cover is the same as that shown for No. 12.
 (f) Cover is provided for aerials up to £50 in value.
 (g) The cover is exactly the same as No's 10 & 13.
 (h) The premium includes free Index Linking to help prevent underinsurance.
 (i) The premium includes free cover in Western Europe for 30 days.
 (j) Autocrash cover, fire, confiscation and explosion cover included.
 (k) The premiums quoted are only available to clubs, not individuals and do not apply to London, Birmingham or Glasgow. See note (l) below.
 (l) The premiums for London, Birmingham or Glasgow are £13.50 for £150, £27.00 for £300 and £45 for £500.
 (m) Cover available from No's 5, 9, 11 and 18 is all provided by same Lloyd's Underwriter.
 (n) Cover only provided to Clubs not individuals.
 (o) No detailed information was available at the time this survey was carried out.
 (p) No special scheme as proposed scheme never launched.
 (q) Premiums include brokers documentation charges.

No. Name	Theft Only	All Risks	Re-instatement as new	Index Linked	Aerials covered	W. Europe (No. of Days)	Exclusions	Special Features
2 Ashlands	—	Y	Y	N	L	N	1,2,3,4,5,11,16,23	
3 Bloomsides	Y	N	N	N	N	N	1,2,3,4,5,6,15,23,26,27,28,29,30,31,32,34	
4 CB Ins.	—	Y	Y	N	L	30	1,2,3,4,5,9,11,20,21,28	41
5 C.C.S.	—	Y	Y	N	L	N	1,2,3,4,5,15,16	
6 Hencilla Canworth	—	Y	Y	N	L	N	1,2,3,4,5,6,7	
7 Brian Dawes /	—	Y	Y	N	N	N	1,2,3,4,5,23	41
8 D & G	Y	N	N	N	N	N	1,2,3,4,5,9	
9 D. & S.	—	Y	Y	N	L	N	1,2,3,4,5,33	
10 Philip Everitt	—	Y	Y	N	L	N	1,2,3,4,5,22	
11 Ent & Leisure	—	Y	Y	N	N	14	1,2,3,4,5,9,11,20,21,26	36,43
12 Flower & Assoc.	—	Y	Y	N	L	N	1,2,3,4,6,6,7,15,26,27,28,29,30,31,32,34	
13 Galaxy 7	—	Y	Y	N	L	30	1,2,3,4,5,22	41
14 Life & Gen	—	Y	Y	N	N	14	1,2,3,4,5,15,17,18,25,30	
15 Goldthorpe & Lacey	—	Y	Y	N	N	N	1,2,3,4,5,35	
16 Layplan /	—	Y	Y	Y	Y	30	1,2,3,4,5,12,13	37,38,39,40,41,42
17 On Line	—	Y	Y	N	L	N	1,2,3,4,5	
18 Rigsafe	—	—	—	N	N	N	1,2,3,4,5,9,11,20,21,26	
19 Starks /	—	Y	Y	N	N	N	1,2,3,4,5,12,13	
20 Oakley Vaughan /	—	Y	Y	N	N	N	1,2,3,4,5,19	41
21 Wessex (A)	—	Y	Y	N	N	N	1,2,3,4,5	
22 Wessex (B)	Y	N	Y	N	N	N	1,2,3,4,5	
23 W. Counties	—	Y	Y	N	N	N	1,2,3,4,5	

CLAIMS EXCESS

No. Name	Sum Insured					Notes
	£150	£300	£500	£750	£1,000	
1. David Allen	£5	£5	£5	£5	£5	
2. Ashlands	£15	£30	£50	£75	£100	
3. Bloomsides	—	—	—	—	—	d
4. C.B. Insurance Services	£10	£10	£10	—	—	a,b
5. C.C.S. Ins. Services	£10	£10	£10	—	—	
6. Hencilla Canworth	£5	£5	£5	—	—	
7. Brian Dawes	nil	nil	nil	—	—	c
8. D. & G. Ins. Co. Ltd.	£15	£30	£50	£ 75	£100	
9. D. & S. Associates	£15	£30	£50	—	—	
10. Philip Everitt	£10	£10	£10	—	—	
11. Entertainment & Leisure	£10	£10	£10	£10	£10	
12. Flower & Associates	£10	£10	£10	—	—	
13. Galaxy 7 Policies	£10	£10	£10	—	—	a,b
14. Life & General	£10	£10	£10	£10	£10	
15. Goldthorpe & Lacey	£10	£10	£10	£10	£10	
16. Layplan — B.A. Laymond & Partners Limited	£10	£10	£10	£25	£25	
17. On Line Marketing	£15	£30	£50	—	—	
18. Rigsafe	?	—	—	—	—	d
19. R.D. Starks	£10	£10	£10	—	—	
20. Oakley Vaughan	nil	nil	nil	nil	nil	c
21. Wessex Ins. Consultants Scheme A	£10	£10	£10	£10	£10	
22. Wessex Ins. Consultants Scheme B	nil	nil	nil	nil	nil	
23. Western Counties	—	—	—	—	—	e

Cover Code

Y = Covered
 N = No Cover
 — = Not Applicable
 L = Limited Cover
 Available check other charts.
 = Registered Brokers

NOTES: Where a dash is shown in a column for Policy Excess this means no insurance cover is provided for sums that high.
 (a) A £50 policy Excess applies on home base aerials.
 (b) A 50% Excess would apply to unattended unarmoured vehicle risks if the Excess reduction cover was not purchased with policy. See note (b) in premium cost chart.
 (c) Policies with this nil excess are not available to individuals and apply to club master policies only.
 (d) No detailed information available at time survey carried out.
 (e) No details as proposed special never launched.

Full names and addresses of Companies shown in CB Insurance Survey.

No.	Name	Name of Policy	Address	Phone No.
1.	David Allen (Insurance Consultants) Limited	-	Carlton Chambers, 24 Queen Street, Huddersfield, West Yorkshire, HD1 2SP	Huddersfield (0484)47027
2.	Ashlands (Financiers) Limited	-	33b Higher Market Street, Penryn, Cornwall, TR10 8EQ.	Penryn (0326)75300
3.	Bloomside Limited	-	c/o Concept & Associates, 3rd Floor, 26 Brown Street, Manchester, M2 1DN.	Manchester (061)3440
4.	C.B. Insurance Services	-	P.O. Box 28, Lutterworth, Leicestershire, LE17 4UB.	Lutterworth (0455)209625
5.	C.C.S. Insurance Services	Holdfast	Wych Hill, Woking, Surrey, GU22 0EU.	Woking (04862)23777
6.	Hencilla Canworth (Motor) Brokers Ltd.	C.B. Radio	43 South Molton Street, London, W1Y 1HB.	(0114)08 2272
7.	Brian Dawes Ltd.	Canworth	General Buildings, 5 Granville Road, Leicester, LE1 7JD	Leicester (0533) 555253
8.	Domestic & General Insurance Co. Limited.	D & G	Crown House, 47 Chase Side, London, N14 5BP.	(011882) 2823
9.	D. & S. Associates	CB Radio	Rooms 5 & 6, First Floor, Churchill Centre, Loxley Close, Redditch, B98 9JG.	Redditch (0527)65554
10.	Philip Everitt (Insurance Services)	Holdfast	Kilburnie, Luxford Road, Crowborough, E. Sussex. TN6 2PW.	Crowborough (08926)4653
11.	Entertainment & Leisure	C.B. Radio	P.O. Box 100, Great Ouseburn, York, YO5 9SZ.	Green Hammerton (0901)30711
12.	Flower & Associates	Electrical Equipment	211 London Road, North End, Portsmouth, Hants, PO2 9AJ.	Portsmouth (0705)690144
13.	Galaxy 7 Policies	-	Insurance House, Queens Road, Nuneaton.	Nuneaton (0682)386022
14.	Life & General Insurance Consultants	Electrical	123 Sydenham Road, London, S.E.26	(01)659 1879
15.	Goldthorpe & Lacey Ltd.	C.B. Radio	Orchard House, Victoria Sq, Droitwich, Worcs. WR9 8DS.	Droitwich (0905)771414
16.	B.A. Laymond & Partners Limited	Layplan CB & amateur radio users insurance scheme	Laymond House, 562 North Circular Road, London NW2 7QZ	(01)452 6611
17.	On Line Marketing Ltd.	-	The Glen, Buckland Brewer, Bideford, North Devon, EX39 5LY.	Torrington (08052)3369
18.	Rigsafe	Rigsafe	Heights Plaza, 777 Terrace Avenue, Hasbrouck Height, New Jersey, Zip Code 078047.	
19.	P.D. Starks Insurance Brokers	Holdfast	104a Shirley High Street, Southampton, Hants.	Southampton (0703)783223
20.	Oakley Vaughan Insurance Broker Ltd.	C.B. Radio	6th Floor The Maclaren Building, Mosshouse Circus, Queensway, Birmingham, B4 7NS.	Birmingham (021)2331631
21.	Wessex Insurance Consultants	-	Brook Farm, Heath End, Cromhill, Wotton-on-Edge, Gloucestershire.	Wickwar (045 424)585
22.	Western Counties Insurance Services Ltd.	-	55 St. Thomas Street, Weymouth, Dorset, DT4 8BR.	Weymouth (03057)72331

Did you know.....



there is now a new type of policy. It offers first class, wide cover for :-

Car Radios & Cassette Players, C.B.'s, Radio Telephones, TV & Video Equipment

It isn't just any "It works by electricity we'll probably insure it".

- Plus
- Free Replacement Hire
 - No Claims Bonus
 - 14 days Extra Cover for use in Western Europe
 - Further Discounts and a Claims Cheque when you want it fast!

List of Policy Exclusions, Features and special points.

- Policy excludes loss, destruction or damage:-
 - Caused by moth, vermin, wear and tear, deterioration or the actual process of cleaning or restoration.
 - Caused by or happening through an invasion act of foreign enemy hostilities (whether war be declared or not), civil war rebellion insurrection or military or usurped power or destruction of or damage to property by or under the order of any Government or Public or Local Authority.
 - caused by Sonic Bangs.
 - caused by Nuclear Risks.
 - caused by electrical or mechanical breakdown.
- Losses from vehicles following theft if all doors not locked and windows secured. All thefts must have forcible or violent entry evident.
- Detention, seizure or confiscation.
- Consequential losses.
- Loss of or damage to equipment in soft top vehicles.
- Loss or damage caused by climatic or atmospheric conditions.
- Loss or damage to any aerial.
- Storm, tempest damage to aerials on premises.
- Damage to aerials mounted on vehicles.
- Loss of or damage to cassettes or tapes.
- Damage arising out of installation and/or repairs.
- Theft from vehicles not garaged overnight.
- Inherent defects.
- Everything excluded except for Theft Cover.
- Scratching & Denting excluded.
- Fair wear & tear excluded.
- Willful act of neglect in use or use not in accordance with manufacturer's instructions.
- Losses due to defective design or specification.
- Breakage of brittle articles or glass.
- All cover on motor cycles and/or scooters excluded.
- Loss from any vessel unless on Inland Waterway excluded.
- Theft cover only provided between 10p.m. and 8a.m. if vehicle is immobilised and securely locked in a garage or alternatively that a patented alarm system is fitted and operational. Immobilisation to be in addition to the removal of ignition key (e.g. Krooklock or removal of rotor arm).
- Deductions made when settling claim to allow for age of equipment.
- Theft from unattended and unlocked vehicles.
- Loss or damage following direct application of a tool.
- Loss or damage caused by overrunning, excessive pressure, short circuiting, self heating or leakage of electricity.
- Malicious damage is specifically excluded if found to be of a 'gang' or individual retaliatory nature, or if the equipment insured is stolen.
- Aerials. Mobile antennae are not covered and the first £50 of base station aerials (not insured elsewhere) is also excluded.
- Loss through infidelity of hirer (when equipment is on hire/loan) excluded.
- Bruising damage excluded.
- Commercial vehicles covered for additional charge.
- Commercial vehicles excluded (see note 31).
- Theft from unattended vehicles excluded unless the set is kept in a locked boot or securely fixed to the vehicle.
- The first 50% of any claim for loss or damage to any equipment in any "unalarmd" unattended vehicle excluded unless an extra £5 premium paid. See note (b) on premium chart.
- Portable or suction mounted aerials only excluded.
- Policy cover includes additional expenses necessarily incurred in hiring alternative equipment up to 2 1/2% of the total sum insured (subject to a maximum hiring cost of £500) if your own equipment is unavailable for use following the happening of an insured peril.
- Index Linked Cover. This prevents under-insurance arising.
- Cover applies to all accessories such as aerials and wave meters.
- Cover for both base station and mobile equipment.
- Commercial vehicles covered without increased charge.
- Special Terms for Clubs.
- Special Terms also offered to Companies, Fleet Users & Taxi/Mini-Cab Firms.
- If no claim is made under the policy during the first 12 months of cover, a no claims discount of 10% is allowed from the renewal premium. The discount rising to 15% after 3 claim-free years.

...s and security.

Hearing aids, medical research and recreational equipment.

8 Home computers, portable computer terminals.

9 CB's & CB aerials, walkie talkies, car phones, beepers and pagers (GPO or otherwise).

10 Mobile radio telephone and transceivers.

11 Car radios and cassette players, car aerials, (excl. theft from vehicles with soft or removable tops).

PRICE BAND AND PREMIUM GUIDE

(e.g. Home Computer Price Band A, Value £500, Premium £14).

Sum Insured	Cost to Insure	Price Band
1	A	B
2	C	D
3	E	

Midland Telecom (Open Channel) Ltd

133 FLAXLEY ROAD
STECHEFORD
BIRMINGHAM 33

TV EYE

021 784 3129

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IN CB RADIO EQUIPMENT

Full range of CB Radio equipment including:—
**AVANTI, C.T.E., MIDLAND, COBRA, HAM
INTERNATIONAL, COLT, STALKER, A.C.1,
K40, TURNER, ANTENNA SPECIALIST, ANTENNA
INCORP, H.M.P. and LOTS MORE.**

Avanti Sigma IV	£42.90	Pro-Micro 007 Mic	£19.90
Avanti P.D.L. II	£79.90	C.T.E. Galazy 1KW Linear	£249.90
Avanti Moonraker 4	£129.90	C.T.E. Jumbo 600W Linear ...	£191.90
Avanti Astro-Beam	£69.00	C.T.E. Speedy 70W Linear	£85.00
Avanti Moonraker 6 Mag	£35.90	C.T.E. Jaguar 200W Linear ...	£107.90
K40 Antenna	£21.90	Hirschmann Rotor	£39.90
K40 Mic	£22.90		

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Rig Check



Hi Fidelity

Rig Check 2 this month looks at the Fidelity 2000FM, one of the very first multi-function rigs on the market. At around £90 it has a lot to live up to, we think it could be a winner.

After only a couple of months, one or two names have become synonymous with UK CB. Probably the first and still one of the most popular makes of FM CB rigs is Fidelity, a good solid name from a good solid British company — though Fidelity are the first to admit that their CB rigs are far from British. Thus far, Fidelity have two UK FM rigs on the market, the unremarkable, though well received and very popular, CB 1000FM and the up-market CB2000FM. The latter being the subject of this month's Rig Check.

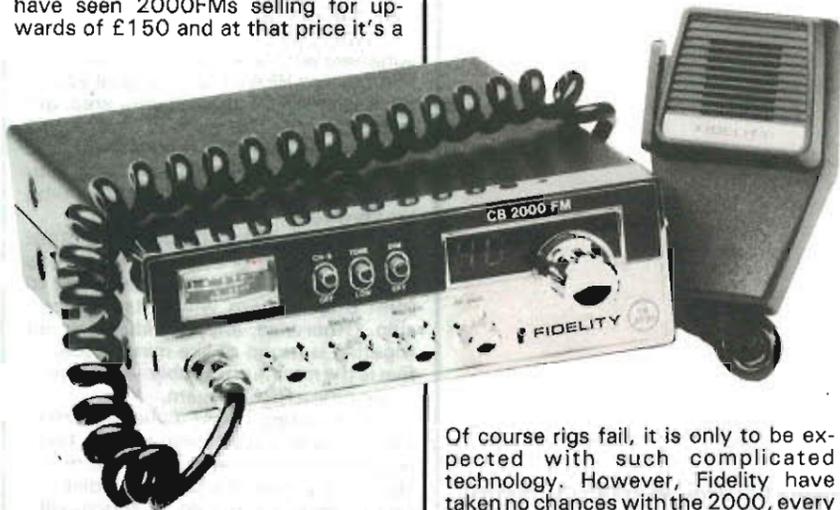
The CB 2000FM weighs in at around £90; a reasonable price for a rig of this class, though be warned, we have seen 2000FMs selling for upwards of £150 and at that price it's a

speaker, PA speaker and power lead, plus a slider switch for 10dB attenuator.

So far so good. The styling on the 2000 is a fairly distinguished mixture of chrome knobs and black/grey panels and certainly wouldn't be mistaken for anything other than a CB rig. The rig comes complete with fitting kit and very comprehensive instructions, plus of course, the manual microphone and PTT switch, but we shouldn't have to tell you that these should be standard fitting on all mobile CB rigs.

In Action

Contrary to many unsubstantiated rumours, Fidelity have had no more problems than any other manufacturer.



rip-off! The rig has eight front panel controls; three switches control channel 9 priority, tone control and LED display dimmer. Rotary controls include Volume-On/Off, Squelch/PA, Microphone Gain, RF Gain and Channel Selector. The two displays are red LED channel display and S/RF edgewise meter. The microphone socket is half right, it's on the front panel, which is more than can be said for a lot of other rigs. On the back, there are the usual sockets for antenna, extension

Of course rigs fail, it is only to be expected with such complicated technology. However, Fidelity have taken no chances with the 2000, every single unit is tested prior to dispatch and it seems to have paid off. Our review samples we're treated to the kind of abuse in just a couple of weeks that most rigs might never suffer in a whole lifetime and we're happy to report our 2000s came through unscathed. Reports from other breakers confirmed that transmitted copy was both clear and well modulated. Signal strength reports back up our power readings of a true 4 watts RF from the antenna socket. The

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Rig Check



TRANSCOM



CHALLENGE

Our second Rig Check this month highlights the Transcom GBX 4000. Roger Munford gives us his first impressions on this very compact rig. A full lab test on this rig will follow in due course.

One look at the Transcom International GBX 4000 is probably all you'll need to realise that this is a very fine rig indeed. For me, it was love at first sight.

And what a first sight. Small, light and compact, this 40-channel FM rig certainly looks impressive. That basic chassis measures 6 1/4" wide, 2" high and 7 1/4" deep although you'll have to allow a further 1/2" at the rear of the unit to accommodate the antenna connector and the power leads. If you're thinking that those specifications sound familiar, look no further than the two Amstrad rigs.

Moving on to the front panel . . . aah, the front panel. Lovely bit of class this, fashioned in metal with a smooth matt finish — no plastic in sight. Nice touch Transcom.

A comprehensive array of controls grace the front panel, Volume/Off, Squelch, Tone and RF Gain plus the channel selector. On the left-hand side of the panel are two switches, a PA/CB control and a Channel-Nine priority (pretty strange this — it's labelled 'monitor'). Above the channel selector, to the right of the panel, are two LED displays to indicate that the device is transmitting and receiving correctly; the Tx LED is red during transmission and the Rx LED lights green when receiving.

Sited in the middle of the panel are two display windows side by side; the display on the left is the S/Rf meter and the one on the right is the channel indicator.

Both meters are pretty exceptional — you can actually read them . . . easily! The S/Rf meter has a

red needle across a black strip all on a white background which is illuminated when the unit is switched on. The channel indicator displays the channel number in large green characters.

Tested in the pitch dark (when the S/Rf meter can never usually be read) and in the bright sunlight (when the LED channel display usually washes out), both meters were highly legible. Rig manufacturers take note.

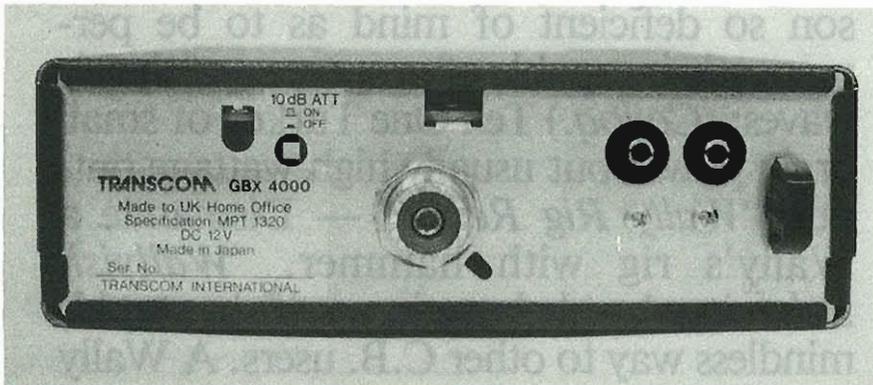
Back to the controls, let me say they are a pleasure to adjust. The control knobs are serrated and all have a very positive feel to them making fine adjustments very easy. The Volume/Off knob switches on with a good healthy 'click' and the volume increases as the control is advanced clockwise. The RF Gain control works efficiently as does the Squelch control that eliminates all background noise.

One small complaint though, if a Tone control is going to be included, why not have one that actually does something? It's not as if we're talking about studio-quality hi-fi, this is CB! I fiddled for a couple of minutes with the tone control and could make hardly any difference to the tonal quality of the output. However, this minor point is made up for by the channel selector. Here is a nice, chunky control that, accompanied by a series of clicks, is simple to adjust.

The microphone supplied with the rig is fairly undistinguishable, though competent and plugs into the socket on the . . . yes, you've guessed, the left — hand side of the unit. You've all heard it before I know but why on earth do the manufacturers insist on doing this for a country with right -and drive vehicles.

Also included on the GBX 4000 is a Roger Bleep facility.





Back panel showing sockets and attenuator switch.

We did a brief test square-wheeled in the office and it worked very well indeed. The audio quality was good and both Squelch and RF Gain controls operated satisfactorily. Reports from local stations were highly complimentary and further tests indicated that there was no bleed-over between adjacent channels.

More comprehensive tests were carried out on mobile locations including . . . roll of drums . . . the research team's noisy car. All to no avail though, the Transcom rig won through; the audio amplifier coped with the noise

adequately and made no great demands on the internal speaker. The Roger Bleep wasn't too bad either — which is lucky because you can't turn it off!

The GBX 4000 comes complete with mounting bracket and fixing screws and fairly comprehensive owner's manual. This handbook includes good explanations of the controls but I would have liked a little more to the 'understanding SWR' chapter.

The price of the Transcom International GBX 4000 is very competitive — at £59.95, this rig is definitely one for the short list.



The Transcom GBX 4000 complete with fixing kit.

RIG REVIEW DATA PANEL

Model Transcom GBX 4000
Distributor Transcom Ltd, Berks
Typical Price £90

Features	Yes	No
PA Facility	●	
External Speaker Jack	●	
TX Indicator Light	●	
RX Indicator Light	●	
PA Indicator Light		●
S/RF Meter	●	
Hi/Lo Power Switch	●	
ANL/NB Switch		●
CH9 Switch	●	
Variable RF Gain	●	
Mike Gain		●
Delta Tune		●
Tone Control	●	
LED Channel Readout	●	

Facilities	Superb	Good	Fair	Poor
Ease Of Controls	●			
Built In Speaker		●		
Microphone Location				●
Cabinet Construction		●		
Quality Of Control Switches	●			
Channel Indicator Readability		●		
Mounting Bracket		●		
Hand Book/Instructions		●		

Specifications	
Modes Of Operation	FM Only
No. Of Channels	40
Weight	
Dimensions	
Supply Voltage	13.2 VDC
RF Output Power	3.9 Watts
Frequency Stability	In Spec
Swamping	Good
Sensitivity (RX)	0.3uV 10dB
Spurious Emissions	In Spec

CB VERDICT

Range	* * * *
Clarity of TX	* * * *
Clarity of RX	* * * *
Ease Of Controls	* * * *
Ease Of Installation	* * *
Performance	* * * *

We rate our samples on a scale of one to five. Five stars is the highest rating, three and four stars are good to average and one and two stars mean it's not doing so well.

Comment



Wally : A & N (Orig: C.B. radio slang) person so deficient of mind as to be permanently incapable of proper use of the air waves; (Colloq.) Ten One Turkey of small brain power but usually high wattage output. 'Wally Rig Repair' — Dismantle a Wally's rig with hammer. 'Wallyish Behaviour' — behave in a selfish, stupid, mindless way to other C.B. users. A Wally — an idiot.

"Yer a load of What are yer? Nothing but a buncha who should get! Stupid and"; and on and on and on.

We have all heard him at some time or another. We've sat there, microphone in hand, angry and impotent to his mindless tirade over the one-four. Sadly, with the advent of FM, he is one of a growing band of wallies who spend seventy pounds or more on a CB rig so that he can get his jollies by annoying genuine users of the service. He is, in all probability, a failed flasher.

Anyway, you sit there, choking the life out of your power mike, frustrated beyond belief that you cannot get your call through to the 'Actual Ace' (who you know is sitting there waiting for it!) because this noisy wally is cluttering up the breaking channel. Lost, your only options are to switch off or wander off around the channels. To argue or yell back only informs him that he has an audience and boosts his misguided feeling of power. You can only hope that eventually he will tire himself out — after all a brain that small cannot hold too large a vocabulary, can it?

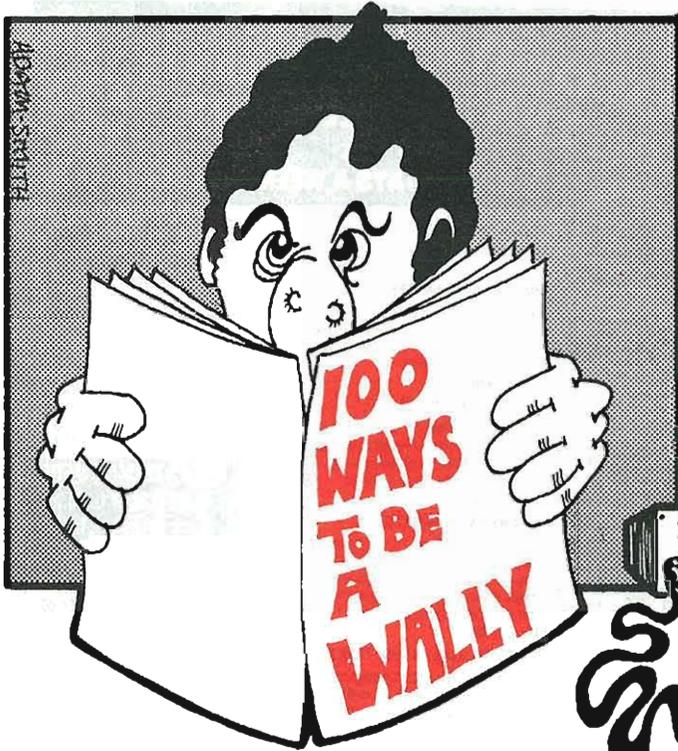
Just before you hit that off switch some distant breaker, during a momentary delay in the string of expletives, asks the wally if his parents were married!

It must be supposed, in some way, that the swearing wally is a very sick person akin to those ill people in every community who misuse the telephone service. However, not so the pair of wallies who hog the breaking channel and ignore or refuse all polite and tempered requests to 'clear it'. These wallies are simply 'juvenile' as in 'not grown-up'. (No offence intended to the many junior breakers who ratchet away and thoroughly enjoy using the 10 code and follow the correct procedure for CB.)

Let's skip the poor imitations of Jim Davidson, whose pretend West Indian voices are just a small hiccup along life's highway and move on to the music-loving wally who wishes to share that love with other breakers, whether they like it or not! This so-called breaker keys his microphone, for long periods, to a radio or record player speaker, thus again, rendering the one-

WALLIES

INVESTIGATED



four both noisy and useless. Probably a home base and not too difficult to pinpoint for local breakers.

What do genuine CB users do about these wallies who give the whole service a bad name and add to the theory that people who simply want to

communicate are mindless folk with funny names who speak a strange language? I tried to find out by phoning British Telecom. Well, I'm legal now and pay for the service, don't I????

British Telecom referred me to the Home Office and, to truncate a lengthy

conversation, there is not much they can do about the lunatic fringe!

They will deal with specific and identifiable infringements of the licence but do not themselves monitor the channels. Such policing would need enormous resources and would inevitably result in a mightily increased licence fee and tighter user regulations. Two items not to be encouraged! They hope the system will be self-policing, so the solution to the problem of the persistent wally is where it should be — in our hands. Organise and obliterate — gently.

Good hunting.

P.S.

Nil desperandum. One or two wallies are not really wallies at all, just breakers in wallies' clothing for the odd event.



The deep, slow, soulful voice modulated on the one-four:

'Anybody want a boring copy?'

'Copy copy the breaker, you've got the Scallawag — come back with yer 'andle.'

'Hello Scallawag, you've got Mr. Bore here.'

'Pick a window Mr. Bore.'

'Ah yes . . . a window . . . well I suppose we could try 18.'

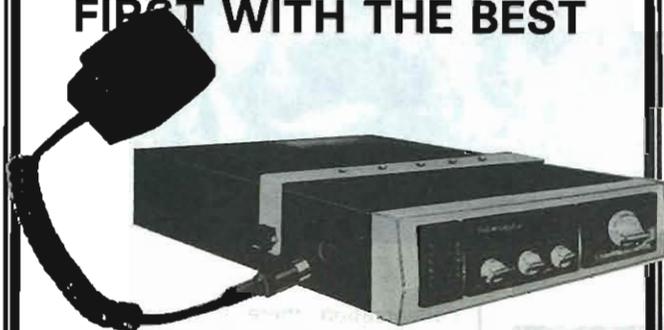
'Copy copy Mr. Bore, on channel?'

'Hello Scallawag . . . the weather has been pretty boring for this time of year hasn't it'

Once or twice around, this sort of thing can be amusing. More than that, it's boring!

CB

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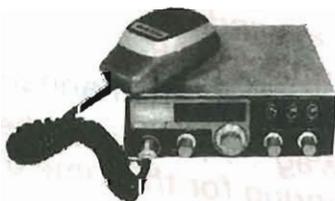
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Handle _____

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 oficis in alia... oficis... a sum... immun... alia

Another selection from our vast post bag. This month we feature a number of replies to a letter published in the January issue regarding the use of handles and slang.

Welsh Meet Again . . .

Dear CB,
 I was browsing through your January issue and read the article on Welsh Rabbit. I am writing to inform all you English people who are a bit 10-1 on Welsh, that Citizens' Band Radio is known as Radio'r Wenn. A Citizens' Band Radio licence is known as Trydded Radio'r Wenn which you correctly stated, but this (literally translated) means Licence Citizens' Band Radio. You also stated that CB radio was known as Trwydded Radio which is incorrect; this means Licence Radio. So therefore you literally translated it also!

Anyway, all the high numbers.
**The General Saint,
 Cardiff.**

The Bottom Line

Dear CB,
 Are your readers (or potential readers) really such a bunch of mindless morons that they have to be wooed by covers like the January issue?

Yes, I know the stock answer: what's the harm in a picture of a pretty girl?

Well, there's plenty of harm, actually; this sort of cover seems genuinely degrading to a lot of people, because:

- a. It's obviously totally irrelevant to the subject matter;
- b. It cheapens women;
- c. It encourages men to think of women as objects to be bought and sold or, as your cover put it 'picked up'.

Please try to take a more responsible attitude towards your readers. A lot of them are young people — predominantly young men I should think — and it would be nice if they could be encouraged to think of the opposite sex as people like themselves, not commodities.

Incidentally, nude models command very high fees for their services. If you can afford £300 or more for a view of the lady's bottom, why not lower the

price of the magazine instead?
**H Cohen,
 Herts.**

(Have we got it right this time? — Ed.)

Keep That Handle!

Dear CB,
 I completely disagree with GLB's letter in the January Backchat. I think handles are part of the fun in CB-ing. They are not childish and it is much easier to say your handle instead of a muddle of numbers and letters. It might be a help in emergencies, but then how many times do you find someone breaking on channel 9 for help who is in such trouble that you have to tell his family? I am sure most breakers will keep to using handles.

**Moontiger,
 West Sussex.**

Calling All Crooks

Dear CB,
 May I reply to GLB's letter in your January issue? Well Mr GLB, I feel strongly in respect to your comments about — as you say — breaker's inane and childish handles.

First, I would point out that if it were not for these people with their handles who, like myself, have been on the air for a long time, I doubt if you would have a legalised FM system now. Like thousands of other breakers, I am proud of my handle and will continue to use it.

Regarding your other proposal re: Postcodes, etc. What you may not realise is that your Postcode more-or-less pinpoints the road you live in. What happens when others in your road go on the air? Do you add your initials to your Postcode or your house number? Wouldn't take our house-breaking fraternity long to work the rest out! Or you could do something stupid, like I overheard an FM breaker do just before Christmas. This person was chatting

away with another breaker and gave him his name and address. Later during their conversation he informed the other breaker that he and his family were going away for five days over Christmas. I was only listening on the side, but I wonder how many others were and maybe crooked ones. Like I said, I will stick to my handle.

Ski,
Walsall.

Sling The Slang

Dear CB,
I heartily agree with Neil Smith and G.L.B. (January issue) on the use of this ridiculous CB slanguage. Now that CB is legal, can't we use the Queen's English and have intelligent conversations and discussions on the Band, instead of all that moronic chatter? We don't hear this on the Amateur Bands.
RCS,
Sussex.

Housewife's Choice

Dear CB,
Re: Neil Smith's letter headed "Communications Dustbin", I heartily agree with every word he says. CB is becoming the dustbin of radio communication and most certainly the hobby of the less intelligent who play with their expensive toys, bucket mouth abusive rubbish in unintelligible pseudo-American accents and play pop records. Have any of them heard of a code of practice I wonder? Or care?

I share the hope that a number of sensible and responsible operators will come in to being now that legalisation is here, but I'm not very optimistic. Indeed my pessimism was deepened today by a full-page spread in a national daily paper which trumpets loudly 'Excitement for Motorists, Housewives and Kids... Fun for Everyone - Any Age (Of course there is no mention anywhere in the ad that a CB licence is needed).

This I regard as irresponsible advertising which can only lead to a lot of people being conned into spending a lot of money on rigs they don't understand and can't use properly. Also, the prospect of the airwaves being filled with rabbiting housewives and squawking kids in addition to the present plague of wallies makes one shudder.

The radio hams and the RSGB must be busting their sides.
M de Barras,
Southsea.

The Spirit Knows . . .

Dear CB,
I am writing in answer to the letter from GLB in January's Back Chat. No wonder he asked for his name and address to be withheld - I would have done if I'd written something like that!

Can you really imagine using Postcodes as call signs. His next door neighbour's call sign would come over as November Golf One Three Quebec

Zulu Alpha . . . he'd block the breaking channel for three minutes solid. As for being useful for identifying the source of an emergency transmission, hands up all those who know all the Postcodes in their city.

I only have to hear a handle of a base station in my area and I know exactly where they are. I can only assume that GLB is a new breaker and is scraping the bottom of the barrel for a decent handle.

I'm sorry but I think it's back to the drawing board. No hard feelings I hope.
The Spirit,
Portsmouth.

Long Live The Lingo!

Dear CB,
I feel I must write on the subject of CB slang versus plain speech as I wholeheartedly agreed with Metal Chicken that it is a shame FM users have started to use plain speech instead of CB lingo.

After all, CB is a two-way communications system with its own exclusive language and the regulations regarding plain speech are examples of stupid bureaucracy relegating CB to a 'glorified cordless telephone'. Also in January's Back Chat, GLB and Neil Smith do not seem to realise how the FM system is in any way related to the original AM CBers.

I would suggest that if GLB is not prepared to accept adopting a call sign or handle then he should join the ranks of the radio hams. As for his idea of Postcodes, in the case of a 10-33 I doubt very much if your average breaker would know where NG1 3QZ was! People do not seem to realise that it is not just newcomers using the FM system but original AM breakers like myself who want a system on the right side of the law. We do not want to be palmed off by a telephone substitute.

CB was spread in America by truckers who used the CB lingo, so I do not know how Neil Smith can say that plain speech is the way the facility was intended to be used. Remember, if you see a person wearing a cowboy hat, a coat covered in badges muttering jargon in a pseudo-American accent - that is how CB was meant to be and that is how it should stay!

Throttle Twister,
Lancashire.

What's In A Name?

Dear CB,
The first three letters of January's Back Chat all have a common theme and make very valid points. As GLB said, the FM system is legal now and anonymity is no longer necessary - this is true but a caller like 'Mack the Hack' or 'Medicman' should easily be identified in the same way that legal amateurs have a registered call sign by which they can be identified. Our handles should become our own unique call sign, after all how many John Browns, Jim Clarkes or Tom Smiths are there? We should be proud of a good handle - the only people who do not

like to be identified with handles are the 'foul mouths'.

Jargon for jargon's sake is senseless - I've said it before and I'll say it again. There is however, a subtle balance that can be maintained where jargon and plain language compliment each other and make messages clearer. This is the state we should strive for.

Citizens' Band was, if my memory serves me right, the first magazine to publish a Handbook & Directory of Handles back in Autumn '80. Get the thing together lads - we need a new edition more than ever now. There are too many 'we will register your handle for £Xs' appearing with no guarantee that they will prevent another CB operator using an already registered handle. What we need is a complete register of handles already in use so that other alternatives can be found.

L Brett,
Kent.

Postcode Persuasion

Dear CB,
I write to applaud GLB's letter, (Jan '82 issue) regarding the use of Postcodes as handles even though they may not be as colourful as the established 'Rubber Duck' type.

May I first draw your attention to the enclosed Post Office booklet 'Using Postcodes in Business Systems' noting the section on page 6 which outlines the method for forming personal codes simply by adding the house number (or first characters of the address) to the normal PC. It would seem that the Post Office had pre-empted GLB's suggestion of using A,B,C, etc suffixes.

Going further, other advantages of the system which may not be immediately obvious are its unique format where, as more of the code is quoted, more closer localization is given. As an example, if I am away from home (holidays?) and wish to be brief, PR says "Preston" PR4 says "South West rural area of Preston" PR45 says "Longton village area" and the PR4 5NP says "Gorse Grove" adding the final number to locate my home.

As a final consideration it may not be wise to disclose over the air the fact that you are not in residence at a particular time as this information can be put to use by earwiggling felons. Using Postcodes can pass on your address in a less obvious way, which cannot be put to immediate casual use unless, of course, would-be intruders are very well organised.

Peter Walton,
(Papa Romeo Four),
Preston.

P.S. I do have a slight vested interest, as a Postal electronics engineer (but only mildly related to Buzby!).

CB

Letters intended for publication should be addressed to: Backchat, Citizens' Band, 145 Charing Cross Road, London WC2H 0EE. Letters not containing a name and address will not be considered for publication.

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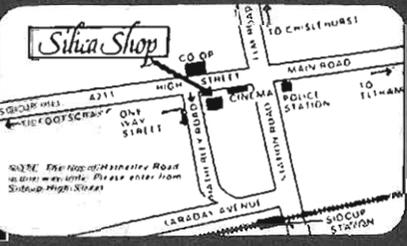
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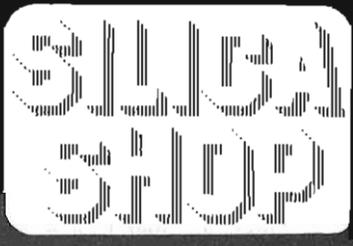
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BRITISH FM

As you can see, the ever-expanding rig checklist contains nearly 100 models of legal FM CB rig, but how many of them are actually different?

You can see from the checklists on the following four pages that there are nearly one hundred models of CB rigs on the market. It would be tempting to surmise that all the models are different, unfortunately this is not the case, probably only thirty or so of all the rigs on the market are actually unique. The other seventy are all cosmetic variations or badge engineered versions of the original thirty.

This situation is hardly surprising when you consider that there are only four major manufacturers of CB rigs in the whole world, plus only a handful of other companies producing rigs in any real quantity.

The big four are probably all familiar to you by now, they are: Cybernet, Uniden, Great and AE. Between them they manufacture something like 80% of all the CB rigs in the world.

Many of the rigs designed for use with UK FM CB are not actually all that new, in fact some of the basic chassis designs have been around for some years; this is well illustrated by the positioning of the microphone socket, intended mainly for the American, Australian and European markets where driving on the right-hand side of the road is the norm.

Buying a CB rig at the moment can be a real headache. A couple of months ago it was simple, the choice was limited and the prices were all fairly similar. In the past few weeks the initial supply problems have all been resolved and many rigs are now selling at up to £20 below their pre-Christmas price.

Much has been written in the national press about CB being a commercial disaster — this is just not true. However, there has been a few surprises. First: CB never assumed 'cult' status as many had predicted. Instead, we estimate that around 75% of all new CB rigs are being sold to ex-AM Cbers. We are in effect preaching to the converted. The newcomers, around 25% of the market, are discovering CB for themselves, indeed it is a sad fact that many potential Cbers are being put off by the general assumption that CB can only be used by people prepared to assume pseudo-American accents and long vocabularies of jargon and slang.

This is simply not so. Anyone can use CB and providing they follow the commonsense rules, can speak in English, American, even Chinese, providing it is in plain speech.

NAME	ADDRESSES	MODEL
AMSTRAD	Amstrad Consumer Electronics, 1-7 Garmen Road, London N17.	CB 900
AMSTRAD		CB 901
BARRACUDA	Halfords Motor Accessory Shops.	GT 868
BARRACUDA		HB 940
BEAR	Air Bear (UK) Ltd, Wortley, Sheffield.	RHB35
BINATONE	Binatone House, Beresford Avenue, Wembley, Middx HA0 1YX.	BREAKER PHONE
BINATONE		BEAM BREAKER
BINATONE		ROUTE 66
BINATONE		LONGRANGER
BINATONE		POWER BASE 5
BINATONE		SPEEDWAY
COBRA	Mura (UK) Ltd, High Rd, Willlesden, London NW10.	21XFM
COLT	Shellpost, 183 The Rock, Bury Lincs.	295
COMMTRON	ADS Ltd, Blackpool, Lancs.	CB40F
CYBERNET	Goodmans Loudspeakers Ltd, Downfay Road, Havant, Hants PO92NL	BETA 1000
CYBERNET		BETA 2000
CYBERNET		BETA 3000
DNT	Radiotechnic, Jersey, Channel Islands.	B40FM
DNT		HF12/3FM
DNT		HF13/40FM
DNT		M40 FM
EUROCOMM	Zycomm Electronics, Ripley, Derby.	EURO 40
FIDELITY	Fidelity Radio Ltd, Victoria Road, London NW10.	CB 1000M
FIDELITY		CB 2000M
GRANDSTAND	Bee-Ware Ltd, Ripon Way, Harrogate, North Yorkshre.	BLUEBIRD
GRANDSTAND		HAWK
GRANDSTAND		GEMINI
GRANDSTAND		BASE
GREAT	Britannia Trading, Northern Road, Sudbury, Suffolk.	GT-858B
HAM INT.	26 Buckland Road, Leicester	EXPLORER
HAM INT.		MARINER
HAM INT.		HERCULES
HARRIER	Dixons Photographic Ltd.	CB HQ
HARRIER		CB MOBILE
HARRIER		CBX
HARRIER		WT1
HARRIER		WT2
HARVARD	Harris Overseas Ltd, Harvard House, 14-16 Thames Road, Barking, Essex.	400 M
HARVARD		402 MPA
HARVARD		420 M
HARVARD		020
HARVARD		410 T
INTERCEPTOR	Chelsea CB Centre, 73-77 Brittainia Road, London.	INTERCEPTOR

RIG CHECKLIST



TYPE: M,B or P	NO. OF CHANNELS	SQUELCH	NB SWITCH	ANL SWITCH	MIKE GAIN	RF GAIN	TO NE CONTROL	S/RF METER	S/RF LED R/O	HI/LO OUTPUT	PA FACILITY	EX-SPEAKER JACK	TX IND. LIGHT	RX IND. LIGHT	CH 9 SWITCH	SUPPLY VOLTAGE	RETAIL PRICE	
M	40	•				•	•		•	•		•	•	•		13.8VDC	£79	AMSTRAD
M	40	•				•	•		•	•	•	•	•	•	•	13.8VDC	£95	AMSTRAD
M	40	•				•		•		•		•	•			13.8VDC	£70	BARRACUDA
M	40	•			•	•	•	•		•	•	•	•	•	•	13.8VDC	£85	BARRACUDA
P	3	•											•			BATTERIES	£44	BEAR
M	40	•			•				•	•	•	•	•	•		13.8VDC	£99	BINATONE
M	40	•	•					•		•		•	•			13.8VDC	£79.95	BINATONE
M	40	•						•		•	•	•	•	•		13.8VDC	£79.95	BINATONE
P	12	•								•						BATTERY	£60	BINATONE
B	40	•				•	•	•		•		•	•	•	•	240VAC	£99	BINATONE
M	40	•						•		•		•	•			13.8VDC	£69.95	BINATONE
M	40	•						•		•	•	•	•			13.8VDC	£79.00	COBRA
M	40	•				•		•		•	•	•	•			13.8VDC	£TBA	COLT
M	40	•						•		•		•	•		•	13.8VDC	£70	COMMTRON
M	40	•							•	•		•				13.8VDC	£80	CYBERNET
M	40	•				•	•		•	•	•	•	•	•		13.8VDC	£90	CYBERNET
M	40	•				•	•		•	•	•	•	•	•	•	13.8VDC	£100	CYBERNET
B	40	•				•		•		•		•	•	•		240VAC	£95.50	DNT
P	3	•														BATTERY	£41.35	DNT
P	40	•						•				•	•			BATTERY	£70.82	DNT
M	40	•				•		•		•		•	•			13.8VDC	£85.43	DNT
M	40	•						•		•	•	•	•	•	•	13.8VDC	£69	EUROCOMM
M	40	•						•		•		•				13.8VDC	£70	FIDELITY
M	40	•			•	•	•	•		•	•	•			•	13.8VDC	£90	FIDELITY
M	40	•						•		•		•	•			13.8VDC	£89.95	GRANDSTAND
M	40	•				•		•		•		•	•	•		13.8VDC	£79	GRANDSTAND
M	40	•	•			•			•			•	•	•		13.8VDC	£122	GRANDSTAND
B	40	•				•		•				•	•	•		240VAC	£225	GRANDSTAND
M	40	•						•		•	•	•				13.8VDC	£65	GREAT
M	40	•					•	•		•	•	•	•			13.8VDC	£75	HAM INT.
M	40	•		•	•	•	•	•		•	•	•	•	•		13.8VDC	£110	HAM INT.
B	40	•		•	•	•	•	•		•	•	•	•	•		240VAC	£170	HAM INT.
B	40	•				•	•	•		•		•	•	•	•	240VDC	£130	HARRIER
M	40	•						•		•		•	•			13.8VDC	£70	HARRIER
M	40	•			•	•	•	•		•	•	•	•	•	•	13.8VDC	£100	HARRIER
P	2	•											•			BATTERY	£25	HARRIER
P	40	•						•					•	•		BATTERY	£65	HARRIER
M	40	•				•		•		•		•	•	•	•	13.8VDC	£80	HARVARD
M	40	•						•		•	•	•				13.8VDC	£80	HARVARD
M	40	•				•	•	•		•	•	•			•	13.8VDC	£100	HARVARD
P	2	•											•			BATTERY	£20	HARVARD
P	40	•										•	•	•	•	8xAA Cell	£80	HARVARD
M	40	•				•		•	•	•		•	•	•		13.8VDC	£80	INTERCEPTOR

BRITISH FM

The unique CB FM rig checkist now has nearly 100 entries, detailing functions, price and availability. Who said no-one would bother producing UK CB rigs?

Second: before Christmas rigs were scarce and expensive, enough reason to put anyone off during a recession.

Third: the absurd rumour that AM was going to be legalised and that AM rigs were being returned with seals on the controls and antenna socket saying 'do not open until April' or similar. It was a hoax on the grand scale and did a lot of damage to the CB industry.

Fourth: we hope to help people understand that CB is not just for talking to other breakers, yes, of course that is the main use but we hope to show people that CB has literally thousands of other uses. These range from business use to marine use; it can be used on the farm; at outdoor events for crowd control; marshalling — the list is endless. Until the full potential of CB has been explored the level of interest will remain fairly low and very much the province of the dedicated enthusiast.

And lastly, now that rig prices are coming down to a realistic level we hope to see a gradual increase in the numbers of newcomers. It is a fact of life that the severe weather conditions earlier this year prompted many people to go out and buy rigs not just for pleasure but as devices that one day may save their lives. These people will discover the value of CB and we hope that by offering a complete run down of all the currently available rigs, people will be able to make their selections wisely.



NAME	ADDRESSES	MODEL
INTERCEPTOR		TC400
INTERCEPTOR		ONE HANDER
INTERCEPTOR		HB600
JOHNSON	Star Warehouse, Chaik Farm Road, London.	JOHNSON
JWR	John Woolfe Raolng, Woolfe House, Norse Road, Bedford MK41 0LF.	M1
JWR		M2
JWR		M3
KAISER	Kaiser Electronics, Neurottstrasse 21-26, Waldorf, Baden, W Germany	UK40
KAISER		CBX40
LAKE	ADS Ltd, Blackpool, Lancs.	MANXMAN 850
LAKE		MANXMAN 950
LCL	LCL Imports Ltd, 101 Dixons Green, Dudley, W. Midlands.	CB401
LCL		440DX
LOWE	Lowe Electronics, Matlock, Derbyshire.	TX40
MAJOR	Unit 2, Station Yard, Wilbraham Road, Fulbourn, Cambs.	3000
MAJOR		MAJOR 2000
MAJOR		MAJOR 4000
MAJOR		MAJOR 5000
MICROLINK	Warman-Freed Ltd, 82 Golders Green Rd, London NW11.	CB401
MIDLAND	Plustronix Ltd, Hempstalls Lane, Newcastle-under-Lyme, Staffs.	2001
MIDLAND		3001
MIDLAND		4001
MIDLAND		75-72
MIDLAND		77-810
MIDLAND		HHP
OSCAR	South Midlands Communications, Osborne House, Torton, Southampton.	OSCAR 1
RADIOMOBILE	Goodwood Works, North Circular Road, London NW2 7JS.	201
RADIOMOBILE		202
RANGER	Modus Systems Ltd, 29a Eastcheap, Letchworth, Herts SG6 3DA.	RANGER
REFTEC	RF Technology Ltd, Layton Avenue Ind Est, Mildenhall, Suffolk	934
ROTEL	Rotal Hi-Fi, 2-4 Emce Road, Stacey Bushes, Milton Keynes.	RVC 220
ROTEL		RVC 230
ROTEL		RVC 240
S & M	S & M Ltd, Haverhill Suffolk.	ANGLIA
SAPPHIRE	Marginplan Ltd, Hope Road, Leeds.	2000X
SIRTEL	24 Alfric Square, Off Maxwell Road, Woodston Ind Est, Peterborough.	SEARCHER
STEEPLETONE	Steepletone Ltd, Park End Works, Croughton, Nr Brackley, Northants.	SCBIFM
SUNRISE	8a West Smithfield, London EC1	SAMURI
TANDY	Tandy Corporation, Tame Way Tower, Bridge St., Walsall, W. Midlands WS1 1LA.	TRC 1001
TANDY		TRC2001
TANDY		TRC 2002
TANDY		TRC 2000
TENVOX	Voxon Audio Ltd, Abingdon, Oxon.	TENVOX

RIG CHECKLIST



TYPE: M, B or P	NO. OF CHANNELS	SQUELCH	NB SWITCH	ANL SWITCH	MIKE GAIN	RF GAIN	STONE CONTROL	S/RF METER	S/RF LED R/O	HI/LO OUTPUT	PA FACILITY	EX. SPEAKER JACK	TX IND. LIGHT	RX IND. LIGHT	CH 9 SWITCH	SUPPLY VOLTAGE	RETAIL PRICE	
M	40	•		•	•	•	•	•		•		•	•	•		13.8VDC	£95	INTERCEPTOR
M	40	•			•	•	•		•			•	•	•		13.8VDC	£100	INTERCEPTOR
B	40	•			•	•	•	•		•	•	•	•	•		240VAC	£180-200	INTERCEPTOR
M	40	•				•		•		•	•	•				13.8VDC	£50	JOHNSON
M	40	•						•		•		•			•	13.8VDC	£65	JWR
M	40	•						•		•		•	•			13.8VDC	£60	JWR
M	40	•	•			•		•		•		•	•	•		13.8VDC	£90	JWR
M	40	•						•		•	•	•	•	•		13.8VDC	£TBA	KAISER
P	40	•		•				•		•		•	•			BATTERY	£TBA	KAISER
M	40	•						•		•						13.8VDC	£88	LAKE
M	40	•				•		•		•	•	•			•	13.8VDC	£95	LAKE
M	40	•					•	•		•		•	•	•		13.8VDC	£TBA	LCL
M	40	•				•	•	•		•		•	•	•		13.8VDC	£TBA	LCL
M	40	•				•		•		•		•	•	•		13.8VDC	£70	LOWE
M	40	•						•		•		•				13.8VDC	£76	MAJOR
M	40	•				•		•		•	•	•	•			13.8VDC	£69	MAJOR
B	40	•					•	•		•		•	•	•	•	240VAC	£120	MAJOR
M	40	•			•	•	•	•		•	•	•			•	13.8VDC	£89	MAJOR
M	40	•				•		•		•	•	•	•	•		13.8VDC	£115	MICROLINK
M	40	•					•	•		•		•	•			13.8VDC	£76	MIDLAND
M	40	•	•			•		•		•	•				•	13.8VDC	£80	MIDLAND
M	40	•	•			•		•		•	•		•			13.8VDC	£90	MIDLAND
P	3	•			•								•			BATTERIES	£60	MIDLAND
M	40	•						•		•		•	•		•	13.8VDC	£73	MIDLAND
P	3	•											•			BATTERY	£TBA	MIDLAND
M	40	•						•		•		•			•	13.8VDC	£85	OSCAR
M	40	•							•	•		•				13.8VDC	£80-90	RADIOMOBILE
M	40	•				•	•		•	•	•	•	•	•	•	13.8VDC	£120	RADIOMOBILE
P	8	•										•	•			12VDC	£80	RANGER
M	20	•						•				•	•			13.8VDC	£TBA	REFTEC
M	40	•						•		•		•	•			13.8VDC	£70	ROTEL
M	40	•				•	•	•		•	•	•	•	•		13.8VDC	£80	ROTEL
M	40	•			•	•	•	•		•	•	•				13.8VDC	£90	ROTEL
M	40	•				•		•		•	•	•	•	•		13.8VDC	£68	SAPPHIRE
M	40	•				•		•		•	•	•	•	•		13.8VDC	£TBA	S & M
M	40	•						•		•	•	•	•			13.8VDC	£TBA	SIRTEL
M	40	•							•	•		•	•	•		13.8VDC	£103	STEEPLETONE
M	40	•				•	•		•	•	•	•	•			13.8VDC	£99	SUNRISE
P	40	•						•		•		•				12VDC	£119	TANDY
M	40	•						•		•	•	•	•			13.8VDC	£80	TANDY
M	40	•						•		•	•	•	•			13.8VDC	£TBA	TANDY
M	40	•			•	•		•		•	•	•	•			13.8VDC	£TBA	TANDY
M	40	•							•			•	•		•	13.8VDC	£100	TENVOX



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NAME	ADDRESSES	MODEL
TRANSCOM	Transcom Ltd, Market St, Bracknell, Berks	GBX 2000
TRANSCOM		GBX 4000
TRINITY	EMU Systems Ltd, Huntingdon, Cambs.	EMU
UNIDEN		UNIACE 100
UNIDEN		UNIACE 200
VIPER	Radio 88, Barking, Essex.	VIPER 88
WR ELECTROTEK	25 Court Road, Bristol.	COMPANION
YORK	Sulkin (UK) Ltd, 73 Grosvenor Street, London W1X 9DD.	JCB 861
YORK		JCB 863

ANTENNA CHECKLIST

Turn this page around and you'll see over seventy legal FM antennas. For most of you into base-station operation you'll also find the first of the long-awaited base-station twigs.

Key:	
Price Bands	Construction
A:- £1 — £4.99	SS — Stainless Steel
B:- £5 — £9.99	AL — Aluminium
C:- £10 — £14.99	FG — Fibreglass
D:- £15 — £19.99	Application
E:- £20 — £24.99	M — Mobile
F:- £25 — £29.99	B/H — Base
G:- £30 — £39.99	
H:- £40 Plus	
Note: Prices are given as a guide only.	

MAKE	ADDRESS	Name	Construction	Length	Max power	Type	Mount	Price
ALLCOM	Allicom, Holland.	DPA 2UK	AL	1.5	100	M	—	E
		AS M125	SS	1.14	150	M	¾"	C
		AS M128	SS	1.14	150	M	—	C
		AS M131	SS	1.14	150	M	gutter	D
		AS MR 440	SS	1.2	100	M	mag	D
		AS MT17B	SS	1.2	150	M	mag	D
		AS MS10	SS	1.2	200	M	¾"	D
		AS M2000	SS	1.5	150	M	¾"	D
		AS 9812	SS	1.2	150	M	mag	D
		ANTLER	Antler, USA.	IC 85	SS	1M	—	M
IC 80	SS			1M	—	M	spring-based mag	E
IC 15	SS			1	—	M	trunk	C
IC 20	SS			1½	—	M	roof	D
IC 30	SS			1	—	M	gutter	D
ARCHER ARMSTRONG	Tandy Corporation, Wednesbury, Yorkshire.	IC 40	SS	1½	—	M	mirror	E
		IC 80	SS	1½	—	M	mag	D
		21-904	SS	0.5	50	M	¾" snap	D
AVANTI	Avanti, 340 Stewart Avenue, Addison, Illinois, USA.	1.06	—	—	M	super mag	G	
		AV 241 (Moonraker)	SS	1.22	—	M	stud	D
		AV 241 T	SS	1.22	—	M	trunk	E
		AV 241 M	SS	1.22	—	M	mag	E
		AV 241 MM	SS	1.22	—	M	super	G

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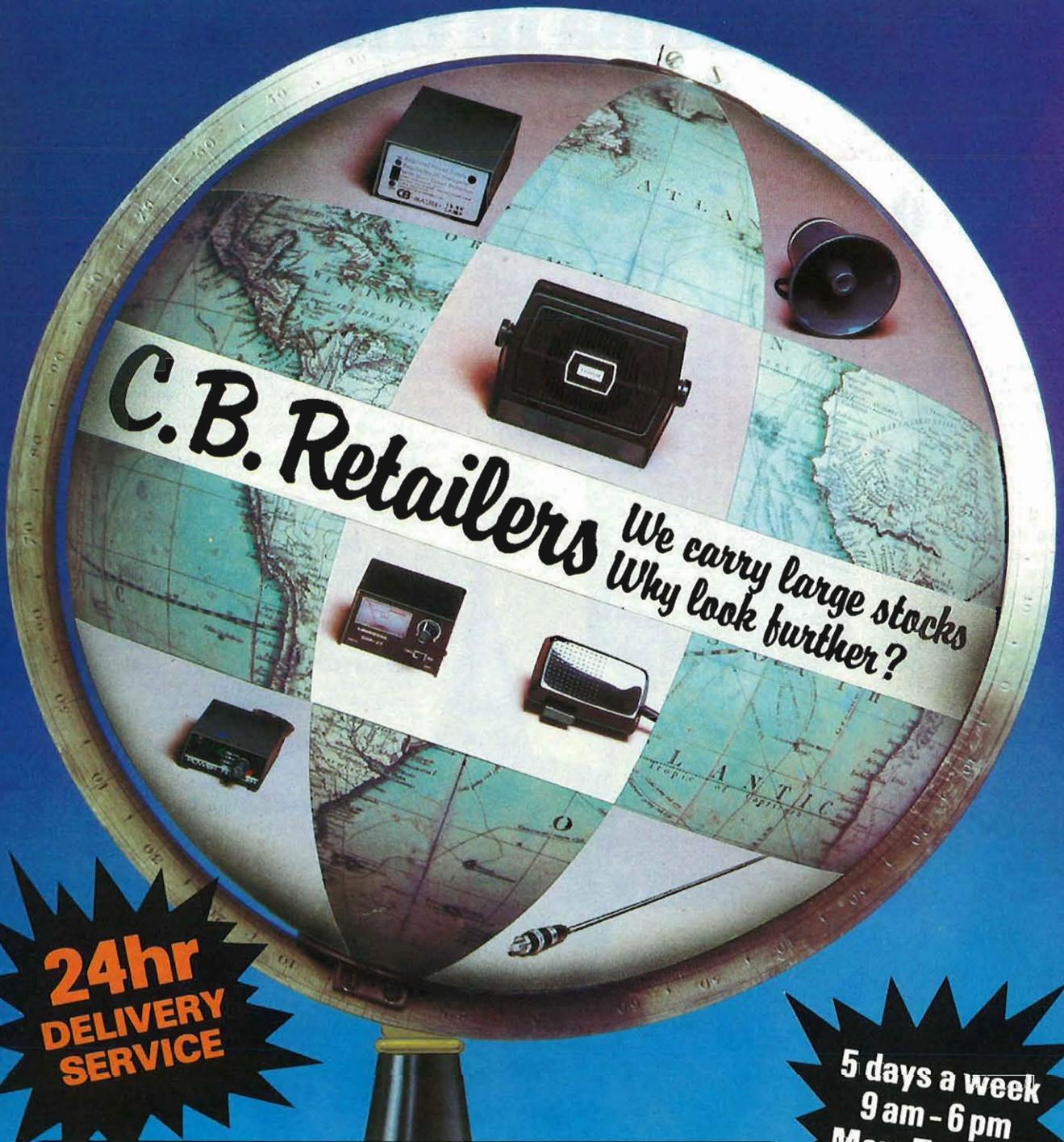
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...Here's what CB'ers all across the U.S.A. said.

ANTENNA SPECIALISTS: "... truck driver and CB'er for 10 years ... 50% further than my M410 'Big Momma'."

—J.H. Collett, 207 McFee, Bastrop, LA

AVANTI: "I'm an electronic technician with a Second Class FCC license ... I was able to transmit 70% further and tune the SWR 75% lower than my Avanti."

—H.R. Castro, VRB, Monserrante D-67, Salinas, Puerto Rico

PAL: "... 20% better in transmission and reception than my 5/8 wave Pal Firestick."

—John A. Blum, Box 446, Zellenolple, PA

SHAKESPEARE: "... I've been a CB'er for three years and the K40 is the best I've ever had. Better in reception and transmission than my Shakespeare."

—H. Bachert, Jr., 15 King Rd., Park Ridge, NJ

HUSTLER: "Compared to my Hustler XBLT-4, the K40 can consistently transmit 40% further and the reception was better. The K40 is the perfect way to complete a CB system."

—Jerome R. Brown, 7800 S. Linder, Burbank, IL



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(SPECIAL NOTE) IF YOU'RE A BEGINNER:

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