

CB NEWS

FIFTH ISSUE

60p

A woman in a blue uniform and cap stands next to a large orange truck. She is holding a white envelope and looking towards the driver. The driver is visible in the cab, holding a phone. A speech bubble from the woman contains the text. The truck has a large chrome grille and multiple headlights. The background shows a blue house and a pink house.

FOXY LADY - I'VE
BEEN BIT ON THE SEAT
OF THE BRITCHES BY
A HONEY BEAR!

OVER
£500
IN PRIZES
TO BE WON!

CB NEWS

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CB NEWS

HIGH STREET WAR?

EDITORIAL

High Street competition for the projected Citizens Band radio business is beginning to hot up. Even some of the more conservative electrical chains are stocking CB accessories, obviously to "test the market" prior to legislation! Fierce competition however will obviously come from the Tandy Group. In recent months the Tandy Corporation have opened up "over 200 friendly Tandy stores in the UK, and more are opening all the time." Tandy own and operate 21 factories in 5 countries, including 17 in the USA and others in Canada, Japan, South Korea and Taiwan. They claim over a million square feet of manufacturing space which is enjoyed by a staggering 5,500 employees. It was Tandy's Radio Shack chain in the States which brought CB radio within easy reach of the general public during it's rapid growth in the mid seventies — their CB equipment trade marks "Realistic" and "Archer" becoming household names. Tandy's current British Catalogue illustrates some CB equipment, but is careful to point out that such products are not available for sale within the U.K. Purists might well scoff at this off the shelf approach, but it's my betting that the British public will flock in Tandy's direction, and in the direction of similar merchandisers, once legislation is realised. Those already in the "under the counter" market place should look-lively if they hope to maintain the minimal lead they have so far illegally created.

It was during May of 1976 that I was first introduced to CB in the States. I was in Memphis on business, and by chance attended a Ramada Inns area sales pow-wow as a guest. At that time Ramada had a property on Highway 51 South which was mostly frequented by truckers having all the facilities for massive off highway overnight parking. The sales lady was a real "foxy lady" called Shirley Harp, and had the most sensational pair of legs east of the Mississippi. Shirley had a super handle "Hot Lips", and it was during

her in-hotel stint on-air that she would confirm truckers accommodations via Citizens Band Radio. A year later in Cincinnati, Ohio I saw CB at work in industry, when a film crew assigned to CBS Television were co-ordinating the filming of a cavalcade of coaches. The task would have been made impossible had it not been for CB Radio — the crew did not have prior knowledge of which highway was being used for the arrival of this "caravan" of busses.

During my many visits to the States I have learnt that the blacks have their own brand of CB Slang, though we won't confuse you more by reproducing some of their jive-talk. I doubt if we would be able to, though while highly amusing, I fear publication would be in breach of British race laws. (It's interesting to note here, that whilst compiling issue number 1 of CB News, we came across a stumbling block. In our Jive Talking section we used the slang "Coon-Ass Fruit Juice" as referring to coffee. The Q.C. reading the copy objected as he decided that this would be an affront to the race relations act. We couldn't publish unless this phrase was removed. So to avoid any delay and possibly missing publication date we agreed without argument. A coon-ass is an American term for a resident of New Orleans, and as most are descended from French Stock there are no racial overtones.)

It's refreshing to note that in the United Kingdom our research has revealed that Asian communities are taking readily to CB as a form of communication. Though it's reported that their broadcasts are in their own tongue, the Americanisms of "Give me a copy" and "Whats your 20" are used in English.

Whilst we go to press with issue number 5 your editor will be attending the US Nationwide annual CB Jamboree being staged at Ringling Bros and Barnum & Bailey's Circus World in Florida. At the same time we will be finalising our itinerary for our own CB News USA visit in September. CB News will be meeting up with Al Gross — the father of CB Radio, and the publishers of CB Voice — the monthly citizens band radio service newspaper in the U.S. Readers who have yet to send for an itinerary and booking form should do so soon, because we will be closing out shortly.

We'll be back next month with reports on the Jamboree, and more. Place a regular order for CB News.

CB NEWS advises all readers that to operate an unlicensed radio transmitter in the United Kingdom is an offence. It is also illegal to own, import or install such equipment. This publication should in no way be considered an incitement to own CB equipment prior to legislation.

THE EDITOR

900 MHz...The Known And The Unanswered

By Richard G. Vincent, Vice President
FIRESTIK Antenna Company

The task of nailing down the human safety factor in RF energy fields generated in and at the 900 MHz frequency ranges proves to be one of endless time. The further one progresses into this matter, it becomes more and more apparent that the actual danger to humans is far from being a known fact.

This is not the first time that this problem has been noted. As a matter of fact, it has been found that some 5,000 writings (books, research papers, etc.) exist today that look at the dangers surrounding RF radiation. This writing may be looked upon as a research of research with direction towards 900 plus MHz frequencies.

First off, it should be understood that RF radiation is present at all transmitting frequencies. We are exposed to these conditions every day of our lives. The question is, at what frequency and power density level does this RF radiation become harmful to human tissue? Most of us can rationalize that to sit inside a microwave oven would be an act of suicide as it is quite obvious what would happen at those frequencies and power densities. But what about "near" microwave frequencies?

In order for any communications device that operates over the airwaves to function, it must radiate RF energy. The energy leaves as an electromagnetic field and in its outward travel is absorbed, scattered or reflected by objects within its field. The radiation emissions are also of the non-ionizing type which, unlike the ionizing form associated with uranium, plutonium and other permanently radioactive materials, only exist when a signal is being transmitted.

Due to the complexity involved in determining a human danger level, several

researchers have attempted to conduct tests which would pinpoint potential danger. It should be noted that no actual tests have ever been performed on live human beings. At least, no one has stepped forward and taken credit or blame for such tests. There is, however, definition of the possible dangers that could occur. The first is tissue damage caused by heating, and the second is a biological change that can occur in the human cell structure.

As earlier stated, RF radiation will be absorbed by certain material types and one of these material types is most definitely human tissue. In tests conducted by a major electronics firm, it has been proven that a human being within an RF radiation field becomes an integral part of electromagnetic energy emitted by a transmitting device.

In fact, during testing specific percentages of energy deposited in the operator were recorded. On handheld units under normal conditions, it is clear from all available data that the user absorbs 60 percent of the power output. More specifically, 50 percent is absorbed by the hand, arm and body with the remaining 10 percent being absorbed by the head and neck. The dangers associated with this absorption are most definitely determined by the frequency and power density at which the signal is delivered.

In nearly all of the tests conducted in the 900 MHz frequency region, the output power of the transmitting device was approximately six watts. The power had to be held at that low level due to the lack of commercially-available test equipment. During a test in which a "phantom" model of an actual human skull covered with materials of the same dielectric constant

(ability to insulate against electrical energy at a given voltage) as human tissue was used.

The test concluded that at a distance of two inches from the transmitting device, the thermal heat change was said to be below harmful levels. At the same time, close proximity to the transmitter-antenna would cause possible severe RF burns to human tissue and, if it got close to the eye, it too would be burned. This brings to interest some aspects which would be the rule rather than the exception at 900 MHz.

At 900 MHz, the standard 1/4-wave antenna would stand only 3.25 inches tall. In order to obtain even the most acceptable performance from such a small antenna on practically all mobile installations the antenna would have to be mounted on the roof of the vehicle. This would give the optimum performance but at the same time put the high concentration of electromagnetic radiation which occurs at the tip of the antenna practically at or near eye level of most bystanders. This alone is very concerning, but other more concerning facts are known to exist with regard to antennas.

Because of the popularity of helical antennas, tests were conducted to determine the changes which occur when different antenna types were used. In these tests, it was found that the helical wire-wound 1/4-wave antenna emits an energy field that is three times greater than that of a standard 1/2-wave dipole. Because of the ability to reduce the size of the antenna by using the helical design, it was noted that, at a constant power, the reduction of the antenna length by a factor of three (which, in effect, concentrates the power to the tune of three times), the magnetic charge "density" will increase nine times and the electrical energy will increase 80 to 100 times.

With this increase, the danger in the far field becomes more important and bystanders are now within possible danger zones. As a matter of fact, and regardless of antenna type, the United States Depart-

ment of Labor, through the provisions of the Occupational Safety and Health Act of 1970, recommends the following precautions: "Do not operate the transmitter when someone outside the vehicle is within two feet of the mobile antenna," and also, "Do not operate the transmitter near unshielded electrical blasting caps or in an explosive atmosphere."

In addition to the above-mentioned information on mobile installations, if the ground plane dimensions are larger in terms of wavelength (and they are at 900 MHz), the currents on the antennas have 1.4 times the amplitude of those on dipoles for the same power input. In relation to energy density, this calculates to an increase which is larger by a factor of two.

All of the afore-mentioned information about field densities can be directly related to RF radiation absorption by human tissue. It should also be mentioned that there is a known medical procedure that is called diathermy. This process is used for deep thermal heating of human tissue and is described as having the ability to efficiently deposit energy deep into body tissue. The frequency commonly used for this process is 918 MHz.

Although it is possible to measure to some degree the thermal increases in human tissue, little or nothing is known

about potential danger to the electrical makeup of human tissue. There have been reports of subtle and reversible neurological and psychological side effects that have been written of in Eastern literature ("Biological Effects of Microwaves," written by S. Moranski and P. Czerski; Dowden, Hutchinson and Ross Publishers, Stroudsburg, PA, 1976).

The symptoms observed in workers employed for years in environments with 0.1 to 5.0 mw/cm² RF and microwave levels include lethargy (unnatural sleepiness), headache, impotence, loss of libido (in psychology, the emotional craving behind all human impulse often used by Freud to denote the sex urge) and irritability. Although these are not easily pinpointed to one necessary source of cause, radiation effects have been proven to increase by about 15 percent the effluz of calcium ions in the brains of experimental chickens and cats.

In summation, there appears to be enough evidence and belief at the scientific level which points to some real potential dangers created at radio frequencies above 450 MHz. Throughout the reports that were readily available, continuous warnings were given to transmitter operators such as, "keep away from children," "may cause severe RF burns," etc., etc. To arm

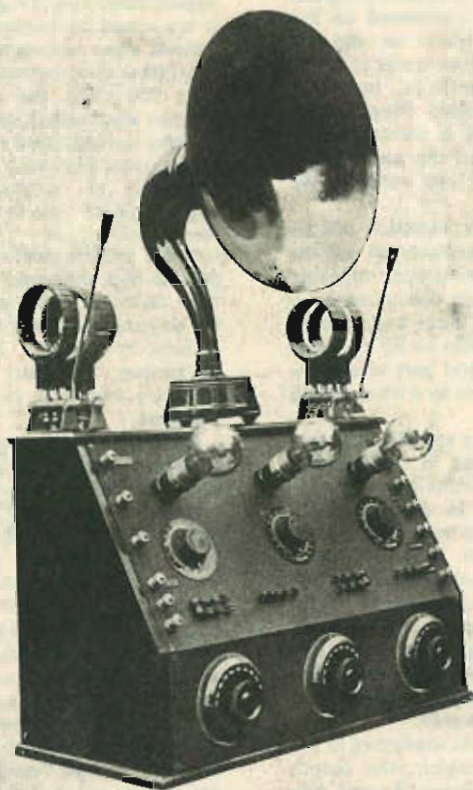
millions of consumers with transmitters in the 450 MHz and higher frequencies is not what I would call a move with the public's safety in mind.

I was privileged to speak with one of America's top authorities on the subject of RF radiation. In our discussion on 900 MHz, I brought up the question of power output at these high frequencies. I arbitrarily said 25 watts, and after a several second pause was told, "There are potential dangers at six watts on the 900 MHz band, especially to the user, but for the sake of all bystanders I would not like to see any condition where an excess of 10 watts were in use." I believe him!

It should be noted that, at frequencies of 30 MHz and lower, the radio is a relatively poor electromagnetic source, and second, the radiation penetration is dissipated into human tissue at a very wide arc and also at a non-focusing angle. This, along with effective penetration depth, spreads the absorbed energy over a large mass of tissue which prevents localized temperature increases.

In closing, may I say that 900 MHz communications can be safe when kept under very tightly controlled and limited quantity regulations. There are enough questions with unknown answers to bring up one final and very important question. Is 900 MHz a safe CB frequency?

IS THIS THE RIG ?



Exclusive! The Rig That Most Politicians Prefer - the 2.L.O. - which automatically tunes to Party Political Broadcasts, and shows bright red flashes when a breaker uses bad language on the air.

Bearing in mind all those leaks that come out of High Places these days (and we don't mean the water tank in the loft) we are able to reveal what may yet be the Most Favoured Rig, to be given the official seal of approval by the government.

The unit is called the 2.L.O., and is all valve, with bright red lights that flash whenever anyone within a radius of five miles says a Naughty Word. A fine tuner enables the set to be pointed in the direction of the Careless Cusser, and by pressing the Squelch Device, a remotely controlled fist emerges from the rear of the set being bad-mouthed, and clouts the Careless Cusser. This useful device, thought up by an emerging genius of British industry, will add only £175 to the cost of each set. However, more bright ideas are being added all the time. The gadget that at first appears to be a gramophone type horn is in fact a model aircraft catcher; as remote controlled zeppelins hurtle out of control to the ground, this model

aircraft catcher pushes out a channel of hot air which cushions the descent of the hurtling airship, etc. This useful device, suggested by a politician who wishes to remain anonymous, will add only £150 to the cost of each rig.

A special FM signal breaks into usual operation to broadcast any politician saying anything of consequence, which means, on average, you get your own casual conversation for about ten minutes every day.

As this wonderful outfit weighs more than a few kilos, the British motor industry has been asked to design a special car with reinforced chassis that will be able to take the 2.L.O. British breakers won't have much option about becoming truckers, as the family saloon big enough to hold the 2.L.O. will look like a pantechnicon and sound like Disneyland on Wheels. "This is,"

said one of the Panjandrums getting a large salary for writing long memos about C.B. to no-one in particular, "a great day for British industry. We know that most of our foreign competitors are in the slightest bit interested in making the 2.L.O. Why! most of them don't even think it will work. However, even if it doesn't, people in Britain who want the wretched thing will just have to pay for it."

At this point, the Panjandrum, having strayed into economic policy-making, was gently taken away.

Getting the 2.L.O. rig will not be easy, as the government wants only really responsible people to have it (going to public school is a help in getting the rig, even if it doesn't help you understand how it works). In addition, the problems of the timber industry are affecting production because only high quality wood can be

used for the case. The idea is that the 2.L.O. C.B. should not be just a rig, but a nice piece of furniture. This suggestion, from a member of the hard-up furniture and cabinet-making industry, will add only £150 to the cost of each unit. Furthermore, old-time record buffs will be pleased to know that a O.T.R. Switch enables Old Time Records (78 r.p.m.) to be played through the rig providing a hand-wound gramophone is used with a heavyweight pick-up and thorn needles. This idea, from a hard-up representative of the record industry, will add only £50 to the cost of each rig.

The Department of Education is planning evening classes for those who want to get one of these wonderful rigs, and readers are reminded of the slogan, so much a part of our way of life and health service, 'if a job's worth being done, it's worth waiting for'.

CB RADIO ACCESSORIES

AGENTS THROUGHOUT THE UK

- BLACKPOOL: ADS Electronics, The Ladder Centre, 239 Dickson Road, Northshore, Blackpool, 0253 21173
- BRADFORD: J.R. Brown, 33 South View Road, Bradford, BD4 0Z74 685676
- BRIGHTON: 625, Aerials Ltd., 44 Queens Park Rise, Brighton, 0273 684828
- BRISTOL: Bristol CB Centre, 120 Basford Road, St. George, Bristol S.
- * BURY, LANCs: Shellpot, 183 The Rock, Bury, Lancs, 061 787 7146
- BURY ST. EDMUNDS: Danver Autos (Skid Parish) Troston, Bury St. Edmunds, Suffolk, Honnington 506
- CARLISLE: R&S Supplies, 29 Lamb Street, Upperby, Carlisle, Carlisle 38172
- CHELMSFORD: Chelmer CB, 51 Broomfield Road, Chelmsford, Essex, 0245 351041/87698
- CHELTEMHAM: Breakers Yard, 1 Moorland Terrace, Croft Street, Cheltenham, Glos. 02421 39783
- CORNWALL: Mid Cornwall CB Store, Trenans Road, St. Austell, 0726 5429
- DERBY: RTS, 60 Osramston Road, Derby, 0332 41235
- EAST BARNET: Autospar, 271 East Barnet Road, East Barnet, Herts. 01-449 5070
- GRANTHAM: Castlegate TV, 64 Castlegate, Grantham, 0476 66869
- GREENFORD: Sound Around, 114 Ruslip Road, Greenford, Middlesex, 01-575 5030
- GUILDFORD: Kendall Cars, 24 Aldershot Road, Guildford, GU2 5AF, 0483 73868
- HALIFAX: Bruce Mitchell Ltd, 83 Pallon Lane, Halifax, Yorkshire, 0422 65930
- HARWICH: M.L. Abbott, TV Eya, 300 High Street, Harwich, Harwich 4480
- ISLE OF WIGHT: Electronic Pastimes, 29 North Road, Shanklin, Isle of Wight, (098386) 6103
- LONDON: B&M CB Store, Unit 4, Dambury Street, Ilington, London, N.1. 01-354 1305
- LONDON: Mobile Stereo, 350 York Road, London, SW18, 01-870 7362
- LONDON (West End): Sonic Sound Audio, 248-256 Tottenham Court Road, London W1, 01-637 1908
- LUTON: Knight Security, Luton, 0562 425722
- NEWPORT: Breakerway CB Centre, 101 Alexandra Road, Newport, Gwent, Wales, 0633 21332
- NORTHAMPTON: Motoround, 195a Kettering Road, Northampton
- N. IRELAND: J.C. Patterson, The Corner House, Lisburn, N.I. 05462 20345
- N. IRELAND: McNulty & Sons, Balmore Street, Enniskillen, N. Ireland, 03651 4443
- ORPINGTON: CB Shack, 16 Mount View Road, Orpington, Kent, (66) 32411
- * PARKSTONE: POOLE: Cee Bee Unlimited, Unit One, R/O, 387 Ashley Road, Parkstone, Poole, Dorset, 0202 733133
- PETERBOROUGH: CB Radio Shack, 91 Midland Road, Peterborough, 107331 41007
- POOLE: Cee Bee Unlimited, R/O Sydney Smith, 387 Ashley Road, Parkstone, Poole, Dorset, 0202 733133
- ROSFORD: Delta Electronics, 872 Eastern Avenue, Newbury Park, Romford
- ROYAL TUNBRIDGE WELLS: Charis Bravo, 103 Camden Road, Royal Tunbridge Wells, 0892 34207
- SCOTLAND (Glasgow): Motor Accessory Centre, 1 Regent Street, Greenock, Scotland, 10475) 25399
- SCOTLAND (Inverness): M&M Electronics, 24A Huntly Street, Inverness, Scotland, 10463) 33681
- SHEFFIELD: Steel City Custom, 132 Ponnstone Road North, Sheffield, 10742) 346234
- SOUTHAMPTON: Anglaxia Car Radio Ltd., 23-27 Church Street, Shirley, Southampton 0703 339013.4
- STOKE ON TRENT: HSBC, 27 Hope Street, Hanley, Stoke on Trent, 10782) 273815
- SURREY: Damaru Associations Ltd., 1 Yattendon Road, Horley, Surrey, 02934 71404
- WATFORD: Component Centre, 7 Langley Road, Watford, Herts. 152) 45335
- WATFORD: Custom Plates, 867 St. Albans Road, Garston, Watford, 09273 61673
- WIGAN: Car Radio, 8 Darlington Street, East Wigan, Lancs., 10542) 43101
- WORCESTER: D.A.D., 23 Blackfriars Square, Worcester, 10906) 21919
- YORK: Breaker 12, 1 Goldtrees Road, Stockton Lane, York, 0904 39819

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SAFEGUARD THAT RIG!

It's a pretty safe bet that when CB Radio become fully established in this country, any rig is going to be a desirable item with a ready market. As such, it will therefore be fair game for the small-time crook or car thief. Chances are that while the proud new owner is familiarising himself with his acquisition, a local rip-off merchant will already have cast covetous eyes in its direction.

How, then, to deny, or at least deter, the would-be rig snatcher? The average CB antenna is, after all, a powerful invitation to inspect the goodies inside the vehicle. A temporary antenna may be the answer for some owners, enabling them to stow it somewhere out of sight if they have to leave the car. Yet these magnet mounts or gutter attachments raise their own problems of convenience — like

rerouting the antenna lead through the window on returning to the vehicle.

Disguise antennae are a better alternative. They look much like ordinary radio aerials but are tuned to work at 27 MHz. Indeed, some disguise antennae are designed to double as functional broadcast antennae and may be the best bet of all where security is a priority as much as convenience.

Also available are "couplers" which are basically antenna adaptors and allow the conventional broadcast antenna to be used on 27 MHz.

More expensive is the concealed, motor-driven antenna that extends and retracts automatically.

One nice little arrangement, the Antenna Specialists' M-460, allows swift removal of the aerial itself from the mount. A number of variations on this theme facilitate the complete removal of a boot-mounted antenna and subsequent safe stowage out of sight.

Yet solving the antenna problem is itself no guarantee of protection from the determined thief who will probably take the trouble to have a closer look at a prospective target vehicle, a ploy that will normally betray the presence of the rig itself. Three possibilities here: a locking mount on the rig, a strong, padlocked container or a quick-release, portability arrangement, allowing the owner to take his rig with him.

The first of these alternatives will foil all but the most determined thieves. A heavy-duty locking mount is made of fairly heavy steel sufficient to withstand the attentions of pliers, screwdrivers and the like. Best place for the mount is the transmission hump, enabling it to be secured by heavy-duty bolts that go through the floor of the car and can only be undone from under the vehicle. Remember, though, that a chain is only as strong as its weakest link, so the lock itself must be equally sturdy and difficult to pick.

The best safeguard of all, of course, is to take the rig with you whenever you leave the car for substantial periods of time. Obviously, this is inconvenient and often impractical. But, if you do opt for this method, go for the slide-in mount rather than a standard bracket. It's possible to obtain heavy-duty models with locks for those times when it really is impractical to carry a rig



with you. Then you are at least relatively safe against the quick "snatch and run" operator.

Also available are complete rigs that break down for storage in easily portable attache cases — a nice little executive touch, this, and guaranteed to put you a step or two ahead of the Jones's if you're that way inclined. Transcom, Falcon Enterprises and Johnson all offer this "take it along" facility. Kris offer a model on which everything is accessible without opening the case. All that is required to start operating is a power source to plug into — possibly the most convenient arrangement of them all. No mounting problems to worry about since this sort of rig can be laid on a seat. There has to be a drawback, however, and in this instance it's the fact that comprehensive insurance cover does not include electrical accessories that are not actually mounted in the car. It may be worth your while to have your broker sound out the market on a separate policy. By the time CB is established here, there will undoubtedly be plenty of theft protection policies on the market.

It may be obvious, but it needs saying. If lugging a portable rig round with you is too much like hard work, stow it out of sight, preferably in the boot which is less likely to be broken into. Even sliding it under the seat will keep it "out of sight, out of mind". In short, however much you want to make contact with other CBers, to advertise the face via any visual means is to invite the close attentions of the sneak thief. Which means that bumper or windshield stickers are OUT! On the other hand, burglar alarm stickers can be a real deterrent regardless of whether the alarm is actually installed. Would you risk calling the bluff in a busy main street? Surprisingly, a sizeable proportion of car thefts take place on crowded thorough-



fares, though a car parked up a quiet side street is a more likely target. Your rig probably isn't completely safe even when the car is locked in the garage. The only answer is to be security-conscious ALL the time.

Car burglar alarm devices come in a bewildering assortment of shapes and sizes. But there are basically two systems, the first relying on the opening or closing of a switch connected directly to the alarm. This arrangement is relatively inexpensive and the simple circuit has little that can malfunction. Installation can be a problem, though, since each door and the bonnet and boot lids require a separate switch and sets of wires running back to the alarm.



The second system relies on the car's own electrical system to provide the necessary built-in wiring, which makes installation far simpler. A courtesy light coming on when the car door is opened is enough to trigger this device but remember that this offers little protection from the clever thief who operates by effecting entry via the quarter light, enabling him to recover his loot via a side window.

There are alarms with built-in delays that give the driver time to

get out of the car before they are armed. Other alarms (the Mountain West accessory alarm, for example) can be attached direct to the rig with a tag, the cutting of which starts the horn sounding. Then there is the least expensive alarm of all that sets the horn blowing if the vehicle moves even slightly — leaning against it is often enough, which can be embarrassing or annoying. And few people take much notice of a car horn. A better idea is the system that includes its own alarm sounding like a siren or emergency vehicle.



Remember, though, that for every sophisticated anti-theft device, there are plenty of equally-sophisticated thieves capable of disarming it. So — you pay your money and take your choice; a choice that is far too big to cover effectively here and merits a complete chapter on its own. But above all, shop around after you have established a fair idea of the sort of system suitable for your own particular needs. The resulting alarm system may not guarantee the safety of your precious radio but it can certainly go a long way towards it.

Nick Everett



CB in Australia

how they intend to teach the poms a thing or two

It would certainly be rough justice if the Australian government started transporting wayward citizens to Britain for illegal use of C.B. Recent events in that vast country have more to tell us about possibilities for Britain, than U.S. experience — so this brief article may be a pointer to the future for the good buddies in the Old Country.

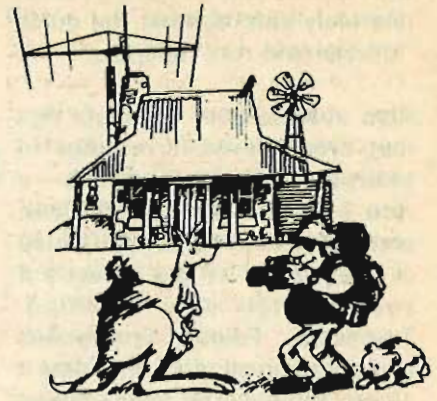
In Australia, as in Britain, there was a great deal of illegal use of 27 MHz rigs before the Government decided to legalize it. The Good Word finally came in 1977, with, can you believe it, one month's notice. One or two cynical gents have suggested that the boys in Posts and Telecommunications needed the license money to help keep the radio and television service going — and given the situation of Auntie Beeb, that isn't entirely out of the question over here. However, the license fee was set too low. The twenty dollar license (remembering that the Australian dollar is worth more than the U.S. note, compared to the quid) did not allow for the kind of regulation now required for C.B. With the proposed expansion of the C.B. service, it is intended that it will be controlled by a Post and Telecommunications Computer at Canberra, along with other services. However, this is certainly going to need an expansion of staff, and elevation of the license fee. The Government is seemingly interested in establishing an Automatic Transmitter Identification Signal (ATIS) and you may take note of this, as it is surely the state of things to come in Britsville, U.K. The Canberra computer will compare the

transmitted identification to the transmitter and the C.B. license holder. According to the complexity of this operation, and staffing required, CBers will have to find the dollars Australian, one way or the other. Though as there is little favour in adding the cost of government control to equipment as a tax, the license fee will probably be the source of revenue. In any case, CBers in Australia have to face a 15% Sales Tax, not unlike the Wicked V.A.T. over here. However, staffing will include more technical experts to help iron out the problems. A new Radio Communications Act, planned for the earlier part of 1981, will almost certainly come down hard on importation of unapproved equipment, and on retailers who sell it (or otherwise omit to observe government regulations). Here again, the bright



boys at the Home Office may be looking to Australia for a few guide-lines, so keep an eye open in that direction.

Politicians in Australia seem to be generally in favour of C.B., though there are occasional problems with 'despicable dingos', bad mouthed CBers who use bad language on the airwaves. Maybe ATIS is the price that Australian CBers will have to pay for wider use of the medium. British CBers, please



note!! This support for C.B. is seem in the Australian Government's general approach — positive and well-informed. Mr. Ian Sinclair, the Minister for Communications, appointed in the later part of 1980 by the Prime Minister, Mr. Malcolm Fraser, showed this realistic enthusiasm when taking up the job. He will be largely responsible for the future of C.B., as it is shaped after the Review Committee's Report is published in the earlier part of 1981. In the meantime, Mr. Ross Ramsay, the Assistant Secretary of Posts and Telecommunications, has been interviewed by 'C.B. Action', the leading Australian C.B. journal. Mr. Ramsay was certainly ready to discuss the UHF C.B. service, and its possible improvement, referring to the UHF repeater concept. The journal noted that, according to Mr. Ramsay, the Posts and Telecommunications Department was in favour of UHF repeaters, as long as the physical problems could be solved. The magazine is obviously fulfilling an important public service in clarifying these issues — but we wonder if a representative of the Home Office, for example, would be so ready to be interviewed by a C.B. magazine in Britain?

Australian CBers are fortunate to have secured permission for 27 MHz to continue until 1982 (at least) whilst also being given 476 MHz, 40 channel, with Channel 5

for emergencies, Channel 11 for the call channel, and Channel 40 for highway information. CBers, by the way, are asked to keep to the odd number channels if possible to reduce the amount of adjacent channel spatter, a problem which CBers certainly experience. It is, of course, too much to expect that British CBers will get 928 MHz and be permitted to keep their 27 MHz rigs. The future of 27 MHz in Australia may be under a cloud, but at least it has a silver lining, and may move away before 1982. CBers and manufacturers have proposed to the Government that the number of channels on 27 MHz be increased. Australian CBers certainly model their aspirations on what is permitted in the U.S.A. (hardly surprising, given the tremendous American influence on that great continent). However, perhaps as many as 50,000 rigs would need to be adapted to use a 40-channel system on 27 MHz, though as at least 20,000 of these are allocated to harbour marine services, they would require only a change of one crystal, and re-tuning of a local oscillator. Few Australian CBers would cut up rough about *that!* Incidentally, the hang-ups about marine users of 27 MHz in Australia may well parallel British controversies about model aircraft control on that frequency. In the 'Log Book' of a recent issue of 'C.B. Action', the following may ring a certain chord:

*"The Editor was recently staggered to hear a marine radio authority state that many radios on board small boats were having their final 'resistors' - presumably transistors - blown by inconsiderate operators transmitting in too close proximity to their rigs. He (the Editor) was quoted as saying, "Absolute *****!!!" in reply, and suggested that they 'might*

like to take a leaf from the CBers book and tune their antennas'..."

Land-based CBers have certainly commented on the inadequate standards laid down for marine rigs.

It's also alleged that marine users have utilised all marine frequencies for ship to shore communication (messages home to Mum, etc) and other communications. Australia, a land of high adventure, has certainly had its ups and downs with C.B. This may indeed account for the seeming decline of interest. From June 1980 to October 1980, the number of licensed CBers in Australia dropped from 78,000 to 73,000, though this figure does not, of course, include unlicensed users. It may be that licensed users in Australia come to about half the number of illegal users of 27 MHz in Britain (which may be why they'll start adding Australian CB and all those wide open air spaces as an inducement to emigrate). In a 1978 issue of 'C.B. Action', Tim Britton commented on the need for the Australian Government to set standards — if the Home Office has read these lines, prepare for a hefty 'Open Channel' license fee:

"CBers have seen no particular action from the (Post and Telecommunications) Department and anyone who has spent five minutes listening to CB in a large city will know that the airwaves are chaos. People swear, music is being played, people use illegal frequencies — in fact, there's not much that doesn't go on. Mr. Wilkinson (then of the Post and Telecommunications Department) also said that anarchy wouldn't prevail — there's plenty of evidence that it is already getting much worse. Bullets fired through doors, CBers getting beaten up, CREST base stations being set on fire, and all in one night in

Melbourne. Sydney we understand is just as bad. Where is this Post and Telecommunications action?"

These thrilling lines may well prompt you not to emigrate after all, though we must add that the situation has improved greatly since then. Today, for example, the approach to the user of an illegal antenna and rig is comparatively polite and peaceful. In earlier times, the Highway Police were called in to arrest illegal rigs!! The authorities will call upon the user of an illegal antenna, and as long as he has a C.B. license, will be firmly asked to 'get it legal'. A period of up to ten days is usually given for this. If the wayward one doesn't have a C.B. license, the rig is confiscated, and prosecution follows. As we suggested earlier, the really bad guys might have to face transportation to Britain (the worst punishment on the book for a real enthusiast).



Yet the greatest problem facing the honest and respectable Australian CBer, is simply that of getting up-to-date equipment at a reasonable price. There is a shortage of really up-to-date equipment, and all kinds of reasons have been advanced for this, including the suggestion that Japanese manufacturers find it easier to sell their C.B. gear to nations in Africa, where (in this respect) few questions are asked on basic design and product characteristics.

Australia's first registered C.B. business was that of 'Ned Kelly's C.B. Radio Company' of Bankstown, New South Wales. Like other C.B. specialists, 'Ned Kelly's' buy and sell second hand amateur radio and C.B. equipment. The market for second hand rigs seems assured. Park Disposals of Sydney announces in its advertising, 'different rigs coming in almost every day, all tested and working like new before despatch to you',



Is this a further reference to the problems of getting new rigs, or simply a chance for new CBers to pick up a bargain? Remembering that C.B. is a young medium, just as Australia is a young country, anyone buying a rig has to face the possibility of being rendered obsolete by the technology just around the corner. Communications Power Inc. of New South Wales put it succinctly enough in a recent (1980, late) advert:

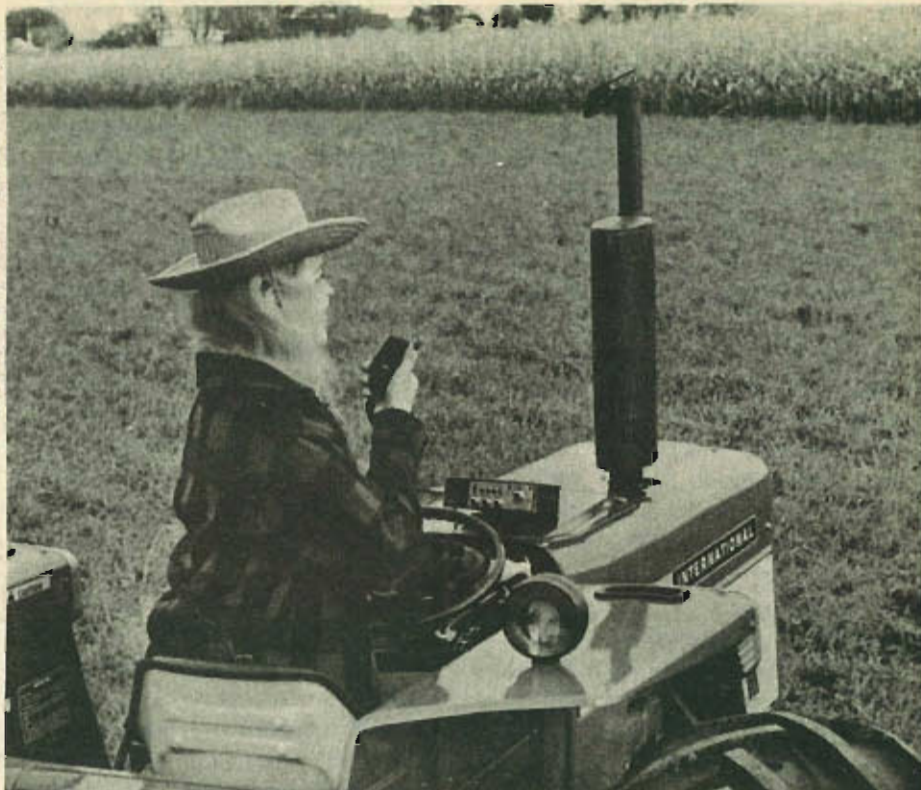
"Dedicated CBers everywhere are concluding that most available equipment does not provide the advanced-design

Join the CB family

You've waited for CBR equipment such as Aerials, Amplifiers, Converters, Mikes, SWR meters etc. These accessories and all your other CB needs are now available; in kit form with easy installation instructions.

Also available a wide range of In-car entertainment with FREE FITTING on most makes:

Road Radio,
8 Morden Court Parade,
London Road, Morden.
Telephone: 646 3892.



features necessary to cope with today's crowded channels. Typical essentials, either missing or ineffective : Quartz crystal filters and properly selective I-F circuitry to avoid distracting cross/intermod and spill-over interference from strong stations several channels removed. And frequently, lack of advanced design expansion/compression/filter system to assure maximum 'talk over' power without over-modulation and consequent splatter." The advertising copy man rightly urges all CBers to carefully examine specifications before purchase. Some adverts, by the way, also include invitations for bright CBers to write in as applicants for jobs as managers of CB stores. Well, that's one way of solving the unemployment problem!

Did the original C.B. boom in Australia bring new Australian products? Well, yes... there were some, including the Cadet range, well thought of. But looking through the adverts now, one is

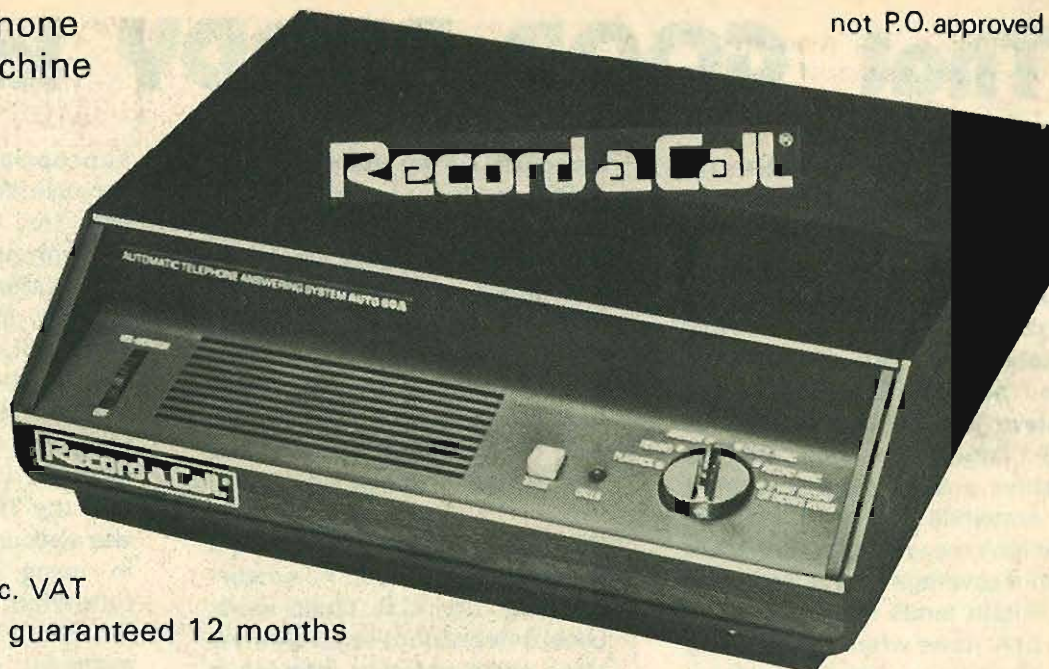
impressed by those happy familiar brand names, including Cobra, Philips, President, National, Apollo, G.E., Avanti Antenna, Hy-Gain — and, naturally, Tandy have stores right across Australia, too. Inevitably, as the enthusiasts went for 27 MHz rigs, business went to well-known companies, even if the equipment originated in Japan or the U.S.A. As for 930 MHz, a close cousin of the 928 MHz proposed for the U.K., Australians remain unconvinced for the moment. The National Citizens Radio Association (NCRA) representing more than 300 Clubs in Australia agrees that further investigation into 930 MHz be organized. But, as those good folks would say, "You Poms should know there's more important things to think about than 930 MHz..."

Well, the Australians have C.B. 27 MHz and 476 MHz (UHF). On the other hand, we have Dame Edna Everage

"ZELDA"

At last a telephone answering machine you can buy outright for less than the usual annual rental!!!

not P.O. approved



£126.50 inc. VAT
delivered free — guaranteed 12 months

Whilst you are out chasing Foxy Ladies and dodging bears you will almost certainly be missing important "land-line" phone calls. For just £126.50 you can get them taped with the new RECORDACALL 60A telephone answering machine.

Record-A-Call use twin cassettes, eliminating the need to record your outgoing message thirty times as with some single tape systems. The outgoing message is recorded on a special endless loop cassette. The incoming messages are recorded on a special leaderless cassette, giving a message recording time of 30 minutes for each side. Both cassettes are easily flipped in and out so important messages or conversations can be stored for future reference, a library of outgoing announcements can be kept to suit and all models can record 2-way conversations. Call light glows steady when machine is on and flashes when a call has been received. Easily adjusted ring control (1-10 rings), three position selector switch on side for fixed time, announce only, Cassette layout, side by side.

In practise you may decide to keep your **Record-A-Call** 'on' all the time with the selector to 'answer'. The 'rings' control is adjusted to pick up the call on the 4th or 5th ring. If you are in the bath or shower, or just out for a minute, Record-A-Call will take that important call for you. If you are available you will answer before your Record-A-Call does. If you do not wish to speak to particular callers you can listen to the loudspeaker on your Record-A-Call and hear who is calling before answering!

Record announcement with selector in this position **Record-A-Call** will record your out-going announcement, using the microphone provided. Pressing the 'start' button will set the tape rolling when you are ready.

Check announcement. When you are satisfied with your recording you can play it back to see if you are happy with it by pressing the start button.

Answer. Your out-going announcement will be followed by a 'beep' to allow the caller to leave a message of either 20 or 40 seconds duration (adjustable).

Rewind. This selector position is logically set between answer and playback as it will nearly always be used when going from one to the other.

Playback. The messages left on your incoming cassette will be played back to you.

Other controls. On/off, playback volume, fast forward with audio scan, cassette in/out lever, ring adjust (1-10 rings), 3 position selector switch (20 seconds, announce only*, 40 seconds), rapid erase.

***Announce only.** With selector in this position, only the outgoing announcement will be given. Great to announce cinema, theatre and sporting event times, or to run advertisement jingles etc. The incoming call tape will not operate.

2 way record or dictate notes. You can record both sides of important conversations, or using the microphone leave messages or dictate onto the incoming call cassette.

To Order: Send cheque for £126.50 made payable to "CWAS". Allow TEN days for delivery.

POST TO: Recordacall Offer, CWAS, 11 Denbrook Walk, Bradford BD4 0QS, West Yorkshire, England.

Please send me my Recordacall 60A. I enclose my cheque (with name and address on reverse side) for £126.50 made payable to "CWAS" or debit my Access/Barclaycard No.

Signature

Name BLOCK LETTERS

Address

Post Code Daytime Phone No.

That GOOD BUDDY Image

WHY C.B. CLUBS WANT TO LOSE THE GOOD BUDDY IMAGE

C.B. News takes keen interest in local and national C.B. clubs and organizations, not merely because they are a source of good news — but because we believe that the legalization of C.B. largely depends on the positive public image presented by erstwhile CBers to a public that isn't too well informed. Most media coverage of C.B. activities in Britain tends to be critical — it's only news when it is creating a problem. Just before Christmas, a B.B.C. item focussed on the seeming problems of the doctors' bleeper systems in a Southampton hospital, caused, it was said, by those Naughty CBers, on 27 MHz. A reference to 'foul language on the air' was also slipped in, and though the item was balanced by someone speaking for local C.B., one gained the general impression that most folks using C.B. tended to have Naughty Rigs and an even worse vocabulary.

Still, that's hardly surprising. Much as we like those earnest folk who toil behind the facade at Portland Place, the B.B.C. did almost nothing on the grassroots community movements in the 1970s, and in only recent years established a Community Programmes Unit. That other pile, in Wood Lane (the Television Centre) has belatedly got into community initiatives, and we certainly hope that one of these days, the B.B.C.s Community Programmes Unit does something on neighbourhood C.B. activities, and possibilities.

Even the B.B.C.s radio programme on 'Open Channel'

broadcast during the autumn of 1980, tended to trivialize the whole idea of C.B., relating the programme largely to U.S. experience and methods (and, dare we add, music!) A very cheering half-hour or so, but leaving one with the impression that C.B. was something to do with the Beverly Hill-Billies and their model T, rigged for radio.

So, it's against this whole background of public misunderstanding, that C.B. clubs work. Local independent radio stations often show genuine interest in C.B., and, as far as is possible under present restrictions, have included interviews and items on it. Local clubs might well start making a few useful contacts with local independent stations, and keep features personnel informed on the general aims of local CBers.

C.B. magazines tend to get criticism, too, since — in trying to lift the gloom of a British winter — we include some of the truckers' jargon and outlook. We think that the good buddy image does have a positive side (done in

appropriate style), if only because the Great British Public likes to have a smile, and certainly needs it. A great deal of U.S. truckers' jargon is of limited interest, but the sign-offs and more witty phrases can help us get the idea of C.B. across as a medium that uses not Bad Language but Bright Language. Old-time radio buffs will recall how the 'ITMA' show during the war encouraged a national craze in using initials for phrases, following Tommy Handley's 'T.T.F.N.' ('Ta Ta For Now'). For example, a farewell greeting could be something on the lines of 'N.C.Y.B.W.A.C.W.' — this being explained as 'Never Clean Your Bloomers With A Car Wash'. Because so much political argument these days is devoid of humour and, alas, style, CBers can use 'jive talking', or truckers' talk, as a basis for local communication. Since this article is written by a chap who toiled in advertising and public relations for many a long year, this ain't 'off the top of my head' stuff. At least, I don't think so.

Still, CBers are right when they have reservations about the Good Buddy Image, as they see it to be. On the other hand, when C.B. *does* get the green light, the image may not do us too much harm. 'The News of the World' used to run a very successful feature based on gallant folk found doing good turns in traffic: 'Knights of the Road'. It will not be at all surprising if a newspaper takes up the idea of 'Good Buddy of The Week', if only to fill the pages usually given over to Extremely Saucy Memoirs (try reading *those* over the air on C.B., and you would be in trouble!!)

This brings us to the way in which we define 'Good Buddy', of



course. From some comments we get from diligent workers for the cause, we think the definition might be in the dictionary as follows:

GOOD BUDDY: Term applied to a gentleman with old car concealing souped-up C.B. rig, and using florid language that no-one else understands. The 'Good Buddy' is often a member of any Club advocating C.B., as long as it meets in a pub where the booze is strong, and not too dear. Tends to drive along with one hand holding the mike, the other on a brown bottle, etc.

You might think this a mild exaggeration. However, the B.B.C. in that pre Christmas interview on C.B. in Southampton, also added the comment that CBers drove with one hand on the steering wheel, and that

ton, also added the comment that CBers drove with one hand on the steering wheel, and that could be dangerous. Not only do they use bad language, thinks the listener, but they don't even drive straight!!

A very diligent and hard working secretary of a C.B. Club commented to the writer, "I think that the 'Good Buddy' image is a wee bit overdone, and is really rather silly. Indeed, in my opinion, it gives a totally wrong and false impression of C.B. to the casual reader. The last thing in the world that is wanted by C.B. is this silly image, especially when Tim Raison and William Whitelaw have stated over and over again that 'a respectable image must be seen before they can even think of legalization'." Now, this is a very good point, and we get the impression that the new wave of C.B. Clubs that have developed over the last year or two are focussing on constructive local work. Often, meetings discuss activities that can help encourage local community sympathy and

involvement, linked to a national campaign and thoroughly peaceful demonstrations!! Indeed, I think that some observers of the scene would be just a little surprised to discover how rarely rigs, as such, feature in the club discussions. Mature workers in the C.B. Movement emphasise that local C.B. Clubs need to be 'obviously above board'.

'Some clubs encountered in the past,' commented one CBer, 'almost tended to invite suspicion'. Maybe they were getting a kick out of emulating the speak-easy of the prohibition era : knock twice and say that Charlie sent you.

A very good example of a local C.B. Club is that of the Citizens Band Radio Club, North East, which rents a special room in a workmen's club, and has a good information exchange between C.B.R.C. (N.E.) and other clubs. This is one of Britain's senior C.B. Clubs, started at the beginning of 1979 (we believe). One way of getting live news from afar is that of tape cassette exchange with CBers in the U.S.A. Club members swap tapes with breakers in the U.S., and even have personal exchange visits. So, whatever else C.B. achieves (or fails to achieve if we have too much delay) the trans-Atlantic friendship boom owes a great deal to C.B. Maybe organizations like the English Speaking Union, with its branches throughout the country, would be interested in that kind of news (e.g. a Club might mention this aspect of U.K.-U.S.A. friendship link, and offer a talk on it).

Many C.B. Clubs produce their own newsletters, and this is something that can certainly add up to good Public Relations with a Solid Punch! Chris Hodgson, who writes and produces the C.B.R.C. (N.E.) magazine, 'Northern Breaker' says that

newsletters go very fast when they appear at Club meetings. In a future issue of C.B. News, we hope to run a survey on these newsletters and magazines, and will be pleased to see copies. Maybe we can offer some 'helpful hints' ... Most are duplicated, and consist of loose sheets stapled together. Of course, you can produce something more like a booklet, by organizing a layout to fit two separate sides of an A4 sheet, for example, ready for folding down the middle, and stapling at centre with a long-arm stapler. Other improvements can consist of designs and drawings reproduced by electronic stencils, often given a very good result, assuming you have a decent duplicator. And, if your circulation gets up to a few hundred, you may even think of using offset litho printing, by one of the instant-printing shops you see in our cities these days (go in and ask for samples). Maybe local C.B. Clubs could organize, once or twice a year, a special issue on the real aims of the local club, and mail this to all potentially interested community groups. Most towns and cities have a register of local community organizations, on sale at the local authority information bureau, further education office or council offices — a good source for contacts. It's also useful to note those local groups who might, in the 1980s, have a special interest in C.B. These might include:

Schools and Educational Groups — remembering that many people advocate simple instruction on the value of C.B., within schools, e.g. showing its value in emergencies, etc.

Welfare Organizations — since the problem of loneliness and isolation is one of the major traumas in our society today, many welfare organizations would probably be interested to hear how C.B. could help their

work, something that you might develop in local personal contact. Social organizations and groups catering for handicapped people — because just as tapes have helped these in providing material that blind and handicapped people can hear, C.B. could offer a two-way tool for those unable to get out.

Civil Defence and Motorists, etc. — although we fervently hope that Civil Defence may never be pressed to a nuclear emergency in Britain, there seems to be little doubt that a re-development of Civil Defence in the community will emerge soon. Many people, like the writer, regretted the run-down of the local Civil Defence services in the 1960s, because the training gave people the opportunity to help themselves, and others, in all kinds of emergencies (and C.B. certainly relates to that: in future Civil Defence training, CBers may be able to help, in creating a simple but effective network of local communications when other options are inappropriate or unavailable). Motorists, too, are surprisingly ill-informed about the potential for C.B., and the local C.B. Club could well develop some useful links with local motorist clubs, *not* to convert anyone to illegal rigs (since that is besides the point) but to get them to see the value of a legal and effective C.B. medium. One of the basic secrets of success for the local C.B. Club is that of motivating other good neighbours, in other organizations, to take up the Noble Cause. One way of doing that is by sending them your material, and maybe talking to their meetings.

Many clubs raise money (they have to!!) This is used for basic Club activities, and is also spent on publicity and demonstrations. Now, there could be a good argument, even at this stage, for devoting ten percent of Club funds to local good works — including the buying of a music

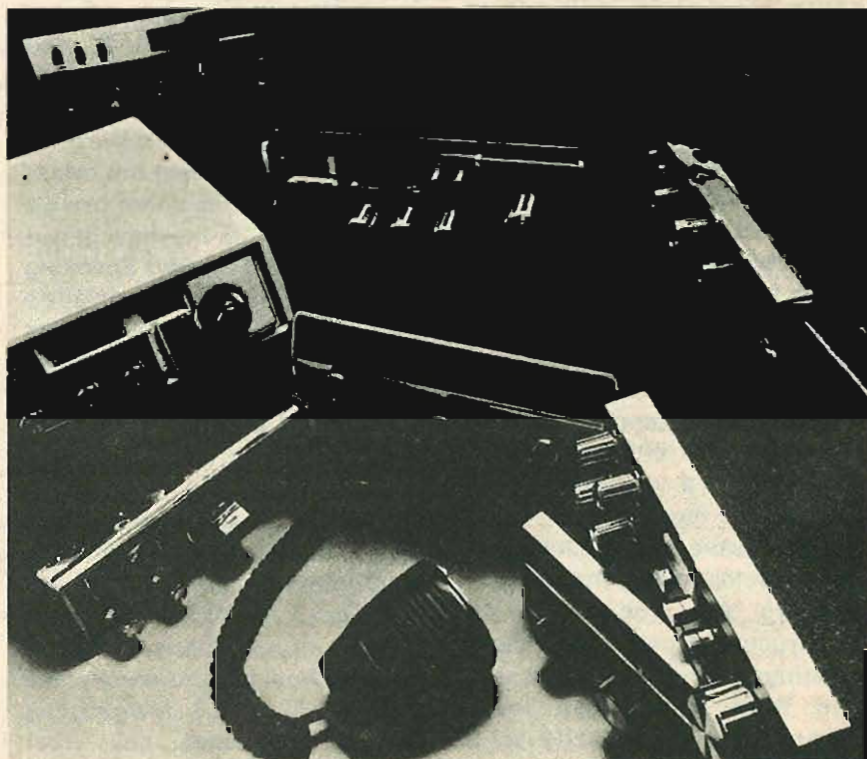
centre for an old people's club, or cassette recorders for blind people, etc., with the help of a local social agency. If the C.B. Club sees itself, not only as in the Legalizing C.B. Business, but in the more basic art of 'people to people communication' and being a good neighbour, there ought to be some overflows of help to local good causes in the 'here and now'. Without being selfish about this, gifts of this kind can reflect on the positive approach of local CBers, and, in a very real way, contribute to the sense of satisfaction that Club members can feel. It may be one heck of a time before we get legal C.B. But we can set a target of raising £150 or £200 for a music centre for an old folks' club (or other good cause) now, and *achieve* that. Think about it, and you'll see that the 'Good Buddy Image' can have a positive aspect.

It would certainly be excellent if, through existing C.B. contacts, one or two C.B. Clubs could get their friends in the U.S.A. to prepare a tape/slide show on C.B. for use over here, e.g. in

talking to local groups. I'm sure that this could be done, as many CBers in the U.S.A. are very keen on photography, too. A set of 35mm slides, allied to a tape, is a more flexible medium for local use than sound-stripe 8mm cine (though you could work on both). There would certainly be local take-up by local groups, often looking for something new by way of speakers, if a tape/slide show on C.B. was offered, remembering that this would focus, on what is doing in the U.S.A., with a few slides added from the local U.K. Club to illustrate its activities, and aspirations. Over to you!!

Finally, we certainly appreciate that running a C.B. Club takes a lot of time, and hard work. But as the secretary of a C.B. Club said to us the other day, "If we want C.B. in England, we're going to have to *work* for it". 'Work' isn't necessarily the favourite word in our vocabulary, but he's right, of course. In C.B., as in so much else, 'opportunity goes around disguised as hard work'.

D.E.L.



Introducing... "CB News Small Ads!"

A new service for CB'ers. At last here's the chance to contact our 200,000 readers through the small ad columns of CB News. Small businesses can take advantage of national advertising at local newspaper rates, reaching a market which is a 100% potential product buyer. We have five sections, and our competitive rates are as follows:

Special Announcements
(Government, Council, Legal)
30p per word (£6 minimum)

Business
(A budget service for commercial advertisers both large and small)
25p per word (£5 minimum)

For Sale/Exchange/Trade
(Our reader service — strictly private) 20p per word

Activities
(A social notice board for clubs and societies) 10p per word

Club Directory
(Limited to name, address, telephone number) FREE

Advertisers are reminded that a definite date for the insertion of "small ads" cannot be guaranteed, but as a general guide, should you wish your announcement to appear in our issue dated July (published the 2nd Thursday of June) ensure your advertisement reaches us by the second Thursday of May. All advertisements must be prepaid, and conform to the British Code of Advertising Practice, and the Trades Description Act. Remember that the code requires mail order advertisements to be fulfilled within 28 days.

You should POST your advertisement together with a cheque/postal order made payable to **CB NEWS SMALL ADS**; to: Advertisement Dept., CB News, 47 Derby Road, HEANOR, Derbyshire DE7 7QH. We offer NO box number facility, but we will publish advertisements containing telephone numbers only, providing the advertiser supplies his/her name and address for our files.

The **FIRST THREE WORDS** appear in bold lettering. Additional bold words are 5p extra, and those extra bold words should be underlined. All small ads should be submitted on the form below, with continuations on plain paper.

PLEASE NOTE: Once submitted for publication your advertisement cannot be amended. However series ads will be altered providing instructions reach us prior to our final copy date. Series ads (12 consecutive issues will enjoy a 10% discount) but must be paid in full at the time of booking. Small advertisements are accepted in accordance with the conditions of acceptance, as published on our advertising space rate card. A copy is available upon request. There are no agency discounts for series advertisements.

Clip out the form below and post today with FULL PAYMENT TO: CB NEWS, 47 DERBY ROAD, HEANOR, DERBYS. DE7 7QH

| Classified Advertisement Order Form | | POST TO ADVERTISEMENT DEPT., CB NEWS 47 DERBY ROAD, HEANOR, DERBYSHIRE DE7 7QH | |
|--|---|---|---------|
| words x p = £ | X | insertions | = £ : p |
| I ENCLOSE FULL REMITTANCE | | | |
| <p>WRITE YOUR ADVERTISEMENT in the boxes below — one word per box please. <u>Underline</u> those words required in bold lettering remembering that we set the first three words in bold type automatically free of charge. Remember to indicate the section for your advertisement and the frequency. If you wish to insert your ad in the next 12 issues there is 10% reduction.</p> | | | |
| SECTION | | Issue(s) Dated | |
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| <p>All advertisers must complete the following</p> <p>Name (BLOCK LETTERS) Address</p> <p>..... Tel. No.</p> | | | |

REDNECK REPORT

number two

Traffic was light as I headed south on I45 in the direction of Miracle City. The sun-roof of my thunder chicken was open and I soaked up the sunshine as I listened to the boys ratchet-jawing on the flip-flop from Space City. They were holding a round table to decide what they should do about that double-crossing, broken-tongued dude White Knight. Some of the suggestions sounded interest-

ing, but I already had my own ideas about how to deal with that feller. With a little help from my friends, I aimed to settle that particular score myself. All I needed to know was where he could be found of an evening — and to make sure he stayed there for a little while. I figured that could be arranged, but first I had a little business at Interstate Kate's to attend to.

Just as I was through bringing

by
Foxy Lady

Kate up to date with the new chart sounds, Foxy Charlie stopped by for his morning tar.

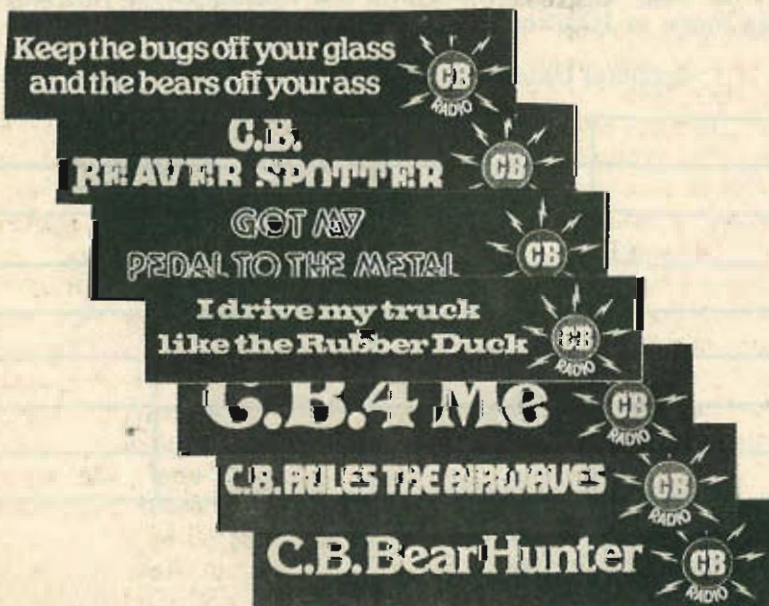
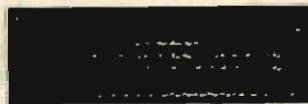
"Hi there, Foxy", he called, "Long time no see".

"How goes it Charlie?" I asked, carrying my cup of mud over to where he was sitting.

"Oh, all tied up with the usual things" he said a little wearily, "Flap jaws, skip shooters, goonie birds, bucket mouths, you name

CB STICKER OFFER

Let Smokey know that you've got a rig in your vehicle. Advertise the fact that Buzby can confiscate your equipment by sending for bumper stickers from our new range. Choose from the following saucy slogans:—



1. Got My Pedal to the Metal.
2. CB for GB
3. I am a CB Brother Trucker
4. CB 4 Me
5. I can't wait to modulate, legalise CB Radio
6. CB Beaver spotter
7. I drive my truck like the Rubberduck
8. CB rules the airwaves
9. CB Bear hunter
10. Keep the bugs off your glass

All the above stickers are approximately 10" by 2" and are self adhesive crack-back style. Or, you might like to choose from our glitter range:—

11. CB for UK 10-4
12. This Is CB Country
13. UK CBers

(All the above are priced at 35p each plus a stamped addressed envelope or any three for a £1 including post and packing)

Send your order to:
CB News Stickers,
115a Radford Road,
Hyson Green,
Nottingham.

Cheques and postal orders made payable to "Crofts".

it and mercy sakes I bet we got one".

"You can say that again", I sighed. "Band is just full of turkeys. Makes me wonder whether you guys down at the Friendly Candy Company ever goin' to get things cleaned up".

"Do our best, Foxy", he said apologetically. "Trouble is so many apples takin' to the roads these days. We got sonnet reciters drivin' all over the State. Spend most of our time chasing black widows. The dirty thirties we have to listen to ain't nobody's business".

"One of those around here" I said.

"You don't say" Charlie said with a sudden flicker of interest in his eyes.

"Every night 'bout eight. Reckon he's pushin' a weirdy too. Those linear lungs of his sometimes splash diaper trash across three channels".

"What channel is he using?" Charlie asked looking puzzled.

"One nine".

"Truckers' channel? Well, I guess that explains how come we missed him. The boys generally keep their pipeline clear of rattlesnakes themselves. Reckon I'll take care of this sneaker myself though. About eight you say?"

"You can almost set your watch by him" I confirmed and, wondering what I had let the garbage head in for, enquired: "Tell me Charlie, what sort of penalty would a guy like that face?"

"Get a big, big fine fer sure".

"And if he was pushin' illegal power as well?" I prompted.

"Might face a spell in jail fer that" Charlie speculated.

"No more than he deserves" I said disapprovingly, "Be sure and bring a hat-rack along with you, ya hear?"

"Reckon I might just do that, Foxy" he grinned, resettling his hat and pulling it firmly into place as he stood up. "Well, guess I

ought to be getting along. Tenth fer now".

"Bye, Charlie. Have a safe one and a fine one".

Looking past Charlie as he made his way over to the door I could see the wiry figure of Kate bent over the jukebox.

"Where's my Teddy Bear" she rasped as she peered at the title selector panel. "She's taken my Teddy Bear!"

"You done worn out that Red Sovine record Kate" I said as I went over. "Anyways it was ruining your stylus. That makes two I've changed this month already".

"Then get me a new copy", Kate demanded.

"Ain't on the list any more Kate", I reasoned. "Sides truckers don't want to hear that schmalz".

"They do too. Don't you boys?" she insisted as she directed her question to a group of gearologists who were listening intently to us q-sawing and grinning to each other about it over their battery acid.

"Get mama a new Teddy Bear, wooly wooly", one buffalo called over the noise of the rest of the whimps.

"Oh, I guess I'll have to see what I can do", I conceded turning my back on the high-riders to register my displeasure with them for not taking my part. Then lowering my voice so they couldn't hear, I said: "Listen Kate, I've got a plan to get even with that White Knight dude for trying to sneaky snake the meat convoy. If you give me a little help, I'll have Teddy Bear playing on your jukebox by tonight".

"Anything. Anything". Kate enthused. "Just go ahead and ask".

"All I need is for that flake to be eating here tonight. Can you do it?"

"He's a sucker for slamburger hamburger, that's for sure", she said thoughtfully. "But Texas Jake got that on his menu too". She rubbed her chin for a while

but suddenly her face quivered with excitement.

"Mushroom pizza pie! Mushroom pizza pie will get him here. Jake can't cook 'em! You never seen such a mess as a Texas Jake pizza pie. Like I'm always tellin' him, if truck-stop food got a bad name it's on account of Texas Jake pizza pies".

"O.K. Kate" I said motioning for her to calm down. "Pizza pie it is. How about the 10.44?"

"That ain't gonna be easy" she frowned. "He won't be modulating on one nine again, that's for sure. And the trouble with trying to raise anybody who ain't a trucker is you usually end up going the long way around the horn. Give them a shout on one and you can bet your bottom dollar forty is where they've got their ears on. Shout on forty and mercy sakes they'll be copying the mail on one".

"In that case I reckon you better start singing on your hill-billy opera house right away", I said.

"Reckon I better had too" she agreed. "Rosie, look after the chew and choke" she screeched at a sultry looking gearteaser stooped over a table hypnotically staring into the eyes of a beaver-cleaver in a mustard coloured stetson. The chippy straightened up slowly and made to turn to do as she was told, but her head refused to turn along with the rest of her body: her eyes remained caught in the same fixed gaze. They stayed that way as she wiggled over to the counter. Kate looked on with arms folded, slowly shaking her head in exasperation.

After Kate had satisfied herself that everything was running smoothly in the kitchen, she went over to the CB mounted on a shelf above the bottles of Colorado Koolade.

"Breaker one" she squawked "here's a shout to put you all on the right route".

"Interstate Kate is what I am named, and good cooking is what I am famed.



Miracle City is my twenty, if you drop by you'll find I've got plenty. Mushroom pizza pie is cooking tonight — especially made for that White Knight. Gimme a break if you'd rather have steak, but don't leave it too late, for mercy's sake. For all that's good on a plate, make a date with Interstate Kate."

"Mercy sakes, Kate" I said "You know Charlie done just gone out the door".

"You want me to raise that White Knight feller?" Kate enquired.

"Sure I do, but...."

"No buts about it" she interrupted, "You asked me to raise him and raisin' him is what I'm doin'. Too bad if Charlie got his flops on. Now you run along. You got other business to attend to".

I didn't see no sense in arguing as she was already starting to sing the same sonnet on two.

I started up my thunder chicken and headed down the freeway towards the main Miracle City interchange where I bailed out to join the cross-town rat race. One look at the tense decided me to tag along behind a rolling road block that happened to be going my way rather than risk a fender bender with any of the hoo-hooners travelling in the other direction. I passed the time sand bagin Kate on her journey around

the world. So far she hadn't got a bite, and she was still making her trip around the horn as I put my chicken in the pen outside the Diode's shack.

I made my way through to the back of the shack to find the Diode seated at his bench surrounded by sets of vocal chords in various stages of disassembly. He was cursing quietly to himself as he poked and prodded inside a beast that bristled with more buttons than a team of cheer leaders. Suddenly the mean machine emitted a loud crack that was echoed by a more audible stream of abuse from the Diode. Mercy sakes was what he meant, but wasn't what he said.

"Dang blast it, Foxy", he said turning to me. "What would a dip-stick want with one of these tonker toys for his blessed event?"

"Well, I guess any herd can be an ace with a rinky dink like that" I replied.

"Beats me" the Diode said, tossing the needle nose pliers onto the bench beside the rig. The vibration jarred the CB into life halfway through Kate's rhyme.

"Gracious sakes, what's that?" Diode exclaimed.

"Switch up a channel if you really want to know" I said.

Kate went through the sonnet again and the Diode said: "Say, what's got into Kate today? Don't she know she's in direct contravention of FCC regulations?"

"She does too" I said, "But you might say it's her way of doin' me a favour".

"You mean you put her up to that, Foxy?" the Diode said, narrowing his eyes.

"Not exactly" I said and went on to tell him about how White Knight had tried to set up the meat convoy for the bear-trap south of Cactus Gulch last time they passed through.

I told him how I planned to get

even and outlined what I had in mind for him to do.

"But that would be in direct contravention of FCC regulations, Foxy. I can't do that. Why, that's even worse than what Kate's doing".

"10-4" I said. "But don't ya see? The duck-plucker is gonna be caught red handed!"

"Can't say I like it, Foxy, him being bear and all. 'Sides, I can't afford to go chipping in a cassette player for the city kitty".

"Aw, c'mon, Diode. Some of those things ain't worth a red cent" I said, pouting the best way I knew how.

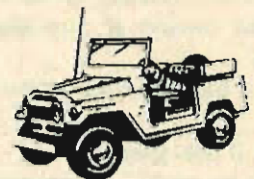
"Well, I don't know, Foxy. I guess I owes you for pointing high-riders in my direction when they get earache, but this...well! Anyway, where would I get a cassette recording like that?"

"Same place as you get comic books you finger-lickin' hard ankle," I said giving him the smile that spread across my face with the realisation that he was going to do it after all.

"One more thing" I said, changing the subject before he changed his mind. "Let me have a copy of Teddy Bear for Kate".

"You'll find one in the store" he said letting his breath out with a hiss. "Now, is there anything else before I start on this crazy scheme of yours?"

"Only this" I said pressing my lips firmly against his cheek. "Ten-ten".



It was dusk when I arrived back at Interstate Kate's, and as I pulled into the pen I noticed White Knight's dasher-flasher parked at the far end with the Diode's micro-bus right next to it. A faint glimmer of light moving about inside the Kenosha-vibrator told me the Diode was already wiring up the recorded shout. I checked

with him that everything was going according to plan and then went into Kate's.

White Knight was tucking into a mammoth helping of mushroom pizza pie. He looked up as I walked in, but quickly lowered his eyes when he saw it was me.



"Surprised to see you still around here, chess piece" I said as I brushed past him on my way over the counter.

"Hello Foxy. Didn't expect to see you either" he gulped, colouring up a little with embarrassment. I glanced back at him as Kate poured me out a cup of mud.

"Looks like he's suddenly lost his appetite for that pizza pie, Kate" I commented when she came over with the tar.

"He heard on the CB the boys planned to hammer up at Texas Jake's tonight," she whispered. "I guess he thought you would be over there too."

"Reckon he's in for a double surprise then" I said pointing to Diesel Demon's rig pulling up outside. "I arranged with them to meet me here on the way over."

"Mercy", Kate rasped. "He ain't gonna like that, Foxy. I better go over there and keep him from hightailing it outa here."

"Turn up the CB before you do Kate. It's almost eight, and I don't want anyone to miss the breaker that's about to come on."

Diesel Demon, Double Fiver, and the rest of the boys walked in just as some trucker's jack-jaw got stomped on by a potty mouth coming on hot 'n heavy. White Knight didn't know it but the voice coil of his hamburger helper must have been near to

melting as it relayed a tape that was bluer than a rally of retired smokies. I had to hand it to the Diode, his taste in dirty thirties was something shocking.

White Knight made as if he was ready to leave, but Kate pushed him back into his seat insisting that he have another slice of pizza on the house. The boys made themselves comfortable at a table by the window and I went over to explain what was going on.

"Say, why didn't we think of that?" Demon asked above a chorus of laughter that quickly turned to a cheer at the sight of a hat-rack in a pinball machine drawing up outside with Foxy Charlie following close behind. The antenna on Charlie's car spun round for a while before coming to rest with its element pointing straight at White Knight's dasher flasher. Charlie got out holding a detection device and started walking slowly

towards the white Kenosha-vibrator with the hat-rack strutting along a few steps behind.

I gave Kate a sign to back off and White Knight hurriedly finished his pizza and bolted for the door, still unaware of what was waiting for him outside. We looked on in silence as he told Charlie he must have been fitted up. But Charlie got angry when he started gesticulating in my direction. Charlie wasn't having that. And as far as the hat-rack was concerned, it made things even worse when White Knight flashed the badge of a super-trooper under his nose. He bundled White Knight into the pinball machine and we heard him tell Charlie he was hauling him off to the JP's shop.

Well, we never laughed so much in a long time and if you ask me, I reckon that's the last we'll ever see of that flake.

RAY DAVIES



Good Morning, Breakers? Fed up with having model aircraft land on the door-step? Tired of having the missis ask who was that lady you were breaking with last night? Weary of trying to make your C.B. antenna look like a clothes line?

Get away from it all. The N.C.B. has various redundant coal mines in which C.B. enthusiasts can really relax. As you know, N.C.B. really stands for Naughty Citizens Band....

SWINGING RADIO ENGLAND

DIDN'T!

Radio Caroline was once again building up her previously lost audience, and the tables between Caroline and London were being equalled out. Both ships had good DJs, a happy staff, some good off-shore and on-shore activities, and their transmitters were of equal strength. Both looked stable for a good few years to come, and the fear of additional competition which might make the British Government think about leaning a little heavier on the pirates wasn't apparent.

A group of British, American and Canadian businessmen thought differently. Offices at 32 Curzon Street, London, were acquired by Messrs. Pier-Vick Ltd., and a 480 ton, 186 feet long ex-US Navy vessel, the m.v. *Laissez Faire* (Free Enterprise), formerly the *Olga Patricia*; was bought by the company and fitted out in Miami, Florida. Registered in Panama, she sailed to just one thousand yards away from Radio London to her location off Harwich, Essex, via Lisbon, Portugal arriving off these shores in June of 1966. This radio ship was different—it housed two radio stations, Radio England and Britain Radio, and the 210 feet high radio mast had two aerials secured to it. Two huge and lavishly equipped studios provided the programmes, and each was serviced by its own 55kW transmitter manufactured by Continental Electronics Inc., Dallas, Texas. Both studios each had two record turntables, three tape recorders, a "Carousel" (working on the same principle as a juke box, selecting and playing tapes secured in cassettes) and three smaller cassette spot-master machines. Modulation equipment controlled the turntable, mike, and tape sound volume, and the operations board controlled the mix and filter on the tape recorders and the cassette machines. £60,000 was well spent producing the most expensive ship board radio stations afloat. The *Laissez Faire* was also equipped by Telex, but because of transmitter interference messages received were usually too scrambled to be deciphered, and like all off-shore stations the news was pirated from the BBC and the AFN networks.

Boss of the ship was Cuban captain, Julio Alonso with a crew of 22 of varied European and South American nationalities. At any given time the radio stations were staffed by a team of eight or nine disc jockey's, each working on a daily 4-hour programme rota of four hours broadcasting (both stations were on the air 24 hours each day) or in some cases eight hours if they doubled-up and broadcast on both England and Britain Radio. Britain radio broadcast on 355 metres (direct competition to Radio 390, the sweet music station with an already growing audience of one million housewives), and Radio England on 227 metres offering an alternative to the Caroline/London Empires. DJs worked two weeks on the ship with one week's paid leave.

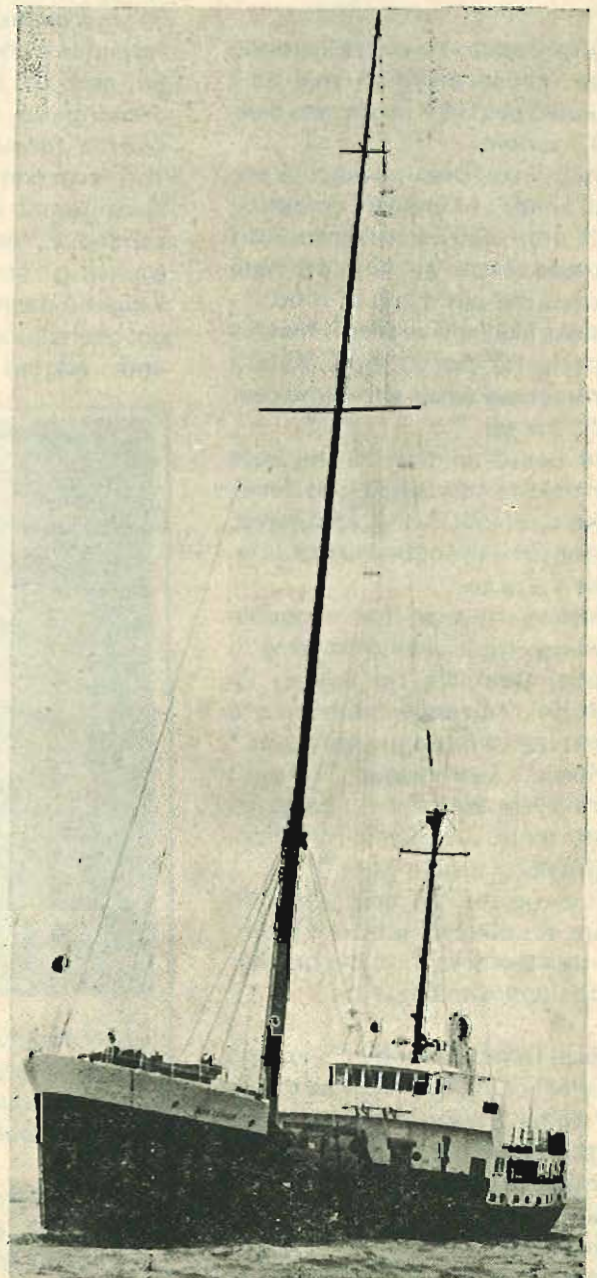
When I visited the ship I found the studio conditions perfect, the envy of the land-based stations, but the accommodation quarters were much to be desired. In many cases DJs without cabin facilities had to sleep on mattresses strewn around the equipment and engine rooms, sometimes surrounded by seepage water. The food too wasn't that good. As the ship was large, however, there was at least plenty of room with ample deck space for relaxation during periods of good weather. The DJs most popular pastime was gull shooting, although only one jock was credited with a direct hit.

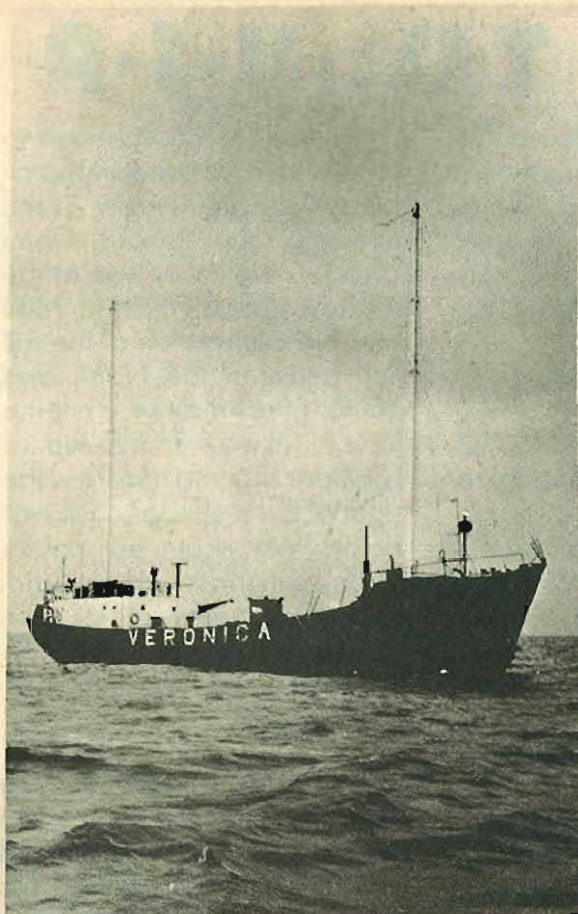
With superior transmitter power, excellent studio equipment, and such an experienced public relations company, Peter Rendall Associates Limited, it would have appeared obvious that both stations should have been instant successes. This wasn't so, in fact it was true to say that the stations, after initial

Right: The "*Laissez Faire*", home of Radio England and Britain Radio.

encouraging interest, went down and down until the projected major market station Radio England closed, leaving the ship's only English speaking station, Britain Radio fighting a losing battle, and Radio Dolphin transmitting in Dutch in competition with the Dutch pirate Radio Veronica occupying Radio England's studio. Dolphin too didn't work out, and even a name change to Radio 355 didn't help, both stations closing weeks before the impending 1967 Marine Offences Bill.

Station format was the accredited reason for failure. Hard plugging was Radio England's extension to the pirate method of formula broadcasting. Instant record





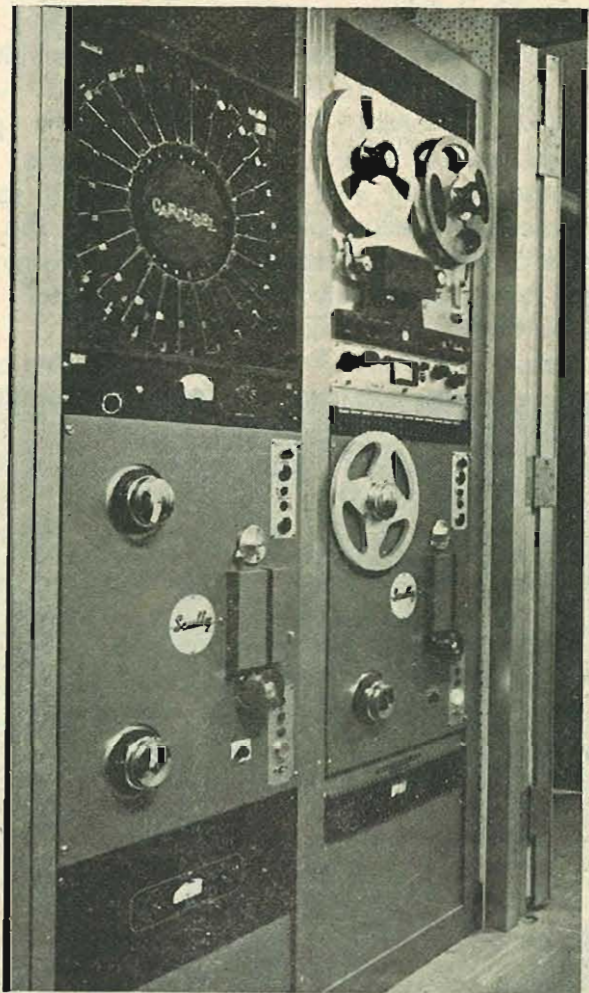
replays became a bore, and the strict Top 20 rota didn't give the DJ enough scope, and the programmes suffered from something which could only be described as robot radio. The DJs were reported as being frustrated under Head Office orders banning any diversification from the strict pre-programmed format, and through their voices it showed to a tiring audience, who reverted to their old pirate favourites. Radio England lost many of her American DJs who returned to the States after only six weeks regular transmission, and the ship's top DJ, JOHNNY WALKER left to join Radio Caroline. Britain Radio was better off, as the sweet music content was programmed by the



DJs, and regular seasoned broadcaster Ed Moreno produced some excellent and very popular shows. However, 390's hold on its listeners didn't give Britain Radio any scope with regards to the possibility of building up any huge sweet music audiences, and in turn getting any extensive advertising revenue, which of course financed the operations. Both stations would have had a hard task anyway, up against Caroline and the Big L, but the strict format, and arriving on the pirate scene too late, caused the venture to be a huge failure.

Perhaps if so much money wasn't at stake, and the DJ was given more a free selection in his own programming, even a late arrival wouldn't have doomed the station. The idea of two programmes coming from the same ship was excellent, and in the long run would have made a very economical proposition, because only one crew, one ship and one tender was needed. Facilities were available for both stations to be self-sufficient at the cost of just one programme, but it didn't have chance to get off the ground. Perhaps the DJs should have developed a little aggro towards the management, but because jobs in radio were scarce, it wasn't good policy. Any station could sack their whole compliment of DJs and get a complete replacement within just an hour, so only bad planning on the management side was the visible failure of the project.

The Radio England/Britain Radio saga proved one important thing. Although commercial radio was in demand—this proved by the Carolines and Radio London, free radio, not up to standard wasn't on. And in this business, the audience reaction regulates success. Only being first on the air would have assured the Laissez Faire a captive audience.



Above: Magnificent equipment, duplicated in both studios was the envy of the pirate brigade—the station format, however, wasn't.

CB NEWS'ers TO U.S.A

Throughout the United States there are CB "Good Buddy" Societies located in most major towns and cities, and it's the intentions of CB News to both link up with these organisations, and later next year to visit them. So if you would like to "explore the roots" of CB, why not come on this, the first CB News excursion to the United States. Our provisional itinerary — set for the second two weeks of September 1981 — is located around the "deep south", so come with us and join up with the rednecks who have made CB what it is today.

DAY 1 We depart London and fly across the Atlantic on a 747 Jumbo directly to ATLANTA, Georgia. During the flight you will have time to familiarise yourself with your tour escorts and fellow CB'ers. There's a chance to enjoy an inflight movie, and a full meals and beverage service will be included. Our arrival in Atlanta

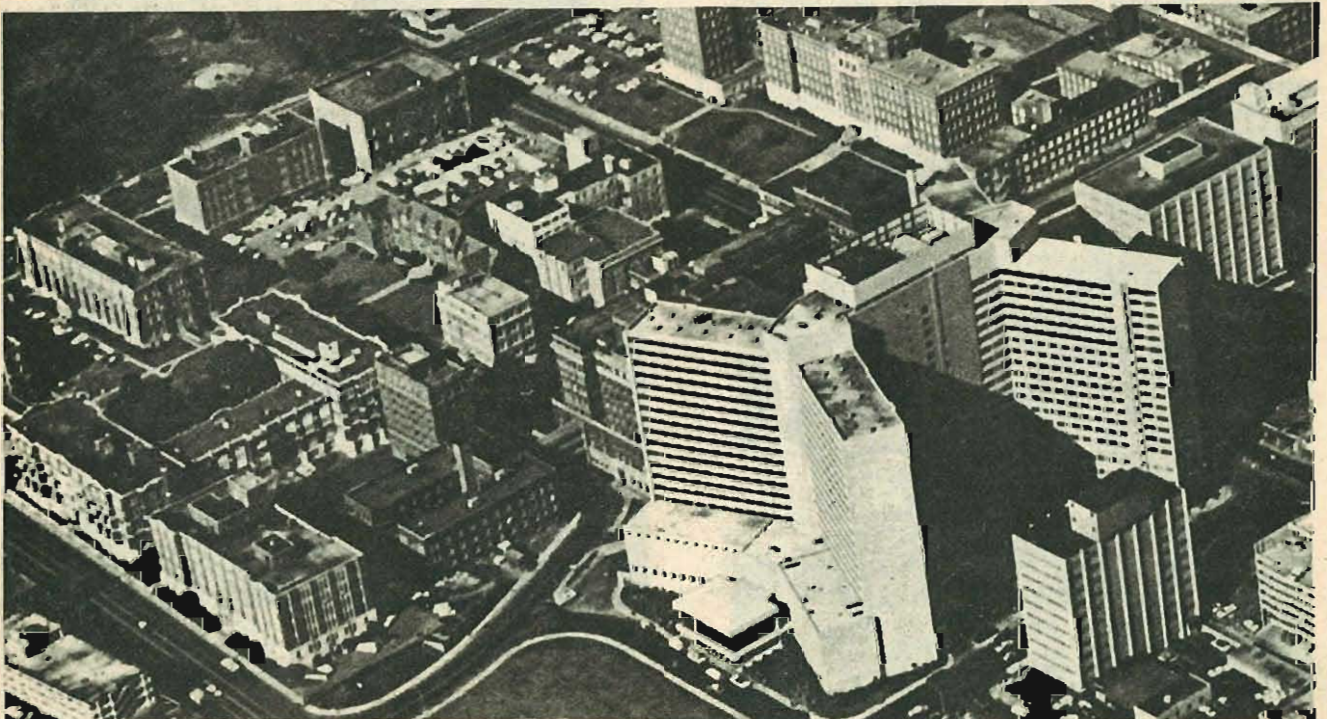
will be scheduled for early afternoon when our group will be transferred to our first Holiday Inn hotel. In the evening we'll have a reception with the local CB chapter.

DAY 2 & DAY 3 Two full days to enjoy the state capital. There will be the opportunity to visit the giant Coca Cola factory to see just how Coke is manufactured — we understand the work force has it's own CB society — and you'll see the world's first satellite TV Station, "The Super Station", home now for Radio 1 DJ Kid Jensen. We'll include a guided City sight seeing tour plus the chance to visit "Six Flags over Georgia" — a massive amusement park, and it's these parks the American's excell with, so lets all be kids again for the day. There will also be evening functions with local CB'ers.

DAY 4 We leave Atlanta and

drive north to Chatanooga to arrive in time for an early lunch stop. Whilst in this city — the home of the famous Choo Choo — we'll take you to the railway station which in 1880 was the culmination of the rail link between the North and South. After lunch we'll take the incline railway to the top of Look-out Mountain to view the sight of the legendary civil war battle. We rejoin our coach transportation at around 4.00pm to continue our journey to Music City USA — NASHVILLE Tennessee. Evening free.

DAY 5 & DAY 6 We commence our stay in Nashville with a guided sightseeing tour visiting the theatre once known as the Grand Ole Opry, now called the Ryman Institute, and the Country Music Hall of Fame. You'll see the stars homes, and the trip will finish at Opryland — a theme park with lots of





shows and spectaculars. Opryland now boasts WSM TV's "Grand Ole Opry" theatre, and here you'll have the chance to see the taping of an Opryland TV show. There will be a CB'ers treasure hunt with the local chapter the following day.

DAY 7 Today we are MEMPHIS bound, and federal regulations at the time permitting we'll ensure that our journey includes communications with the area CB radio operators from our coach. On the way we'll stop at Radio Shack super store. Our arrival will be just in time for lunch. Afternoon and evening free.

DAY 8 & DAY 9 Lots to see and do in Memphis. Take a guided sightseeing tour and visit Beale Street — home of the Memphis Blues, and take a trip on a real stern wheeler along the mighty Mississippi. For those who wish it there's an Elvis Presley tour which finishes up at the late star's mansion Graceland, where he and his family are buried. Libertyland is yet another amusement park,

and there will be a farewell party on the last night in association with the local CB group — that's if you can still stand upright after our tour of the famous Slitz Brewery.

DAY 10 At lunch time we re-board our coach for a short transfer to Memphis airport and our flight back to the U.K. via Atlanta. Dinner will be served inflight during our transatlantic journey.

DAY 11 Our arrival back into London will be around 10.00am bringing our first spectacular CB NEWS USA visit to a close. Isn't it about time all Breakers deserved a break? Come on, and join us.

No finalised itinerary will be published until airline prices are finalised for 1981, but if you would like further information please write to us enclosing a stamped addressed envelope. Those readers who enquire immediately will be given first opportunity for space on the tour. We expect the price to be around £490, and that should include flights London-Atlanta, and return Memphis-Atlanta-

London; coaching Atlanta-Chatanooga-Nashville; and Nashville-Memphis; and 9 nights first class hotel accommodation at Holiday Inn locations throughout, based on two persons sharing twin room accommodation. All rooms with private bathroom, colour TV, telephone and air conditioning. The temperature in September in this area will be between 80 and 90, so you'll need the air-conditioning and the hotel pool — standard at all our locations. The price will include the services of experienced tour escorts. Not included — meals, (except for those served in flight), telephone calls and personal items such as laundry, drinks etc.

Send for full details now by writing to CB News, enclosing a stamped addressed envelope. Address your letter to:

USA VISIT,
CB News,
Empire House,
6 Empire Road,
Leicester.



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Unisex T-Shirts (round neck) are available in sizes Small (30/32in.), Medium (34/36 in.) and Large (38/40 in.) Colours available: Red, White, Black, Light Blue, Navy Blue and Yellow. T-Shirts £3.50 each Sweat Shirts £6.50 each (plus 35p post)

Post your order together with a cheque or Postal Order, made payable to "MAYBE BABY FASHIONS"

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PUBLIC RELATIONS

The secretary of a C.B. Club confided the other day that the Club's Public Relations Officer had emigrated, and we are beginning to wonder if this had to do with the pressures of the job. In this short piece, we want to offer a few practical guidelines to C.B. and Open Channel Clubs about their Public Relations, based on the kind of approach

that would be used by a specialist agency.

First, have some clearly defined aims and objectives that can be easily understood by the local newspaper reporter. Remember that the local paper has a diary always over-full, and you are more likely to get notes of your activities in the paper, if you send

it in, double-spaced, not too long (otherwise it will invite fast sub-editing) and with a name, address and telephone number for later reference, as required. A press release on a Club activity should never be more than about 300 words, and preferably less. If your event is worthy of more coverage than that, you may need to think in terms of a *Press Pack*. However, if you have not yet organized some kind of general 'hello — we're here' contact with the local media (press, radio, magazines, etc) you ought to do a press release stating the setting up of the Club, a contact (real name and address, not handles, which local press-men may not understand) and its aims. Many reporters, especially those juniors which may get assigned to a C.B. event, may have little idea of C.B., and you will have to take care to get them switched on.

Second, get a decent letterhead, and stationery for the club. Try to avoid the 'rubber stamp on a handy bit of paper' approach, because the media tend to judge organizations by the quality of their stationery. With the instant printing shops, and choice of small printers in most towns, you can usually get a decent supply of notepaper for about £20, maybe less. And it can get you far more than £20 worth of decent publicity. Notepaper, using perhaps a colour (blue, say, or dark green) on a cream wove or white bond paper, should state name of club, its aims in one or two lines, and the name/address/telephone number of its secretary, and other officers as thought appropriate. Remember, if you want to persuade important people that you are serious and professional, make your notepaper say so. Don't let it look any less distinguished than the notepaper of your local Conservative and Unionist Association.

Third, find a good typist to handle

your letters, and run your meetings in a businesslike manner (at least, those times when you have to make decisions and plan ahead — being in a C.B. Club means pleasure, as well as work, but let the work be done well). This point, by the way, comes to us from a veteran CBer.

Fourth, use the public relations approach appropriate to the event. Most papers will not be interested in your 'run of the mill' meetings, but if you have something special — a guest speaker from another country, talking about C.B., or a display, etc., it's worth telephoning the local press, radio stations, etc. as soon as you can to give details. Then confirm it in writing, and suggest that they put the item in their diary. Also suggest they send a reporter — if they can't, ask for the name of a paper/radio station member of staff that you can contact with details, the day after the event. Photographs are always welcomed by papers, as long as they are sharp enough for reproduction and 'help tell the story'. Understandably, CBers have mixed feelings about photographs, not so much because of any prospects of being pursued by Post Office detectives, God bless 'em, but maybe because they think being identified with C.B. is not the best way to please the neighbours, or the boss. Photographs, however, are appropriate when you are asserting your opinions, as in a local demonstration, or when you have a special fund-raising event, or have a special guest speaker — who can be linked to a good story on C.B. It's advisable to make friends with a good local photographer, who understands your outlook, and, if possible, is known favourably to the local paper. Most P.R. men know one of the toughest parts of public relations is finding a photographer who can put the story into one good picture. Well, if you know a

good photographer, it's worth developing a liaison. And you may even develop a set of slides, etc. in colour, of your main events, for future club files, talks to local groups, etc. If you are planning a major event, like a demonstration, use the local press, etc. in the usual way, but in your initial contact, give details and explain that a press pack will be available. This pack, in a plastic wallet, should be available to all your media contacts at least 7-10 days before the event, and contain major sources of information, including what the event is, where it is being held, who is coming, and what it plans to do. Since press packs are used only in events requiring substantial background information, they will be used only for more important events — a demonstration in the town, for example, would include the route, times of starting and finishing, details of any meeting at the close of the demonstration, where any special features of the event would be appropriate for photography, and so on.

Fifth, keep a good register of your media contacts, with names, addresses and telephone numbers (and, if possible, a name for reference) of magazines, newspapers, local



radio, television, etc., and update it with changes and additions. Have this register generally available to Club members, so that, if you decide to emigrate to C.B. Country, someone else can pick up where you left off. As far as local media interest is concerned, constant paper wears away the drip. Or at least, something of that kind!! You may pencil in general impressions of response from the contacts — you cannot always expect folks in the media to tumble off their chairs in amazement, just because your press release turned up. By the way, here's another wrinkle. Type all your press releases *individually*, and address them, on the sheet, to the media involved. Duplicated hand-outs get dropped into the incinerator with astonishing speed, these days.

Sixth, remind CBers in your Club and community about your public relations objectives from time to time. The old and worthy adage of the Public Relations Man is explicit: "An organization will never be seen as better than it really is, in the long run." In other words, while you may get a few short-term benefits from public relations, you can only get that good local impact by being positive, courteous and well organized. A CB Club official recently said that in his view, clubs got the reputation they deserved. That's really saying the same thing!!

Finally, we recommend that you pick up a guide or handbook to public relations from your local library. That will give you some general guidelines, and also show you how wide the P.R. area is. Obviously, Public Relations (P.R.) is a very specialized job, and we couldn't pretend to turn anyone into an expert. But you can go a long way in your aims by developing the points made here by a P.R. Old Timer.

JIVE TALKING

TECHNICAL JIVE TALKING

A-FRAME: Simple wooden structure used to support a base station antenna

AC: Alternating current; ie current that changes direction of flow

AF: Audio frequency; any signal between 20 and 20,000 Hz

AGC: Automatic gain control; a circuit incorporated into a receiver to keep audio signals at a constant level regardless of incoming signal strength


AIR GAP: Space between two objects that are electrically or magnetically related

ALIGNMENT: The process of adjusting the tuned circuits of a transceiver so that the unit will

ANL: Automatic noise limiter; a circuit incorporated into a receiver to diminish noise

ANODE: A positive electrode

ANTENNA: A metal whip that radiates a signal from a transmitter or picks up signals from other stations



FOXYLADY,
I'VE BEEN BIT ON
THE SEAT OF THE BRITCHES
BY A HONEY BEAR

have the correct response to a given frequency

AMP: Ampere; the unit of electric current

AMPLIFIER: Device for increasing the voltage level of any signal

ANCIENT MODULATION: Amplitude Modulation

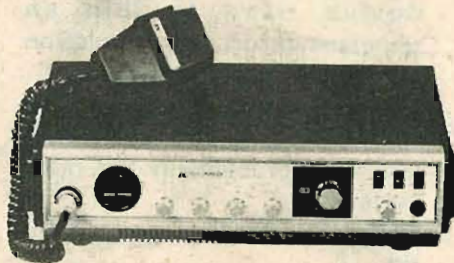
ANGLE OF RADIATION: The plane at which signals radiate from an antenna. A low angle of radiation is preferable whilst a high angle means that most of the signals from the antenna are beamed into the sky

ANTENNA FARM: A base station which has several large antennas of various shapes
ARCING: Noisy electrical discharges
ARRAY: An antenna made up of several smaller antenna combined into one network
ATMOSPHERICS: Lightning discharges that are identified in the receiver as noise/interference
AVC: Automatic volume control

BALUN: Matching device usually made of coaxial cable that serves as an antenna resistance transformer for coupling transmission lines to antennas. The name is derived from the words balanced and unbalanced implying the fact that the coax is an unbalanced line while the line the Balun matches is usually balanced
BAND: Any block of radio spectrum but used by CBers to refer to their 40 channels
BAND-SCANNER: A crystal controlled receiver that tries each channel on a band to determine which channels are occupied
BANDWIDTH: The frequency spectrum of a particular channel
BAREFOOT: Operating any transmitter without the use of a RF amplifier
BEAST: A CB rig
BE BOP: Radio control signals
BEEP TONE: Intermittent tone signal
BFO: Beat frequency oscillator
BIG SWITCH: Main power switch to a transceiver
BLAST: A call by two way radio
BLEED: To create interference on the next channel due to an over-powerful signal
BLOCK: To saturate a local receiver with a signal so strong that no other channels can be tuned in
BODACIOUS: Extremely strong signal
BOOT: Linear amplifier
BOOTLEG: To transmit without a licence
BOTTLE: Any vacuum tube
BUCKSHOT: Interference on adjacent channels, usually un-

intelligible on the neighbouring channel
BURNING THE COAX: Putting in a very strong signal
BUTCHER: To modify a transceiver/transmitter for the purpose of adding a new feature

CALIFORNIA KILOWATT: Any amount of RF power greater than twice the legal limit
CALL: Short for Call sign
CAMERA: Electronic radar speed trap
CAPACITY HAT: A disc or circular element affixed to the top of a mobile antenna to broaden the frequency of the antenna
CAPACITOR: A device which consists of a pair of conductive plates separated by insulating material. A capacitor will not allow direct current voltage (as from a battery) to flow but it will pass alternating voltage (radio signals etc)
CARRIER: A received signal
CELL BLOCK: Location of a base station
CERAMIC MIKE: A crystal mike which withstands temperature extremes, vibration etc.
CHARACTERISTIC IMPEDANCE: The ratio of voltage to current at every point in transmission in which there are no standing waves
CHARGER: Device that converts household power to DC. Used to regenerate energy in batteries
CHIEF OP: Person who holds the licence and is in charge of a base station



CHOPTOP: Short antenna
CHROME DOME: Mobile unit with roof antenna
CIRCUIT: Connection of resistors, capacitors and inductors to form a system which

will produce an electronic function
CLASS A AMPLIFIER: An amplifier that is as efficient at one frequency as another
CLASS B AMPLIFIER: More efficient than class A on a more limited frequency but noted for the fact that there is often distortion of sound
CLASS C AMPLIFIER: Most efficient of the amplifier classes but again notorious for distortion of sound
CLEANCUT: An unmodified rig
CLIPPER: Noise limiting device that works by clipping all high amplitude peaks from the incoming signal
COAXIAL CABLE: A transmission line consisting of a totally enclosed and shielded lead and used to transport energy from the transmitter to the antenna
COLLINEAR: Type of antenna that has a very favourable angle of radiation and may be combined with others to form an array
COMPRESSOR: A special amplifier that increases the overall average level of the signal by lowering the dynamic range of the signal
CONVERSION: To change from one frequency to another in a receiver
CORONA: A bright haze occurring at the tip of an antenna in fog
COUPLE: To bring two elements of a system together to allow the signals to interchange

D'ARSONVAL METER: Small meter used for S unit indications and measurements of RF power output
DAMP: To diminish progressively in amplitude
DEAD SPOT: Location in which radio signals seem to disappear
DEBUG: To detect and correct problems in the system
DECODER: The element of a selective call system that responds to an audio tone by closing a switch or bringing

together the contacts of a relay
DEMODULATOR: Any device used to recover modulating waveform from the transmitted RF signal

DESPAIR BOX: Box for keeping spare CB components

DETUNE: To adjust a circuit so that it is not resonant to the applied frequency

DIELECTRIC: Insulating material used to separate a pair of conductors

DIODE: A rectifier that allows electricity to flow in one direction only

DIPOLE: Simple antenna

DIRECT CURRENT: A steady unchanging current through a fixed voltage (ie car battery)

DOG: Piece of gear that is not functioning correctly

DOUBLE HOP: A skip condition in which signals are radiated to one of the ionospheric layers, returned to earth and bounced back again. Responsible for very long distance communication on rare occasions

DOUBLER: Device that is used to double the voltage or frequency

DOWNLEAD: Any wire that connects an antenna with a transmitter/receiver

DPDT SWITCH: A switch that allows two separate voltages to be switched between circuits simultaneously

DRY CELL: Single cell battery which is not rechargeable

DX: Two way radio contact well outside the normal ranges usually caused by freak weather conditions

E LAYER: One of the ionospheric layers occurring during daylight hours which is usually responsible for double hop conditions

ELECTROMAGNETIC FIELD: Field of influence which an electric current produces around the conductor through which it flows

ELECTROMAGNETIC WAVE: Any transmitted radio signal

EQUALIZER: A very high gain

antenna or high power transmitter

ERP: Effective radiated power

EXCITER: A low power RF transmitter designed to be used with an add on linear amplifier



FADING: Signal fluctuations resulting from atmospheric variations

FIELD STRENGTH METER: A hand held instrument containing a tuned circuit and a meter which responds to radio signals in the immediate vicinity

FOOTWARMER: An illegal high power linear amplifier

FORWARD GAIN: The increase in signal strength that a beam type antenna will offer

FREQUENCY: The number of times per second that an alternating signal makes two complete polarity reversals

FRONT END: The RF amplifier portion of a radio receiver system

GAIN: Total amplification from any amplifier or antenna system usually expressed in decibels

GALLON: An incredible amount of power

GAMMA MATCH: A matching device used to join an unbalanced coaxial transmission line with a high gain antenna

GARBAGE: Interference

GLITCH: An unexplainable recurring problem in the radio system

GOODIES: Accessories for a CB rig

GROUND: Point in a circuit that serves as a reference from which all voltage, current, RF or other measurements are made. The reference ground point is often the chassis.

HALO: A mobile antenna that is horizontal and circular in shape (like a halo)

HANDIE TALKIE: Handheld transceiver

HANGIES: wires dangling around a radio installation

HARDWARE: chassis, brackets etc that are fixtures of a transceiver but not of an electronic nature

HASH: electrical interference

HERTZ: the unit of electrical frequency equivalent to cycles per second

HOP: Skip (long distance communication)

IMAGE INTERFERENCE: Interference produced by stations which differ in frequency from the desired signal by twice the intermediate frequency value

IN A BARREL: Having a sound that has a low frequency echoic state

INDUCTOR: Any coil used in an electrical circuit

INTEGRATED CIRCUIT: A single silicon chip containing a large number of transistors which are integrated without wires or external circuit paths

IN THE CLEAR: There's no interference

IN THE MUD: Signal is very weak and unintelligible

ION: An electrically charged atom or group of atoms

JAMMED OUT: Interfered with purposely

JAY: Antenna resembling the letter 'J'

KILOHERTZ: Thousands of cycles per second

L-ANTENNA: Antenna consisting of a long straight horizontal wire and a vertical downlead

LIMITER: A device that keeps noise and electrical impulses below a preset limit

LINEAR: Any amplifier that is designed to accept a fully modulated sideband or AM

signal and produce a close replica but of higher power.

LINE CORD: The AC cord that connects a transmitter etc to the power source

LINE LOSS: Total of various energy losses occurring in a transmission line

LOAD: Resistor; antenna of the proper impedance that is designed to absorb power from a circuit

LOADING COIL: Coil inserted in any circuit for the purpose of increasing the inductance of that circuit

LOLIPOP: Microphone

LONGWIRE: Any antenna at a base station that is longer than one half wavelength from end to end

LOOP ANTENNA: A direction finding antenna in a loop shape

LSB: Lower sideband

MEGA: Prefix meaning million as in Megahertz

MELTING THE VOICE COIL: Extremely strong signal at the receiver

MICKEYMOUSE: Unprofessional concoction of components that will eventually fall apart or fail

MISMATCH: A condition whereby the impedance of the transmitter is not the same as that of the transmission line

MO BETTER: Improved from before (used in connection with signal etc.)

MOBILE: Meaning radio installation in a vehicle

MODULATE: Speak into the mike while the transmitter is activated

MUF: Maximum usable frequency

NETWORK: Organization of stations capable of intercommunication but not necessarily on the same channel

NEUTRALIZATION: Eliminating unwanted radiation from an RF stage by cancellation of the signals contributed by the stage itself

NOISE FIGURE: Ratio of signal to signal plus noise

NOISE SQUELCH: A squelch system that silences a receiver in the presence of noise

OHM: The unit of electrical resistance

OHKMETER: Device designed to indicate the amount of resistance in any circuit

OMNI: Omnidirectional antenna; one that is designed to radiate signals in as close to 360° plane as possible regardless of the angle of radiation

OP: shortened form of operator

OSCILLATOR: Amplifier designed to increase the signal it produces to such an extent that a stable frequency output is the result

OUTPUT: The signal produced by the rig

OUTPUT STAGE: Final stage in any transmitter, in a receiver the stage that drives the loud-speaker

OVERMODULATING: Talking too loud causing modulation to exceed 100% resulting in clipped transmissions

PARASITIC: Spurious radiation caused by inadvertent amplification of signals

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PC BOARD: Printed circuit board
PEAK: Tune the transceiver for optimum performance
PEANUT WHISTLE: Any lower power transmitter
POUNDS: S units
POWERHOUSE: Any strong station
PTT: Push to talk

Q FACTOR: Figure of merit of a coil or tuned circuit. The higher the Q the more selective the circuit

Q METER: A hand held instrument that indicates the Q Factor of a circuit

QRM: Interference from other stations transmitting on the same frequency

QRN: Interference from man made or natural sources, (transmitting stations, lightning etc)

QRT: Stop transmitting

QRX: Wait briefly

QSB: Rapid fading of signals

QSY: Change to some other channel

QUICKIE: A short transmission or exchange between two or more stations

RADIAL: Ground plane antenna element that extends horizontally away from a vertical radiator



RADIO CHECK: A short transmission to determine the quality of the signal

RADIATION: Signals leaving the transmitting antenna

RATS NEST: Maze of wires around radio gear

RC: Resistance/capacitance

RECTIFIER: A device that allows current to pass through in one direction only

RESISTOR: A device to impede the flow of current purposely

RF: Radio frequency

ROCKBOUND: Forced to operate on one or two channels because of inavailability of the correct crystals

ROTATOR: A device for directing beam antenna for maximum gain in one direction

S METER: A relative signal strength meter divided into S units, with S9 being equal to a strength of 100 microvolts at the antenna terminal

SET OF DIALS: A CB rig

SHIM: To illegally soup up a transmitter

SKYHOOK: Antenna usually at a base station and mounted on a tower

SLIDER: An illegal Variable frequency oscillator

SNOOPERSCOPE: An illegally high antenna

SOUPED UP: Modified to run at illegally high power

SPIKE: Short mobile antenna mounted on a roof

SUPERREGENERATIVE RECEIVER: A radio receiver that builds up a detected signal

THREAD: Circuit wiring especially those external to the set

THUNDERBUCKET: A very powerful sounding transmitter

TOOLED UP: Souped up

TRANSFORMER: Device that is used to convert an alternating voltage to a higher or lower value

TVI: Television interference from a radio transceiver

UHF: Ultrahigh frequency

UNIDIRECTIONAL ANTENNA: An antenna designed for maximum gain in one direction only

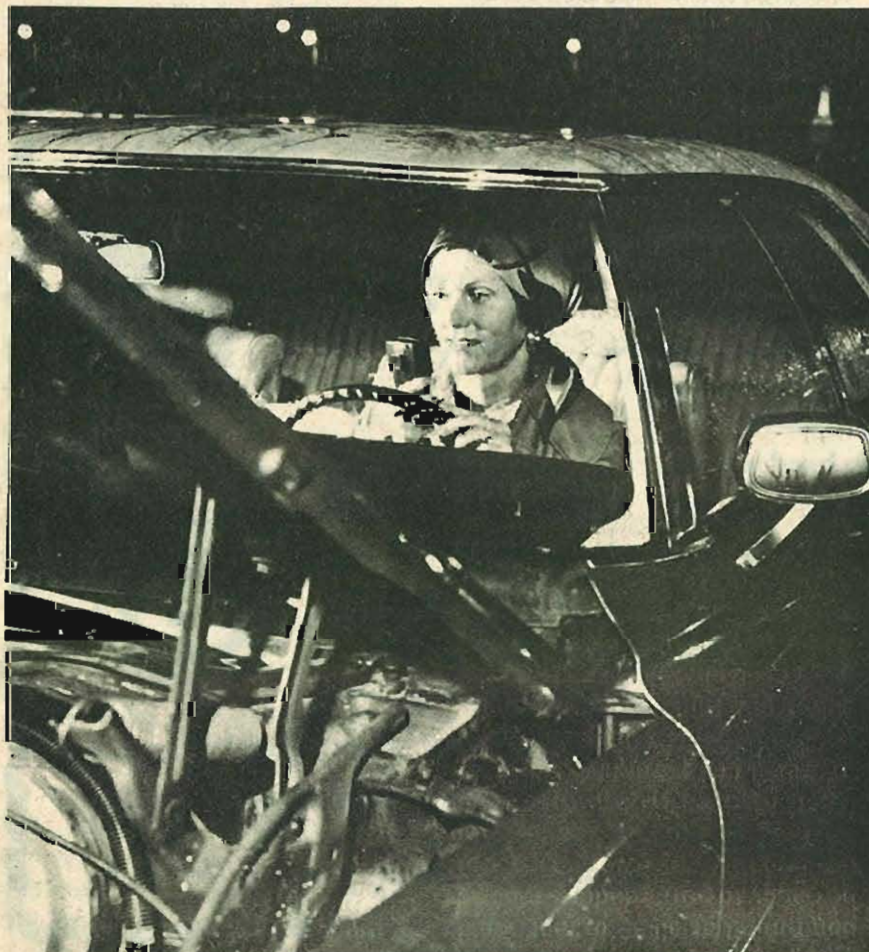
UNITY GAIN: Having no gain

UNTEENNA: Antenna

VHF: Very high frequency

WATTMETER: Device used to measure the RF output power of a transmitter

YAGI: Highly directional antenna consisting of a long boom and several cross piece elements



READERS PAPERWORK

MANCHESTER CLUBS

We are only one of many CB Clubs in the Greater Manchester Area. We at SMBC were one of the first in South Manchester. We first started in June 1980 with about 60 members and gradually it has built up to 400 members. Our meetings are every second Sunday and we are fighting for 27 megs because we have reasons to believe that we will get 27 Megs and then we shall be moved to the old BBC 405 line.

We had ourselves a small demo here from the South of Manchester into the town centre with a meeting in one of the car parks loaned to us by the NCP company. A lot of other clubs joined in and we were really pleased to see them. The only reporter to turn up was from a CB magazine so if Battlestar from Renfrew is reading please tell him he is not on his own about the press not being interested in CB Radio. But, all in all we had about 150 to 200 motors attend the demo with an average of 3 to a motor. So, we wish to thank all the other CB clubs for turning up and also Greater Manchester Police for the 4 motorcycle police they sent for our escort.

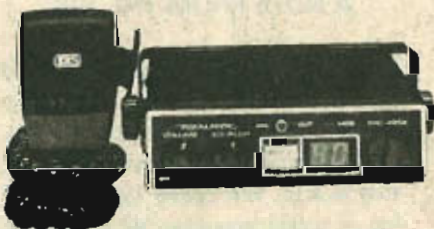
All these little demonstrations never will get us anywhere in my opinion. What is needed is another like Trafalgar Square in London that is the only way we will get the news coverage we need.

10-10 till we do it again

CHARLIE: South Manchester Breakers Club,
8 Parsonage Road,
Withington,
Manchester 20

C.B.A. MANCHESTER

A local branch — "C.B.A. Manchester" — of the Citizens Band Radio Association is in the course of formation in the South Manchester and Stockport areas. The Citizens Band Association (C.B.A.) now has a wide national membership, and campaigns for the legalisation of C.B.A. Radio and also provides a club for those who wish to support this objective and eventually become C.Bers. At the present time C.B.A. has almost one hundred branches covering the whole of the U.K., and hopefully this number will constantly increase. Currently the Government has a Discussion Document — "Open Channel" — dealing with the pros and cons of Citizens Band Radio services and the establishment of a service seems only to be a matter of time. Many of your readers will be amongst the C.Bers of the future and will undoubtedly be interested in joining their local branch thus increasing the possibility of a wider coverage. Details of membership are available from Mr. P. Lewis, 7 Bowland Rd., Woodley, Stockport, SK6 1LJ, or from myself, M. Cullen, 21 Westwood Rd., Stretford, Manchester, M32 9HX.



SOUTH SOMERSET BREAKERS

Just a line to tell you good buddies that we have just started a club called the S.S.B. at Yeovil Somerset. Our first meeting resulted in us having twenty five fully paid up members. We are

hoping to at least double that number at our next meeting.

Our club is interested only in getting the Government to allocate us a useable CB and we are not interested in the 27 v 928 MHz arguments. So, we shall do all in our power to help convince the Government that we are serious (although small, we can shout).

So, when any of you good buddies are down this neck of the woods give us a shout, we'll hear you.

TITANIC AND TOKYO ROSE



COVER COMMENTS

Please refrain from putting a comic strip on the front cover of your excellent magazine. Most newsagents think it's a comic and put it with the other comics, this is probably losing you hundreds of copies.

Hope you give a 10-4 on that SKYSCRAPER, Leeds

EDITORS COMMENT

The "comic strip" you refer to in your letter is the secret of our success.

HAM & EGGS

I wonder if you would like some friendly and constructive comments from a 'Ham'.

Firstly, we are not all anti CB, in fact many hams in the States also operate CB, for it gives them access to people who are not amateurs, such as wives from the car on the way home, for

instance. Probably one of the reasons for many UK hams' opposition to CB is fear of being blamed for causing TVI caused by CB. Believe me, having been faced with Television Interference caused to the inadequately designed modern TV set when operating legally on an amateur band one soon finds 100dB of harmonic suppression is not enough, and some cases just are not curable. So CB'ers, please don't stick out for 27MHz, or you will live to regret it. However bit the CB lobby is, you will find the domestic TV lobby is many times more powerful, and after an initial period on 27MHz you will find CB is banned, perhaps for ever.

So you have jumped the gun and invested in some cheap 27MHz gear; cut your losses and sell it while you can, for whatever band is eventually allocated, all the eventual action will be up there once the public in general have got into CB.

Now for a little bit of history; Ham Radio has been around since before the first war, and maybe had technology been so advanced, and equipment been available comparable to today's prices then, (which of course, it wasn't) today's problems vis-a-vis CB licencing would have happened over ham-radio in 1905. In fact, the government of the day, backed up by the military didn't want to allow it, and even when they did, the hams were set about by all kinds of regulations. Did you know we were limited in the number of hours in a day we could stay on the air? Or that the first licence you could get was usually only to allow you to possess a transmitter, but not to transmit into an aerial for the first year? If you are interested in the early history of amateur radio in the UK I suggest you read 'World at their fingertips' published by the RSGB.

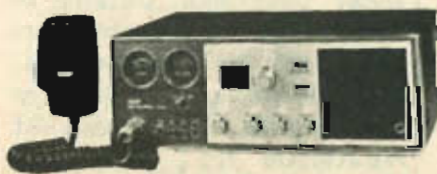
Of course, some regulations are necessary for the public good, like driving on the left of the road, but governments don't like public freedom; if they can regulate it they will, it's a good job they can't control breathing.

I look forward to proper CB, I'll have it in my car as well as ham gear. It may help hams to be allowed to do things that are at the moment banned, like carrying third-party traffic, using phone-patches, etc.

Some people don't like CB jargon (I don't think much of it myself) but even hams use their own jargon, much of it of US origin. When it really is popular with the public in general can you imagine your auntie saying 'I'm going to watch the modulated milk bottle now'? I think that side of CB will die out as time goes by.

Ham Radio and CB can exist side by side given commonsense by you guys, why not make friends with your local hams? They could be of help when you hit technical trouble.

P.J. Horwood G3FRB, Dartford, Kent.



A NOTE FROM THE BBC

I am writing this letter on behalf of our local club, our correct title is the Blackpool Breakers Club, although we are known locally as the B.B.C. We have had quite a lot of local newspaper coverage in connection with our aims, and our past fund-raising activities, which are both for ourselves and for charity. Our most recent event raised several hundred pounds for the Helen Aspinall Appeal fund. This was to purchase a series of Interferon

injections for a disease which she unfortunately has. It is normal practice at any eyeball for a raffle to be taken in aid of charity.

Our club funds are in excess of £2,000. This money has been raised by our committee, social committee, and by our members subscriptions. Our membership charges are £5 for the initial year for full membership; and £1.50 per year for an associate membership. For this amount the full members receive an attractive Club membership card containing their individual number, (this is sealed in plastic to avoid any problems arising), free admission to eyeballs, recent Twenty sheets, which are regularly changed, printed and distributed; the facility of being able to hire a rig (basic 40 channel), in the event of their own set being in for repair or confiscated. The charge for this is £1 per week for the first month, and £2 per week for the following month. There are also several other club benefits such as a rules sheet, a coach trip to demonstrations, a free Christmas pantomime for the breakers children. But, in my opinion, the most important aims of the club, are to legalise C.B. on 27 MHz, and to control, within reason, the language and transmissions made by breakers in our area.

At our most recent eyeball we invited members of the committee of the Blackpool and Fylde Radio-controlled model aircraft society, who in turn gave a talk on the building and flying of model aircraft, and the problems relating to the channel clashes between our two clubs and hobbies.

Not wanting to go into this in great detail, a quick conclusion of the outcome of this evening was, in fact, that the breakers, from the floor, put forward a

proposal that ourselves, the B.B.C. change our breaking channel from 19 to 27, and that in daylight hours we would not go lower than channel 22. This was seconded, and passed by an overwhelming majority. In return, the Model Aircraft Club have agreed not to use any channels higher than 19, in their case 27.195 MHz. This decision was accepted by both clubs, and now, in Towertown we both live on much better terms, which to our mind is what C.B. and good buddies is all about.

Our membership is approximately 500 full members, and 70 associate members. We meet at very large hotels and night clubs in the area, which we usually acquire free of charge. Our Chairman is Acrobat, V/Chairman is Rifleman, Secretary myself Shadowman, Treasurer Stockerman, and the other committee members are: Bunny, Shoestring, Saint, Editor, Blue Moon, BJ, Kid, Brigadier, Dwarf, Tripper, CW, and Kingfisher. Our social committee consists of Rifleman, Barclaycard, Penguin, Blue Movie, CW, Queen Bee, Jordie Girl, and Dwarf. All the above can be contacted through the above address.

Hoping this letter is of help, and if any other club in the country is interested in liaison on any of the above mentioned points, we as a club, are all ears.

To briefly recap, the functions we have arranged for our members since forming the club in April are as follows: Treasure Hunts (with and without rigs), Barbecues, Ghost hunting expeditions, Drink a Pub Dry nights, Guys in Disguise drag evenings, Fancy Dress eyeballs, Gambling evenings (using pretend money), Raft Races, besides

numerous eyeballs. Hoping you can use this information, to yours and our mutual benefits, and thanking you in anticipation.

Shadowman/Secretary



PIRATE RADIO

I think that your magazine is an interesting one, and hopefully it will do well in the coming months and years. As someone who has had a life-long interest in free radio, and who now edits a free radio magazine and does freelance work on the subject, I was glad to see the article on "pirate radio" in the third issue.

It surprises most people, but Radio Caroline was not the first station to broadcast from a ship to the British Isles, that honour goes to a station called, "Commercial Neutral Broadcasting Company", CNBC. They broadcast for a short time in 1961, on 192 metres from the Dutch coast using the ship Borkum Riff, the first Radio Veronica ship. CNBC broadcast when Veronica was off the air. With the increase in the hours of Veronica, CNBC closed down. It could be heard on the East coast from Hull down as far as Margate. DJs were Bob Fletcher, Doug Stanley and Paul Hollingdale.

Also, the ship Mi Amigo was not hauled off Frinton beach in 1966 by a Navy ship, the Captain effected the release of his own vessel by "Kedging", which involves placing the anchor on the beach some way from the ship, and then using the anchor winch to pull the

ship free, aided by a Dutch tug, Titan.

Radio Syd (not Sud) now broadcasts to Gambia, the Cheeta II is used as a restaurant in Banjul harbour — and the station is legal!

Martin Scholes

27 MEGS

As a CBer and a trucker I have avidly read all I can on CB and surely one big thing radio modellers are forgetting (and I am one also) is that 27MHz is a frequency set aside for CB and I.M.S. Services in 1947 and no user is guaranteed interference free use.

I would also like to point out that the air waves were there before we used them and are there for all of us to use. I tend to get annoyed to hear all the bleeping from modellers about the damage we do to their hobby. I ask what about the damage to our ears and nerves when we hear the infernal row their machines make. If, as they have a low output by law surely they should have a higher output to increase their control over them but if they want only short distance control let them go up to 928MHz and leave 27MHz to a worthwhile and life saving piece of equipment.

DUSTY BIN, Somerset



CB IN GRANTHAM

Thought I would tell you about our CB club or clubs in the Big G (that is Grantham). We have about 500 breakers and they are split into about 3 or 4 clubs.

We regularly hold eyeballs at the local Barley Pop Shops and we recently held a disco and dance and the profits went to a local children's home. We have a good buddy who gives us a news broadcast on Sunday nights so we are kept up to date on info. We also help the local smokies when we can and if the weather gets bad we give warnings about that too. That's what CB is all about. The majority of us think it should be legal on 27MHz as most of the local modellers are now on FM and we do try not to upset them. This Christmas we had Father Christmas on the air and he asked the children to give him their list.

THE FALCON, Grantham.



CITIZENS BAND SAYINGS

In response to your request for British Jive how about the following:

DISGUISED DUMMY: plain clothed detective
FOREIGN ENGINEER: trucker with CB who doesn't know the language
FIERCE MONSTER: police patrol vehicle
LET YOURSELF GO: fast as you can
BURNT BLUES: caught redhanded using an illegal CB
WHEEL CHAIN: convoy of wagons
GOOFY: lady CB operator
HIGH TIDE: police everywhere

MICHAEL, Southport

IN PRAISE OF CB NEWS

I must confess when all the publications started hitting the newsagents yours is the one I didn't much fancy, but being a staunch supporter of CB I jumped in. Now, after finishing your third issue I have placed a regular order for CB News. It's one of only two out of the six publications I know of and have purchased, which I find totally honest, factual and a great asset to the ordinary Joe Public who knows nothing of the technicalities:

So keep on truckin' buddies and you might like a bit of Jive talk:
Children - Breadsnappers
Hotel - Flopshop
Police - Bad news boys
Farmers - Carrot crunchers
Traffic warden - Ticket trooper
Dustcart - Roach coach

BADGER BOB, Hull

DIXIE TOWN BREAKERS

I would like to say I read with great interest your No.2 issue and found it very interesting indeed especially your "Jive Talk", and I have been learning some of these expressions on my good buddies and I have had a tremendous amount of fun with these expressions.

Your article on long distance information was very informative indeed. If in the future you intend to do anything with regard to clubs I would be very pleased if you would include our club, especially as we are local to your firm's 20. We meet every Monday at the Festival Inn, Trowell, Notts. and members and non-members, providing they are breakers, are welcome to attend. We organize quite a lot of outside activities, treasure hunts, rallies, discussions and fun shows and our 1981 calendar is filling up all the time.

I would like to wish you every success in the future and if you have ever considered adding small ads to your publication I feel this would help CBers sell odd bits and pieces they no longer require (I don't mean rigs).

All the 3's and 8's.

DICK BARTON, Nottingham

EDITORS COMMENT

Your wish is our command!
 Small ad column now included!

CB TO THE RESCUE

You may be interested to know that CB has already been useful in our area. On November 13th there was a rather bad accident on the Swindon bypass. Luckily, a CB user was just passing and avoided the accident. He used his CB to call the emergency services who were there in a matter of minutes. Had he had to go and find a telephone the nearest was 5-10 miles away. When they are legalised even my mother says she'll have one. Anyway best of luck with the magazine.

DEADHEAD, Swindon



ADVERTISING ENQUIRIES

If you wish your products and services to be advertised in our next issue please contact our editorial office for a rate card. Whilst it is obviously the intentions of the publishers to accept advertisements for CB rigs once legalised, on no account will advertising for such equipment be accepted prior to legalisation.

AREA NEWS

C.B. BLOOMING IN LEICESTER, CLAIMS LOCAL C.B. ACCESSORIES SPECIALIST

According to a report in the 'Leicester Mercury' (29th December) there are more than a million people in Britain using illegal 27 MHz C.B. Given the various estimates given in the press, this one has some validity since it comes from a 'top C.B. user in the city, and a main radio accessories dealer who uses the name (i.e. handle) 'Dragonfly'.

Indicating that he had sold £250,000 worth of C.B. accessories during 1980, 'Dragonfly' added that the number of Leicestershire people using C.B. was growing daily — and stated his belief that, whatever the government decided, the British CBers would continue to use their present 27 MHz rigs. Any system not on the 27 MHz frequency will be ignored, and the 900 MHz frequency is dangerously near the microwave frequency.

According to the paper, 'Dragonfly' declared that the government had to realize that people would not accept a totally unrealistic frequency — and that they should review their stand in order to enjoy the revenues that would be gained from legalization of 27 MHz. The report added that Leicestershire C.B. enthusiasts were eagerly anticipating the possible legalization of C.B. by the middle of 1981. The National Council for the Legalization of C.B. Radio was quoted as saying that it believed that the government would announce its decision in February, to check the growing numbers of illegal C.B. users.

Ironically, the same issue of the 'Leicester Mercury' carried on its Letters Page, a complaint from a reader in the Aylestone area of the city — C.B. enthusiasts, wrote 'Fair Deal' 'constantly interrupt television programmes and make it impossible to listen to BBC and ITV ... one particular transmitter starts early in the evening, and continues all night and weekends are no exception'. Can it be that we have a Mister Bigboots in that corner of the city? White 'Dragonfly' — as a dealer and enthusiast — is bound to put forward the usual sound arguments for 27 MHz, the government is well aware of the problems of interference to television reception, etc. and it is quite likely that this problem — even apart from any others — will give the thumbs down on 27 MHz. Still, it's good to know that the bright people of Leicester are so keen to get a legal system in Britain.

ANGLIA BREAKERS enjoy a touch of high society

You'd certainly expect those elegant breakers in Suffolk to do things in style — so we're happy to report that the Anglia Breakers Club is arranging a Dinner Dance at the Great White Horse Hotel, Tavern Street, Ipswich, on Friday 13th 1981. You may even collect a few Valentines on the C.B. as you drive home early the following morn, i.e. St Valentine's Day. John Walters, the Secretary of the Anglia Breakers Club, tells us that tickets for this excellent evening cost £5.75, and can be obtained from him (write to the Great White Horse Hotel — the Breakers' H.Q.)

By the time this report appears in C.B. News, a committee will have been formed, to create a programme, and generally steer things along. So we hope to report more from this genial part of the old country. Final note —

the Secretary has an appropriate handle : 'Mike The Bike'. Do you think those good buddies know about *kilocycles*?

GOOD DEEDS

The good buddies in the Derby area chose the name 'Hazard County Breakers Club' not because of the motorway repairs — but as a tribute to the 'Dukes of Hazard' TV series. Though the Derby breakers drive far more carefully! Although launched comparatively recently — in the later part of 1980 — the Club already has about four hundred members, with six or seven hundred coming along to the convivial eyeballs, usually held at one of Derby's night clubs. The Hazard County Breakers Club shows what can be done with a little enthusiasm and some hard work. There are two other clubs in the area, by the way, but CBers in Derby like to get together when they can. When the word got round that a new club was being formed, about sixty people showed up to launch it. A steering committee of four was elected, and some suggestion sheets, listing members available for committee election, distributed. That way, a committee of eleven CBers was elected, and now meets every week.

The Club Secretary, Mark G. Amott, explained that the local paper, 'The Derby Evening Telegraph' is very interested in C.B. Hardly a week goes by without something on C.B., which not only helps interest in Club activities, but also helps to inform the public about the benefits of Citizens Band Radio. Moral : Always keep your local paper informed, and on their toes!!

There's also been some fundraising for local charities, and a disco at a local night club raised a goodly sum for the Derby Trader

Christmas Appeal (for children's charities, etc)

Those amiable East Midlanders are great guys for good company, so it's hardly surprising that they are keen to mention 'the good time' they have at local night spots like Tiffany's, Romep and Juliet's, etc. But they are no less keen to get the good word on C.B. about, and to act as a pressure group. A recent meeting included a worthy representative of the law, explaining the legalities (or lack of them) regarding C.B. Just before Christmas, the Club arranged a convoy of vehicles and demonstration in Derby, successfully showing that the Season of Goodwill just had to include something about the C.B. we love so much. Maybe by December 1981, the government will give us a frequency, and make C.B. our Christmas Bonus.

Enquiries can be sent to the Secretary, Mark G. Amott, at 22 Radcliffe Avenue, Chaddesden, Derby. DE2 6NN

The Parade of Good Buddies, organized by the Hazard County Breakers Club around Derby on 21st December proved to be a merry enough affair, though at one stage, the slow-moving, all-lights-on Hundred Motion Lotion Burners tended to hold up Santa Claus coming fast behind. Serves him right: he should have got his traffic info on the old C.B.

Since using the 27 MHz rigs at that point might have been just too much for the Friendly Neighbourhood Police (who proved co-operative in facilitating the parade) the Hazard County Boys played 'Colonel Bogey' on their car horns. This is also against the law, but not so much against the law as having a 27 MHz rig.

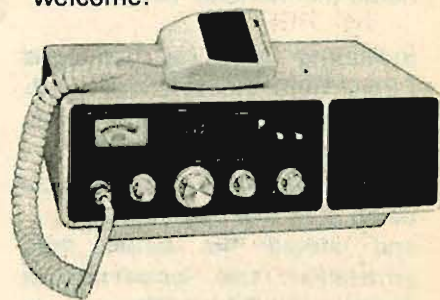
Policeman: Excuse me, sir, but were you playing 'Colonel Bogey' on your car horn?

Breaker: You sure ain't got no nose for music, officer. That there was the Beethoven Choral Symphony.

The Hazard County Breakers met at Markeaton Park, about a mile and a half from the city centre, at 11 a.m., just to see who was coming, and generally arrange things. There were more than a hundred cars, and one noble fellow had embellished his motor with paint: 'LEGALIZE C.B.' This old motor was, we believe, a Sunbeam, which may be appropriate bearing in mind how C.B. brings Sunshine into most people's lives. A genial sound, cross between a cheer and jeer, went up outside the main G.P.O. depot, so the worthies sorting out the Christmas Mail must have got the message: no bad feelings about though. Quite a few folks in the old Post Office would welcome C.B., especially if it cut down the amount of mail they have to sort at Christmas.

Although a meeting in the Market Place had been proposed, this didn't prove to be any kind of Instant Announcement of the C.B. Millennium. Instead, the breakers used it as an opportunity to swop news. There were representatives of other C.B. Clubs in the area, and it proved to be a Cheerful Eyeball. Mark G. Amott, the Secretary of the Hazard County Breakers, mentioned that someone had been following the parade filming the event on video. We're not sure what this was for, but the man with the camera was friendly enough, and maybe there'll be a chance for the locals to see themselves on a friendly screen sometime. A representative of the 'Derby Evening Telegraph' was also a keen observer: seems that the Hazard County Breakers have excellent relationships with the local press.

This was the first event of its kind organized by the Club, and the general impression that everyone gained was that it did put in a good word for C.B., chose a time least problematical to the police, i.e. on Sunday morning when traffic was relatively light, and that with everyone in festive mood (and sober) there were no problems. We certainly liked the idea of a good buddy painting his car up for the parade, though, something that we hadn't thought of. Maybe there's a good prospect for road-worthy jalopies, in other C.B. parades. Why! we might even think of arranging a national award for the Best Painted Car for the C.B. Demonstration. Other ideas welcome.



NICE NEWS FROM NAPOLEON ABOUT THE WESSEX OPEN CHANNEL CLUB!

You couldn't choose a grander handle than 'Napoleon', and we are grateful to 'the Emperor' for some cheering news about the Wessex Open Channel Club. Seems that the club got launched because four members of an existing club became a little weary of the 'brown bottling' and lack of campaigning zeal therein. So the foursome talked over the situation one evening, and in true Napoleonic tradition, decided to act — the Wessex Open Channel Club was born.

Fortunately, one of the quartet knew of a welcoming pub, this perceptive member, 'Moby Dick', making the arrangements. Membership of the Wessex Open Channel Club is now about *eighty* — showing considerable

progress from the original dozen at the first meeting. The pub, by the way, is the 'White Hart' at Ford, near Chippenham, on the A.420 — a nice part of the landscape.

Club enthusiasm certainly owes a great deal to the specific aims set:

The Club would press for C.B. legalization in every way it could;

It would remain flexible in that no 'hard and fast' membership rules would be made, and no membership fees would be asked for;

No membership lists would be kept, except 'handles';

There would be two rules at the meetings — NO TWIGS, NO RIGS;

There would have to be a committee, but the Club would have open meetings, at which the whole Club would decide what should be done, after discussion;

There were to be two Chairmen, in case one could not attend a meeting.

'Napoleon' tells us, "Since that first meeting, we have kept to the above suggestions. We have written to the Home Office. We have applied for, and got the discussion paper. We have replied to it, rejecting the whole thing as totally incompetent. We launched an appeal for which we raised over £945 in three weeks. We are continually writing to papers and magazines, and are represented at demonstrations during the year. We are represented on the National Committee for the Legalization of C.B. (Chairman: Richard Town, G.L.C.) and we have helped start up one other club in Swindon. Five of the original members are also members of REACT."

'Napoleon' explains "We called the Club, 'Wessex' because we wanted to be open for anyone west of Swindon to Land's End who wanted to drop in, and we

have had visitors from Southampton, the Midlands, Wales and Frome, Midsomer Norton as well as locally — Bath and Bristol. We try to pass on as much information as we can, to everybody about the situation generally — the attitude of the police, what the G.P.O. and Home Office are doing, and what other clubs are doing."

Details of meetings can be obtained from: 48, Holsom Close, Stockwood, Bristol, Avon. BS14 8LX



WEST GLAMORGAN BREAKERS flourish in sunshine country

The West Glamorgan Breakers Association have been bringing a few bright beams to the Principality, and recently organized a collection of money, toys and tinned foods, for an organization helping children suffering with spina bifida. Local breakers turned up for a Christmas Party, when these goodies were handed over, and there seems to have been a touch of Sesame Street about the happy occasion — as the secretary has the handle of 'Big Bird'. This nice lady reports, "In the area recently, a disabled man stopped on the fast lane of the motorway. One of our members saw this, and went to help, but, as the disabled man couldn't move from his car, our breaker friend put out a 10-33. Within minutes, the police were able to look after the disabled man and his problem." The breaker had a sincere word of thanks for his prompt action. Naturally : Welsh folks are quick with the goodwill syndrome.

'Big Bird' reports that the Club was formed in September, and already had almost 190 members, coming from Mid and West Glamorgan. Meetings are held every Tuesday evening at a Port Talbot hotel : further details from the Secretary, 25 Plas Newydd, Baglan Moors, Port Talbot, West Glamorgan. SA12 7DF.

'Big Bird' was kind enough to send in a local C.B. Geography, and other examples from other clubs are welcomed. Port Talbot — Smokey Town; Swansea — Big City; Cardiff — Smokey Dragon; Neath — Cattle Town; Bridgend — Big B; Carmarthen — Big C; Pontadawe — Hopkins Town; Porthcawl — Caravan Town; Maesteg — Coal Town; Llanelli — Scarlet City, and Morriston — Monkey Town.

We shared these items with Big Dai, the reporter who had poetry published in the 'Bridgend Advertiser' before the machine broke down. Big Dai says that, bearing in mind the developments in mid Glamorgan, he thought that Bridgend might be 'Sonyville' (after Sony, now established there) or even 'Little Detroit' (after the Ford plant). Having seen the new traffic system in Cardiff, with the whirly-birds licking up St. Mary Street, he says that Cardiff might be known as 'Indianapolis'...or 'Splott by Speedway'. However, we look forward to more merry words. One last thought from Big Dai — he says that anyone interested in C.B. ought to go to Porthcawl cos that's where the big breakers are! You can see them crashing against the promenade whenever the tide comes in — remembering that Porthcawl Prom was put up by a Mr. Brogden. We don't know his Christian name, but if it began with 'C', it would sure be a coincidence, C.B. style.

U.S.A MARKET

must admit the authorities sure took it strong that he was into 27 MHz. However, it was generally known that his strong breath bent the voice coils, so most people switch to Channel 41 when anyone claiming a 'King Kong' handle attempts to break into the chat.

Recent discoveries have shown that pre historic man did have C.B. Also that letters always got delivered the next day. The reason why pre historic animals were so large was, as you know, so that primitive man could run up an antenna on their horns, trunks, ears, or in the case of the average giraffe, eyebrows. A well known anthropologist with a handle, 'Don't Quote Me', says that whilst smoke signals ran into trouble with good government eager to clean up pollution, and those drum signals had to be synchronized because otherwise, the government said, it would snow in Siberia, pre historic C.B. was okay. This was mainly because those eager-to-stop-it leaders of the community could never track down the dinosaurs giving out the strongest signals — you know, the ones that brought pterodactyls crashing to earth since they were flying on the same 27 MHz wavelength.

"There is," says our anthropologist chum, "a strong link between modern civilization and not having C.B. If the government says 27 MHz is okay, we'll probably see dinosaurs roaming the land looking for a good bed and breakfast — everyone knows that C.B. is really very *primitive*."

Don't you believe it? Some of those trucks you see in the C.B. magazines are bigger than a brontosaurus. By the way, I know the address of a real athletic gorilla if you've got trouble with *your* antenna.

'Radiogram Kid'

Gazing at the adverts from U.S. C.B. journals is rather like taking a swig of tonic to stimulate your appetite, only to discover that Mama didn't get any lunch today, and you don't have enough for a quick spread at the fish-and-chippery. We run adverts here purely for interest, knowing that it's not likely that those models will ever be on open sale here. Naturally, we have permission to reproduce the adverts, but receive no income from doing so — though we are building up many enquiries for advertising space in CB News, so write in if you want our Rate Card.

As in Britain, there are two distinct markets for C.B. — the majority for mobile units, with a relatively small number for base (home) installations. Brits, of course, will have these options when C.B. is legalized, and we include reference to new models, etc. here just as a matter of general interest. Whilst C.B. isn't in the hi fi category, the trend in base rigs is certainly towards sound quality, and initial sales advice is always that the serious hobbyist needs to think in terms of better equipment than the driver, where sound quality isn't so important. The same will hold true in Britain, we believe, because there will be a demand for good quality base rigs, quite probably as a higher percentage of total equipment sales than is the case in the good old U.S. of A. The serious hobbyist is certainly a user of a base rig, though he probably has one in his car(s) too. He could well spend best part of a thousand dollars on his base rig, with, say, a high quality SSB/AM transceiver for about \$570, a good antenna with directional control box, with mount, for about \$270, a pre-amp microphone for about \$90, and a

SWR/power meter for about \$70. It's impossible to convert these prices into British currency, though you can, as a quick reference, divide by two-and-a-half, to change your thousand dollars to £400. However, it's not too likely that, even in Highly Legal Times, you would get such a rig for that price, and nearer £500 would be possible. Not that C.B. *has* to be that expensive. With the keen competition in the U.S. market, you can get an operating mobile for less than a hundred dollars, a transceiver for about eighty dollars, and a 37" cowl mount antenna covering most of the balance, leaving you with a few dollars for throat drops, lemon flavour (for those times you get hoarse for being too active on the C.B.).



A good habit of Mr Average American is that of being very keen to get value for his hard earned dollars. As far as one can generalize, Americans tend to be more careful about giving, and getting, service than is the case in the old U.K. Even teachers and home economists have remarked on this — so it must be right! So even if the C.B. handbooks, etc. warn over-eager C.Bers against buying second-hand equipment at 'eyeballs' (unless they are sure it works, and is in good condition) the general impression is of a good range of equipment, offering extremely good value. It would be nice to think that Brits

CLUB DIRECTORY

We publish below a list of regional CB Supporters Clubs. If you wish your club to be included in this section FREE OF CHARGE, please complete the Classified Advertisement form found elsewhere in this issue. Readers should satisfy themselves first of the individual clubs' validity before sending subscription or membership monies, and the publishers of CB News will not accept any responsibility in the case of any possible dispute. (Please include SAE)

AIR VALLEY BREAKERS

Call Ch 19 or USB 30
after 11 pm

ANGLIA BREAKERS CLUB

c/o Great White Horse Hotel,
Tavern Street, Ipswich,
Suffolk.

BBC

168 Ashfield Road,
Bispham,
Blackpool.

BAT

6 Woodlands Close,
Tring,
Hertfordshire.

BIG EYEBALL BREAKERS

53 Church Crescent,
Finchley,
London N20

BIG FOUR CLUB

40 Brunswick Square,
Hove BN3 1EF,
East Sussex

BIG H LUDDITES

6 Fieldhouse Road
Huddersfield
HD1 6NX

BREAKER ONE FOUR CLUB

Napier Barracks, BFPO 20

BRICKET BREAKERS CLUB

Watford Component Centre,
7 Langley Road,
Watford, Herts.

BRISTOL CITIZENS BAND CLUB

1a St Peters Rise,
Headley Park,
Bristol BS13 7LU

BURY CITIZENS BAND CLUB

Ripley House Hotel,
Northgate Avenue,
Bury St Edmunds,
Suffolk

CBA MANCHESTER

7 Bowland Road,
Woodley,
Stockport, Cheshire SK6 1LJ

CBA SCOTTISH REGION

10 Manse Road,
Stone House,
Lanarkshire.

THE CITIZENS BAND ASSOCIATION (CBA)

16 Church Road, St Marks Rd.,
Cheltenham, Glos. G151

CAMPAIGN FOR BRITISH CITIZENS BAND

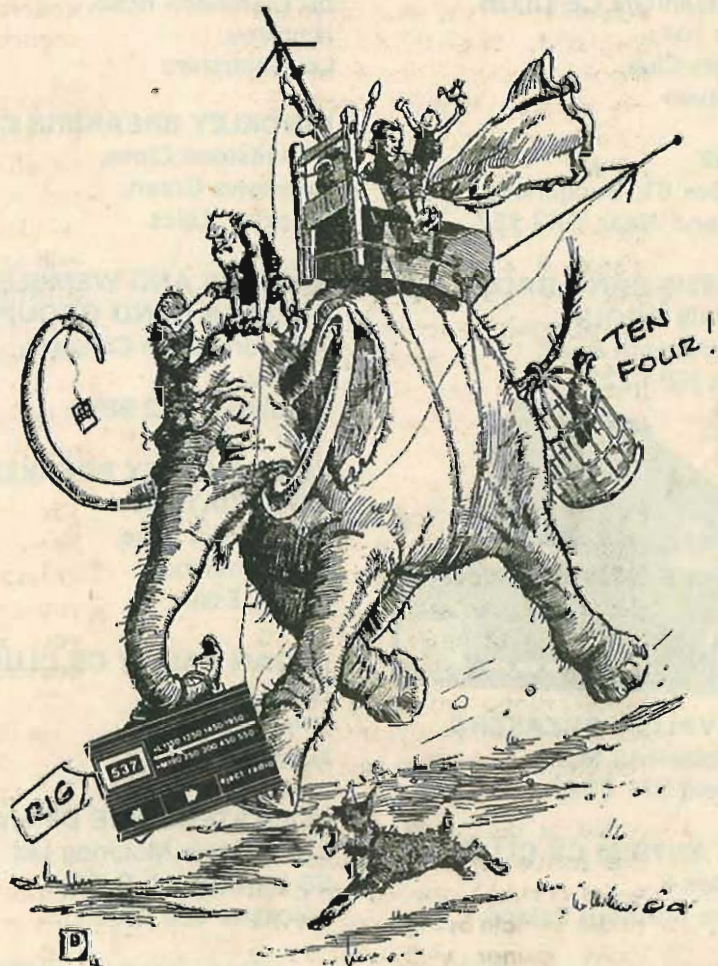
1163 Yardley Wood Road,
Birmingham B14 4LE

CARDIFF AND DISTRICT BREAKERS CLUB

12 Aberdored Road,
Gabalfa, Cardiff.

CBA SW,

7 Wookey Hole Road,
Wells, Somerset.



"I wish this pesky animal would make up its mind whether we're a base or mobile rig."

CBCA CLUB
103 Southwood Road,
Downside,
Dunstable, Beds.

CB MUSKETEERS
61 Gibbwin,
Great Linford,
Milton Keynes, Bucks.

**CHELTENHAM BREAKERS
ASSOCIATION**
c/o The Crown & Cushion,
Bath Road,
Cheltenham, Glos.

CLOG TOWN BREAKERS
c/o Astley Bridge,
Bolton B4 6PX

COPY CATS CLUB
Martholme Grange,
Altham,
Accrington, Lancs.

CRAIGAVON CB CLUB
Room 101,
Country Club,
Craigavon

CB-NE
P.O. Box 61, Sunderland,
Tyne and Wear, SR3 1EZ

**CITIZENS BAND RADIO
ACTION GROUP**
55 Dartmouth Road,
Forest Hill SE23



DON VALLEY BREAKERS
282 Eccleshall Road,
Sheffield S11 8PE

EAST ANTRIM CB CLUB
P.O. Box 4,
Antrim, Northern Ireland.

EDINBURGH CB RADIO CLUB
22 Ross Gardens,
Edinburgh, EH9 3BR

**ESSEX CITIZENS'
BAND CLUB**
24 Bryony Close,
Witham,
Essex CMB 2XF

GBA
Coronation Service Station,
Middleton Road,
Heywood, Lancs.

GLASGOW CB CLUB
147 Trossachs Road,
Rutherglen,
Glasgow.

GLASGOW CB CLUB (CBA)
3 Erskine Road, Whitecraigs,
Glasgow G46 6TQ

GRAMPIAN BREAKERS CLUB
59 Jasmine Terrace,
Aberdeen.

HART OF ENGLAND CB CLUB
58 Clarendon Road,
Hinckley,
Leicestershire

HINCKLEY BREAKERS CLUB
8 Gladstone Close,
Swallows Green,
Hinckley, Leics.

**HARROW AND WEMBLEY
CITIZENS BAND GROUP**
7 Sandringham Crescent,
Harrow,
Middlesex HA2 9BW

**KENT & ESSEX BREAKERS
ASSOCIATION**
c/o 24 Mill Lane,
West Thurrock,
Grays, Essex.

LAGAN VALLEY CB CLUB
Poste Restante,
GPO, Lisburn,
N. Ireland.

LEICESTERSHIRE CB'ers
c/o Modern Motoring Ltd
68 Narborough Road,
Leicester LE3 0BR

**MALTBY CAMPAIGNERS
FOR OPEN CHANNEL RADIO**
25 Coupland Road,

East Herringthorpe,
Rotherham,
South Yorks.

MID KENT CB CLUB
18 High Street,
Charing, Ashford,
Kent

MCBRC
85 Allens Lane,
Pelsall, Walsall,
West Midlands.

NATIONAL 10-44
The Limeburners Arms
Park Lane,
Kirkby in Ashfield,
Nottinghamshire.

NESS POINT CEE BEE CLUB
77 ship Road,
Lowestoft.
Meet at Oulton Broad Sporting
Club, Thursday nights.

**NORTH BIRMINGHAM
CB CLUB**
58 Fowlmere Road,
Great Barr,
Birmingham B24 2EA

**NORTH COTSWOLD
CB CLUB,**
23 Greenhill St.,
Stratford-on-Avon.

**NORTH MANCHESTER
CB CLUB**
Pro: Blaster Bates,
Belmont Hotel,
Middleton Road,
Crumpsall, Manchester 8
(Meet alternate Mondays 8pm)

Pennine One Nine Club
29 Legrams Avenue
Lidget Green
West Yorkshire BFD7 2PP

PRESTON CB CLUB
29 Russell Avenue,
Preston, Lancs.

REDDITCH AREA CB CLUB
80 Heronfield Road,
Churchill,
Redditch. Worcs.

SOUTH BIRMINGHAM CB CLUB (SBCBC)

14 Delrene Road,
Solihull,
West Midlands B90 2HH

ST HELENS CB CLUB

33 Broadway,
Grange Park,
St Helens, Merseyside.

SMBC

8 Parsonage Road,
Withington, Manchester 20

STEEL CITY CB CLUB

SSCBC,
P.O. Box 123,
Reading.

TELFORD CB RADIO CLUB

192 Bishopdale,
Brookside, Telford.

10-4 CLUB,

BN/10.4
London WC1

TOP VALLEY EXCLUSIVE BREAKERS

Bestwood Lodge Hotel,
Bestwood Lodge Drive,
Arnold, Nottingham.

UNITED BREAKERS ASSOCIATION (UBA)

50 Gaskell Street,
Clapham SW4

UBA (ESSEX)

24 Bryony Close,
Witham, Essex.

UBA (NE)

53 Mayfield Avenue,
Lancaster.

UNITED CAMPAIGN FOR THE LEGALISATION OF CB RADIO

10 Lochnell Road,
Dunbeg, Connel,
Argyll RA37 1QJ

UNITED KINGDOM CITIZENS BAND CAMPAIGN

32 Downbank Avenue,
Barnehurst, Kent DA7 6RP

UNTOUCHABLES

299 Manchester Road,
Kearsley,
Bolton, Lancs.

VICTORY BREAKERS

9 Mayhall Road,
Copnor,

Portsmouth, Hants.

WCCBAC

West Lynn Cafe,
Blackwater,
Truro, Cornwall.

WEST GLAMORGAN BREAKERS ASSOCIATION

25 Plas Newydd,
Baglan Moors,
Port Talbot,
West Glamorgan SA12 7DF

WESTON BREAKERS CLUB

Weston-super-Mare,
(Ch 30 daylight hours,
14 after dusk)

THE WEYMOUTH CB CLUB,

39 St Thomas Street, Flat 1,
Weymouth, Dorset.

WORTH VALLEY BREAKERS

c/o 19 Woodhouse Road,
Keighley, Yorks.

WYE FOREST BREAKERS

19 Chowson Pleck,
Chowson Estate, Droitwich.

TECHNOLOGY TODAY

TECHNOLOGY'S OKAY — its people who are slightly crazy!!

Before you wave that Big Banner for C.B., it might be worth reflecting that one of the problems that we all face is the increasing pace of communication — and by the time that you've made a decision on one issue, another has jumped into your In Tray. After all, C.B., in government circles, may be of little importance compared, say, to pay-TV (which has certainly been talked about for more than ten years — impatient CBers, take note!!)

During November, Mr. Whitelaw, the Home Secretary, gave the go-

ahead to a major pay-TV experiment, based on 12 stations. Advertising will not be permitted, but it looks promising, from the point of view of making the mazoolah. Major companies, including Visionhire, Radio Rentals and Rediffusion, plan to seek licences to run stations, when viewers will pay up to £7 or £8 monthly for the privilege of seeing feature films and live sport. This certainly reflects a general feeling, among consumers, that they want more choice, or maybe more control over what appears on the TV screen. The old adage about 'the man who pays the piper' may be more appropriate here, than to B.B.C. TV. But we'll see ... By the

way, the B.B.C. may have a licence for one of the pilot schemes. I wouldn't mind paying up my £7 a month if we could have Valerie Singleton back on 'Blue Peter' (ain't been the same since she went). Certainly, television has been more in the mind of our Wisers and Betters, than poor old C.B., remembering that the fourth (ITV) channel has been discussed in the Lords. But maybe that's the way the ball is rolling. Given too much delay on audio C.B., we may get overtaken by events and go almost directly to home video C.B.

The Federal Communications Commission, which licences all C.B. rigs (as you know) in the

THE FREEDOM PHONE®

Elsewhere you may have seen an earlier model advertised at a bargain price which is matched by the latest FREEDOM PHONE FF 3000 offered by ourselves for just £135 including delivery, and 12 months guarantee. Full fitting instructions included!



A SOPHISTICATED CORDLESS
PHONE COMPLETE FOR

£135

When you receive a call the handset will emit a pleasant electronic tone. Simply flip the 'talk' button and use as a normal 'phone. If you are in a noisy environment flip the volume switch to 'high'. This facility also allows the handset to be used as a 'hands off' loudspeaking telephone.

Industry

The Freedom Phone has been found to be invaluable on the factory and warehouse floor, where key personnel do not have to waste time walking back to the office to make or receive 'phone calls. Four frequencies are available.

And that's not all!

The complete set-up comprises of transponder, handset, interchangeable telescopic and rubber aerials for the handset, carrying case with neck strap, belt or pocket clip, additional charger unit and instruction manual.

Optional Extra

Transponder aerial to increase range of Freedom Phone to ½ mile.*

Specifications

Transponder Unit

Size W = 8¼ in. D = 7 in. H = 2¼ in.
Voltage 240V A.C. Power Consumption 10 watts.

Handset

Size W = 2-5/8 in. D = 1¼ in. H = 6½ in.
Power — built in rechargeable nicad batteries.

To Order

Send cheque for £135 made payable to "CWAS". Allow ten days for delivery.

THE FREEDOM PHONE FF3000

Imagine a telephone you can take with you all round your property. In the bathroom, the garden, the bedroom, even next door. That is the Freedom Phone! You can make and receive 'phone calls within 600 feet* of your transponder unit.

Operation

The Freedom Phone consists of two units, both of which transmit and receive simultaneously. No need to 'push' to talk like some units.

The Transponder

This is the base station which connects to the telephone line like an ordinary 'phone, and plugs into the mains to supply its power. It transmits by using the mains supply cord and receives via a telescopic aerial.

The handset slots into the top when not in use to recharge its nicad batteries.

On the transponder is a paging button. Pressing this will cause the handset to 'bleep'.

Two indicators show 'Mains on' and 'In use'.

The Handset

You make and receive calls on your handset.

The handset transmits via its telescopic aerial and receives via a built in aerial.

To make a call simply engage the line by flipping the 'talk' switch and dial using the standard push buttons. If the number you called is busy, wait a minute and press the 'last number redial' button. The whole number will be re-dialled!

POST TO: Freedom Phone Offer, CWAS, 11 Denbrook Walk, Bradford BD4 0QS, West Yorkshire, England.



Please send me my Freedom Phone FF3000. I enclose my cheque (with name and address on reverse side) for £135 made payable to "CWAS" or debit my Access/Barclaycard No. for £135.

Signature

Name BLOCK LETTERS ONLY

Address

Post Code Daytime Tel. No.

Please note that these devices are at present not licenceable for use in the United Kingdom.

good old U. S. of A., has just recommended the establishment of a large number of 'low power' television stations, about 1,000 watts compared to the 300 kilowatts for an established conventional TV station. These drivers going vast distances: it was ironically, one of the few bright spots in modern electronics that started out as something to work with, not something to play with. And maybe, for many of us both sides of the Atlantic, that still remains true!

The better C.B. handbooks published in the U.S.A. have reviews of current equipment. Annual publications up-date the range and prices, etc included, and it's significant that, as ordinary folks got into C.B., so the advice about buying wisely increased. Truckers, it seems, are not as gullible as the rest of us, but, then, who would want to get into an argument with a trucker with all that weight behind him? Of course, when C.B. is legalized in Britain, there will be the useful helpful advice from all quarters; and 'Which?' will probably seek to review (i.e. test and report on) equipment. After all, 'Which?' (starting out, just like C.B., as little more than a bright idea) has certainly done good work in testing and reporting on audio electronics since its inception in 1957. So make sure you're a subscriber, friend. Not that there has been any massive advance in technology over there: greatest impact, in terms of change, was the development of 40 channel transceivers with the new system in 1977, which rendered obsolete, though not without their (used) markets, the 23-channel rigs. Well, you don't have to be especially bright to realize that the C.B. Clubs, already establishing a useful communications network, may be strategic in advising folks on which rigs are best value for

money. One of the C.B. handbooks says that it's as risky buying a used C.B. rig without expert advice, on *your* side that is, as it is to buy a used car. Maybe in a future election, the candidate will be shown, full face, with the question, 'Would You Buy a Used C.B. Rig from This Man?' It would be good to think that, as friends and neighbours get introduced to C.B. in the Golden Age of Wisdom just ahead, they opt for good advice, from an existing breaker, before picking up 'a bargain'. As my daughter bought a tape cassette recorder that could not be repaired when it went wrong not long after purchase (from a respectable retailer) on account of the fact that it was one of a range no longer on sale — a job lot, in other words — the feeling that one could similarly lose cash on buying C.B. equipment is quite strong. A C.B. handbook which sits on the desk informs me of all kinds of things that can go wrong, not so much from lack of understanding of technology, as lack of imagination as to why the nice guy wants to sell you his old rig at such a modest price. From Obvious Awful Encounters, the new neighbourhood stations will cover small areas, up to about 12 or 13 miles radius (from the transmitter) and will not interfere with other stations using the same channels. However, in case you think that those Generous Old Americans are more capable than we are, we ought to add that there is a certain amount of argument about the F.C.C.s recommendations. Seems that a general lack of enthusiasm has been registered by the National Association of Broadcasters, which represents about 650 commercial TV stations. Their general response sounds strangely British: they figure that the planners at the F.C.C. haven't really understood the problem of setting up the stations. On the

other hand, community groups, and those who want ordinary people to be more involved in mass media, think that these new stations are a good idea. So maybe here, in Britsville, too, Mama will put on her hat, and tell the family, she is just going down the road to do her TV spot.



Why did C.B. get such a good start in the U.S.A.? Well, in one sense, it didn't. As students of the art well know, when C.B. was originally introduced, it didn't get many takers. However, recalling that our American friends often have multi channel cable TV, to an extent scarcely conceivable in Britain, as well as a home well filled with other gadgetry, maybe C.B. just had to wait its turn. Most people who gaze at the advertising for new delights in domestic electronic entertainment tend to ask *not*, 'How are we going to find the money?' but 'How are we going to find the time?' Only when the potential for mobile C.B. became really apparent, did the interest-explosion occur, and the lonely motorist felt that, at long last, he had some company at the end of his antenna. And that can be a whole lot more comforting than new gadgets at home, or under the bonnet. Many British CBers express the general feeling that the association with long distance trucking is somewhat overdone, but, however we might feel about those buddies driving across the states, they certainly proved to be adept propagandists for the medium. We don't have, in Britain, the same 'truckers' culture', i.e. life

style — being a smaller country, and (though the government threatens unkind things to B.R.) still rail-oriented in a way unknown in the U.S.A. Trains, alas, went out of fashion for quite a while, and though they are enjoying a renaissance now, one can appreciate the comment of a friend who did some happy riding on the U.S. rails : "They sure don't tap the wheels, the same over there, as we do in Britain." He referred, alas, to the general deterioration in the U.S. rail system, over the years. So C.B. was a basic contact tool for writer of the handbook advises, "Do not neglect the testing procedures found in this handbook, i.e. for equipment before purchase. Otherwise, you may end up with a sleek looking radio containing some melted down diodes and a jumble of shorted wires. Appearances can be deceiving. Demand proof: demand performance." Why! it really does sound like a second-hand car we once bought!! Well, we cannot do much in this direction of good objective advice on equipment, *yet*, though it is interesting to see that many veterans of C.B. suggest that you buy the accessories, including the antenna *first*, and then decide on the radio itself. Local Clubs, and C.B. groups might give some idea, though, as to the ways they would make advice evidently available to people interested in C.B. — a phone number, maybe, or feature articles in the local press. After all, local papers seem to have more enthusiasm for advertising features than almost anything else — so keep it in mind.

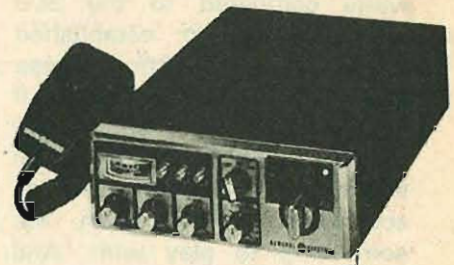
Will there be a C.B. boom in England? Well, if there is a new frequency, and if C.Bers using 27 MHz are ready to hurl their Naughty Rigs into the nearest refuse cart, *maybe*. On the other hand, the current state of things in the Old Country makes us wonder if we'll be able to afford

new torch batteries in 1981 and 1982, let alone a new C.B. rig. And if the government takes as long to figure out C.B. as it does many other things, we may be getting towards 1984, by which time the pound in your pocket will be worth fourpence. A chum of C.B. News thinks that, once C.B. is made legal, there will be a consumer boom for eighteen months or so, and then life will quieten down. This could be an accurate summing up, but, on the other hand, C.B. itself may lead to other technology in which people participate rather than 'sit and watch/listen'. And we are moving more and more to a participatory society. Maybe C.B., rather than being an end in itself, will move us on to a more democratic, more open way of handling our media, and our general political life. Certainly, U.S. experience suggests that people find C.B. supportive, emotionally, psychologically and in the day-to-day handling of problems. So, as problems in society increase, we need C.B. more and more. On that basis, everyone in Britain will need C.B.!!



Maybe the government may get some psychological insight from their Bright Beamers in the Home Office, and see that, at a time when people feel threatened by technology (e.g. by being thrown out of work by industrial change, etc) C.B. shows that change can be positive, and sustaining. So, as we chug down the under-repaired roads, in a car that should have been traded in long ago (only we couldn't afford it) it'll be nice to have a friendly word, via the rig. Even if all this data is helping to make people

crazy, as some psychologists seem to think, we can view C.B. equipment in terms of value, financially, and values, socially.



Maybe people today are too crazy to use C.B., they say. Well, even if you had five percent of users who would bad mouth on the air, would that really validate delaying legalization for the majority who would use the medium well, for the good of the community? Maybe technology has another trick up its sleeve, anyway. 'Voice prints', i.e. the distinctive electronic recording of our voices, via oscilloscope and other equipment, are as distinctive as fingerprints, so we're told. It may not be too long before persistently irresponsible users of C.B. get their cum-uppance through their 'voice-prints', assuming that they owned legal rigs. And by that time, we'll have robots as chauffeurs, to drive the car and do the housework while we get on with the more important business of talking on our rig — and also going out to meet friends made thereby. However, if you go out to meet a guy whose handle is 'Hannibal', and your eyeball encounter reveals a funny guy with an elephant by his side, remember the old adage : People Are Crazy. That's What Makes Them So Interesting.



COPYING THE MAIL

more travels across c.b. country with the radiogram kid

Talking to a chap just back from the U.S.A. about C.B. got me some useful info about the prospects for small-town business.

"You can be driving along listening to C.B.," he said, "and then, as you approach a small town, a store proprietor breaks in to say that you'll be mighty welcome to call in and have a cup of coffee." Trouble is, he added, that some of these homely towns are so small that you pass right through them before you have a chance to press the foot-brake. "However," he beamed, "You get the impression that all over the U.S. of A., nice small-town store proprietors are percolating, day and night." Maybe they are, seeing that no-one seems to stop to take up the offer.

There's no doubt that, in these tough times, British entrepreneurs would do the same, which is why the C.B. Campaigners are pressing for a limit to the amount of rigs that any business can operate. However, bearing in mind some of my own driving experiences, I think that roadside cafes and garages might have to be a mite more honest, or careful. I was once doused with petrol by a wayward attendant on a windy day, not far from Old Cardiff. He directed me to the cafe nearby to wash it off: therein I found a wash-up without towel and hoochie to the tap. Being honest about that kind of thing on C.B. could be interesting, but not exactly welcoming: "If any drivers out there want to have a freshening up with a 95 octane petrol shower, just call in. Our wash-up is fun, too. Get the kids to test their strength on our Tap

Puzzle — how on earth can you turn it on? Have fun figuring out how to dry your hands on a cheese sandwich." And so on. You'd have to stop out of sheer curiosity. On the other hand, knowing that some cafes are mighty sore if you turn up really late, i.e. after five in the afternoon, the C.B. might merely flash, "We're all shut in Hicksville. Please keep driving through." C.B. could give a whole new look to traditional British hospitality...ain't saying what that look will be like though.

CBers have been writing to me, saying that there is too much talk about the truckers' world, not so much about the kind of British style C.B. Well, we are working on this, and your reporter gets as many free lifts on the road as possible to see how owners of really ancient wagons are thinking.

This also saves The Radiogram Kid hard cash on buying one of those Ford Concertinas, which he favours. When C.B. comes, service stations in the U.K. plan to really get in on the act, and maybe polish your antenna at the same time as they wipe your rear windscreen with a grimy rag. That will probably get you Radio Moscow on your rig if nothin' else. However, the more I see service stations loading up with the electronic gadgetry, the more I wonder how they plan to *sell* it. Last time I popped into a self selection showroom attached to a service station, and asked about a radio cassette, the glamorous miss looked puzzled, and said, "It was very easy when you knew how." Yes, sir, they say that about planning the economy. And other things that border on the Naughty.

I figure that the pumps should have shown a sign, "Drivers are advised to keep their ignition off for the next hundred miles." Of course, when C.B. comes, you can get warned off places like that. On the other hand, folks might turn up just to see if it's all really true. By the way, if you want another true British C.B. phrase, 'kicking the rubbers' is the phrase for 'testing tyre air pressure'. I've had my tyres kicked more times by young 'helpers' in garages in Britain, than I'd care to remember. Friends! if you see a trucker whose hair has gone white overnight, I reckon the poor guy has been into some of the service stations we know and love. Not that they are all like that. No sir: in some, folks actually know what they're doing. But, whatever it is, they're most likely doing it for someone else.

A CBer suggests that, if folks kept a little quite about 27 MHz, those Post Office Sherlock Holmes (or are they more like Dr. Moriarty?) wouldn't be so touchy. I'm not too sure about *that*, since Post Office folks tend to be touchy about most things when they're criticized (at the Higher Echelons, that is: the lady in the local post office is as nice as apple pie, on those rare occasions you are able to wait long enough to get to the counter). I see reports of those Naughty 27 MHz CBers being roused very early in the morning by officials, etc. empowered to come in and arrest the nearest illegal music centre, etc. It's a pity they can't bring the mail at the same time, seeing how late morning delivery gets. However, if you think something is worth arguing for, you have to make a bit of a noise — as long as you don't get nasty about it. There are

problems about 27 MHz that we have to face: the Italian authorities asked that British CBers stopped using their rigs during the November earthquake disaster, because skip conditions were interfering with rescue operations. I don't think this was just a fairy tale. On the other hand, some critics seem to suggest that CBers actually *cause* disasters...which may be why those Official Folks come round so early in the morning. "Sorry we've got to confiscate your 27 MHz rig, sir, but the polar ice caps are very touchy today, and the San Andreas Fault isn't very cheerful, either." I guess when the End of the World comes, as all the frail works of humanity go up in flames, someone at the Home Office will gasp, "There! I knew that 27 MHz would do something really *awful* sooner or later." Everyone knows that 27 MHz makes your fillings drop out — so keep that mike away from your teeth, folks.

Now, I like my neighbourhood service station, but the truth is that the home of C.B., the U.S. of A., tends to take the passing driver a mite more seriously as a sort of paying *guest*. Eager folk in bright plastic overalls bearing trade names rush out and polish everything in sight, check tyres, oil, water and even offer to check your dentures. Well, over here in Britsville, life is a bit different. You may get a chap to pour a few litres of motion lotion into your tank, but after that he tends to get a bit disheartened. Ask for distilled water, and he points vaguely into the shadows. Ask about checking tyre pressures, and he nods his head towards a gauge, which looks as though it did Boadicea's Chariot. I reckon that when C.B. comes, any driver who says brightly, "How about selling me a new rig?" will get a quick nod in the direction of the Toilets assuming they're open.

This brings me back to the Subject in View. A chum who

has gained noteworthy eminence in industry, mainly by smiling at everyone in a nice sort of way, took me to an independent 'service' station a while back because, he said, he had something to show me. Figuring that this might be Something Scientific like a Car Wash that presses your suit at the same time, I went. I should have noticed that Mr. Smile had used his old car, though. When we arrived at the petrol pump, the service-man, attired in the World's Oldest Overalls, switched on, and sprayed the rear of the car with petrol, before getting the nozzle into the tank. "He always does that," grinned my chum. "Have you looked at the ground?" I said 'NO' as C.B.ers may look behind them, but never down. The ground was virtually a pool of high octane, a sea of Imminent Conflagration, seeing that the hard-to-aim service-man splashed ample petrol over the body-work of most cars that hauled in. I'll say one thing : it certainly made folks move away fast : they didn't hesitate to argue, or even ask for change.

It isn't only the Law about C.B. you need to know about — but also the Law of C.P. — Counter

Productivity. Everyone with any sense knows that most things achieve the opposite to that intended, at least when the government is involved. If you look back at all the marvellous cure-alls for the British economy, including such great inventions as Selective Employment Tax and V.A.T., you'll see that the aims to get the economy *moving* result in getting the economy to *slow up*. Then when that fails, the planners find something better like Monetarism. That's the same with C.B. If you really want to get the boys in the Home Office anti-928 MHz, the best thing you good buddies can do is to organize a national campaign in favour of 928 MHz. And if you want to get anywhere with 27 MHz, convince the Powers That Be that you don't want it. I think that the cause of C.B. would get a lot further if we hired a psychiatrist, preferably one who likes to sit on top of an antenna and believes he can bounce signals off his eyebrows.

A good buddy just back from the Mighty U.S. of A. tells me he was staying at a home happily blessed with C.B. base and mobile, also that Mr. Happy, the worthy Yank, had a mighty antenna in the garden. When the



"The Radiogram Kid — unable to boast about an expensive rig — plans to show off his radiogram to neighbours, and maybe raise a few quid on it ready for a few accessories from nice firms who advertise in the C.B. News."

height of this was admired, Mr. Happy retorted: "You should have seen it before we chopped the top off it". Seems that the air is so healthy out there, that the antenna actually grows...! Of course, when the Age of Wisdom, i.e. legalization of C.B. comes to Britain, there will be certainly be stern measures to restrict the height of antennae — maybe we'll have experiences like that of a college near my home where a new boiler house chimney went up and down like a yo yo, on account of the health authorities saying it should go higher, and the planning folks saying it should be lower so as not to interrupt the local yokel's enjoyment of the scenery. I reckon we might just have a special annual award for the highest antenna allowed in Britsville, the old U.K. Those old-timers who recall the advent of TV in the late 1940s, early 1950s, know that those early antennae certainly had peculiarities, and some in my native Wales towered above the hills like Jack's fertilized beanstalk, on account of the signal bouncing backwards and forwards off the sides of the G.W.R. shunting sheds, etc. They called the problem 'ghosting', and such was the state of local intelligence about antennae in those days that one could find contractors ambling about the roof with a TV antenna in one hand and a book showing how to put it up in the other. That kind of thing delayed colour TV for nigh on twenty years!! So, *when* you get your rig, take care who puts up your antenna and how he does it — if he says something about having to bounce your signal off the Moon, figure he's an amateur. They were going to do that kind of thing in the 1951 Festival of Britain, and it didn't work *then* — and the Post Office only sold stamps in those days. All kinds of papers and mags. are featuring C.B. — but there's a certain amount of duplication

of material (as you must have found out). 'C.B. News' is prepared by folks who are all individualists — that's why they keep us out in the sticks, with the hicks. One comes across a certain amount of genial bragging about equipment (we don't mind at all — in fact, we'll be happy to print reader's reports on rigs and built-in room fresheners, once they come to be legal). Must be mighty frustrating to have an expensive rig that you're eager to tell the town about, and then reflect you might get a six o'clock knock, if you do. A nice guy from Yorkshire says in a recent supplement that he has a rig that has AM/FM/USB/LSB/CW and 5k shift, records messages automatically, and has 1299 channels, all on 27 MHz. It is, as he says, 'a wonderful machine', and we'd certainly call round to see it (so would certain other folks we might mention) if we knew where it was. The guy has merely given his handle, which ain't too surprising. Well, bearing in mind his humble observation of the Law As It Stands, the Radiogram Kid decided he would do his best to match this happy report, and steered one of his best radiograms into the street. It may not be C.B., or even Open Channel, but you don't see timber like that these days.

I get a little complaint for talking about Open Channel when I should say "C.B." It sure is a poser, but I get the impression that the good boys in government want us to think about 'Open Channel' as a distinct system not entirely to be identified with U.S. style Citizens Band. The Green Paper suggests this, and it might be in the nature of an early warning, that the Legal Rigs are going to be not entirely cheap. Open Channel may well be closed to those with thin wallets — but we'll have to wait and see. A secretary of a C.B. club (who assures me that he is 'clean' and

projected an odour of Camay over the phone to confirm this) says that it probably costs about £2,000 to bust a buddy. And that probably doesn't include the cost of tea and sandwiches for those diligent detectives who follow folks who just look as though they *might* have C.B. in mind.

"You'd think that the government would have better ideas about spending money," said the nice man. Well, to tell you the truth, *I wouldn't*. After spending two tedious years studying economics at college, and being told all the things that governments should NEVER do — I see them doing such things all the time. Hence inflation, unemployment and the general state of things. Now, I ain't anti-government, cos while democracy is full of faults, the alternatives are far worse. What we really need is a C.B. Political Party, a sort of Liberal outlook with a Base Booster. By the way, I see that an advert in a C.B. supplement advertises 'disguised antennas'. Don't say what they're disguised *as*. Arouses all kinds of ideas...

"I arrested the accused, me lud, on account of the fact I saw him wheeling a cart of manure towards the allotments. As it was giving off a lot of steam and hot air, I immediately arrested him for having a disguised C.B. rig, and antenna, as everyone knows C.B. also gives off steam and hot air, me lud." Not only was it confiscated, folks, but spread about the rhubarb grown in the Police Station allotments.

Keep the Grin On Your Skin!!

DID PRE HISTORIC MAN HAVE C.B.? A Special Report from Our Jungle Correspondent

Not many people realize that when King Kong climbed up the side of that sky scraper, he was really looking for the best place to put his C.B. base antenna. You

U.S.A MARKET

must admit the authorities sure took it strong that he was into 27 MHz. However, it was generally known that his strong breath bent the voice coils, so most people switch to Channel 41 when anyone claiming a 'King Kong' handle attempts to break into the chat.

Recent discoveries have shown that pre historic man did have C.B. Also that letters always got delivered the next day. The reason why pre historic animals were so large was, as you know, so that primitive man could run up an antenna on their horns, trunks, ears, or in the case of the average giraffe, eyebrows. A well known anthropologist with a handle, 'Don't Quote Me', says that whilst smoke signals ran into trouble with good government eager to clean up pollution, and those drum signals had to be synchronized because otherwise, the government said, it would snow in Siberia, pre historic C.B. was okay. This was mainly because those eager-to-stop-it leaders of the community could never track down the dinosaurs giving out the strongest signals — you know, the ones that brought pterodactyls crashing to earth since they were flying on the same 27 MHz wavelength.

"There is," says our anthropologist chum, "a strong link between modern civilization and not having C.B. If the government says 27 MHz is okay, we'll probably see dinosaurs roaming the land looking for a good bed and breakfast — everyone knows that C.B. is really very *primitive*."

Don't you believe it? Some of those trucks you see in the C.B. magazines are bigger than a brontosaurus. By the way, I know the address of a real athletic gorilla if you've got trouble with *your* antenna.

'Radiogram Kid'

Gazing at the adverts from U.S. C.B. journals is rather like taking a swig of tonic to stimulate your appetite, only to discover that Mama didn't get any lunch today, and you don't have enough for a quick spread at the fish-and-chippery. We run adverts here purely for interest, knowing that it's not likely that those models will ever be on open sale here. Naturally, we have permission to reproduce the adverts, but receive no income from doing so — though we are building up many enquiries for advertising space in CB News, so write in if you want our Rate Card.

As in Britain, there are two distinct markets for C.B. — the majority for mobile units, with a relatively small number for base (home) installations. Brits, of course, will have these options when C.B. is legalized, and we include reference to new models, etc. here just as a matter of general interest. Whilst C.B. isn't in the hi fi category, the trend in base rigs is certainly towards sound quality, and initial sales advice is always that the serious hobbyist needs to think in terms of better equipment than the driver, where sound quality isn't so important. The same will hold true in Britain, we believe, because there will be a demand for good quality base rigs, quite probably as a higher percentage of total equipment sales than is the case in the good old U.S. of A. The serious hobbyist is certainly a user of a base rig, though he probably has one in his car(s) too. He could well spend best part of a thousand dollars on his base rig, with, say, a high quality SSB/AM transceiver for about \$570, a good antenna with directional control box, with mount, for about \$270, a pre-amp microphone for about \$90, and a

SWR/power meter for about \$70. It's impossible to convert these prices into British currency, though you can, as a quick reference, divide by two-and-a-half, to change your thousand dollars to £400. However, it's not too likely that, even in Highly Legal Times, you would get such a rig for that price, and nearer £500 would be possible. Not that C.B. *has* to be that expensive. With the keen competition in the U.S. market, you can get an operating mobile for less than a hundred dollars, a transceiver for about eighty dollars, and a 37" cowl mount antenna covering most of the balance, leaving you with a few dollars for throat drops, lemon flavour (for those times you get hoarse for being too active on the C.B.).



A good habit of Mr Average American is that of being very keen to get value for his hard earned dollars. As far as one can generalize, Americans tend to be more careful about giving, and getting, service than is the case in the old U.K. Even teachers and home economists have remarked on this — so it must be right!! So even if the C.B. handbooks, etc. warn over-eager CBers against buying second-hand equipment at 'eyeballs' (unless they are sure it works, and is in good condition) the general impression is of a good range of equipment, offering extremely good value. It would be nice to think that Brits

will get such value when C.B. is legal, but it's all too doubtful.

The U.S.A. now has more than a thousand transceiver models, antennae and C.B. accessories on the market, and competition is keen. Indeed, models introduced just a year or two back are often included in price lists at reduced price: no wonder the U.S. is called The Land of Opportunity. That does not mean that models from 1978 or 1979 are obsolete: far from it, they often represent that good value for money that brings a beam to Mr America's features. However, Mr America *likes* 'what's new', and America being the home of advertising, we recall that 'New' is still the most powerful weapon in Mr Marketing Man's dictionary. Unless he has a new idea like 928 MHz, that is. So, even in a market which is sharing the recession of the U.S. car industry, C.B. radio manufacturers are having to make sure that they have new models in the catalogues, though they are limited in number.

It will be interesting to see how the British market develops. For example, car manufacturers and dealers in the U.S.A. were quick to develop their sales in C.B., offering, for example, AM-FM/C.B. radios with, or without tape decks, at an all-in price. These special offers were sometimes linked to promotions, especially where the dealer was himself a C.B. enthusiast. One thing about those Americans — they sure know how to convince the customer that he needs C.B. (as indeed he does). Car installations saved the customer problems of matching, installation, etc. as his purchase included power antenna. By the way, whilst tape decks often seem to refer to the 8-track cartridge, a loop system that proved more popular in the U.S.A. than in Britain, newer models offer stereo cassette, in line with the in-car entertain-

ment market in Britain. A C.B. radio, with its characteristic solid state circuitry can give a life expectancy of up to eight years, maybe more...but few Americans would keep a car that long, unless it was an all British Rolls (with C.B. disguised as a walnut cocktail cabinet).

However, there are specialist stores offering C.B., and making their own brands. Units under the Lafayette and Realistic brand names will be known to British CBers, through pictures in the major magazines, etc. Of greater interest to British CBers is the 'Realistic' brand name, perhaps, since 'Radio Shack', the exclusive distributors of this equipment is already known in Britain as 'Tandy', though, naturally, Tandy stores do not sell C.B., yet.

Since, as the Radio Shack brochure reminds its readers, nine out of ten Americans live or work within five miles of a Radio Shack, it's hardly surprising that many U.S. CBers have 'Realistic' equipment. The company, launched in 1921, celebrates sixty years retailing activity in 1981, so let's hope that it gets a good birthday present from the government in the shape of an okay for 'Realistic' C.B. equipment in Britain. A salesline from the 'Radio Shack' brochure reminds us of a 'Strand' cigarette commercial way back in mono-TV days: 'You are never 'alone' when you travel with C.B.' Well, happy birthday to you folks at Radio Shack...(which, by the way, sells a great and mouth-watering range in hi fi, audio and home computer systems).

Many Americans buy from mail order catalogue, of course, and these are usually backed up by hard-and-fast warranties ensuring customer satisfaction (a good way to buy if you know exactly what you want, and it's in the catalogue). But, flourishing

across the U.S.A., as they will surely grow in Britain, are the independent retailers, offering specialist service and that magic word 'discounts'.

But, as we know from our mail-bag, what's new is almost as important as what's value for money. That word 'New' again!!!

The major innovations in U.S. C.B. equipment appear to be in adding more controls to the microphone. Indeed, a new model which we would like for our modest motor, is the MCB 5000, from Audiovox, at just under three hundred dollars. It offers total control from the microphone, with illustrated digital channel display, scan lock switch, automatic standby, relative reading S meter, etc. That marvellous creature, the Light Emitting Diode has also come to roost in C.B. Country, and new models have LED channel selector, and sometimes LED dimmer control. Base models have — as you would probably expect — 120 AM/SSB channels, local distance switch, etc., and mobile units with this number of channels have quick release bracket. A terrible thing to be mugged for the Marvellous C.B. you're carrying home because you thought it would be stolen if you left it in the car!! Stereo radio and cassette playback is available, too, and, given the growing interest and technical quality of in-car music equipment, this is certainly the kind of combination one might see in Britain. After all, if you've got to pay that much for 928 MHz, you may as well go the whole hog, as they say (as long as the wife forgets your promise about the holiday in the Canaries this year).

The buoyancy of the market is maybe confirmed by the number of new models in the 1980 catalogues, including nine under the well-known 'Cobra' trade name, and the same number

from 'Midland International of North Kansas City'. Midland are one of the companies with new models described as dual function, mobile or base. A new model has down/up channel selectors on the control panel and microphone — and the mike also has an auxiliary tone control. 'Realistic' have thirteen new models, including those of telephone handset style...great stuff!!

Meanwhile, another major U.S. company adds national prestige to a good range, by describing the models by names of 'Presidents of the U.S.A.', hardly surprising, maybe, given the name of the company. Older Models include 'Honest Abe' (President Lincoln) and 'John Q' (President John Quincey Adams) but the new models include 'Old Hickory' (President Andrew Jackson) and 'Dwight D.' (guess that one for yourselves). President have a nice range, with a new model, the 'Washington' being a base station with one hundred and twenty channels, AM/SSB, mike gain, RF gain, clarifier, PA/CB, noise blanker switches, AM/USB/LSB control, illuminated digital channel indicator, transmit light S/RF meter, PA and external speaker jack, and earphone jack. All that for less than three hundred and forty dollars. The 'Madison' another base station, is similar to the above mentioned but has digital alarm clock, SWR meter, switch for SWR/RF/MOD, separate speaker cabinet and tone control. Just under five hundred and thirty dollars. It's interesting that as important a company as President is bringing out some excellent base stations (including the 'Dwight D.' already mentioned). Could this be a sign of the times, as gasoline prices and costs of motoring bring CBers out of the auto and into the 'parlor'?

Incidentally, designations for

C.B. rigs seem as colorful as the truckers' language — rigs have names like Gladiator, Conqueror, Freedom, Rebel, Rogue, Renegade, Spartan, Buccaneer and Nightrider. And, of course, you can have a 'Cobra' in the dash, as well as a tiger in your tank!

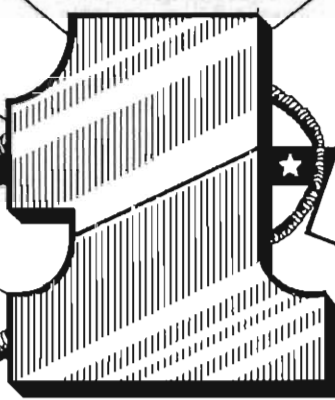
Maybe we'll see British equivalents of some of the U.S. rigs, once we get our frequency sorted out. After all, Texas Instruments, well known in the consumer goods field in Britain, for sophisticated electronic games, make an excellent mobile rig, computer controlled with all controls on the mike — surely the shape of C.B. to come. We British may even follow the President range example and bring out models named after famous

British politicians — why not mention this to your M.P. and see if *that* will encourage the good chap? I rather fancy the idea of:
The Wellington — Mobile rig with free pair of high boots.
The Gladstone — Mobile with free bag to put it in.
The Lloyd George — Ideal C.B. rig for anyone wanting to speak in Welsh.
The Mrs Thatcher — In-car unit that makes a loud noise when you want to make a U turn.

Ah, well, keep on looking at those interesting U.S. ads. And hoping. Whatever else we might learn from those bright Americans, we can certainly work for real value for our money when we are able to buy legal rigs. On the other hand, you can always emigrate to the U.S.



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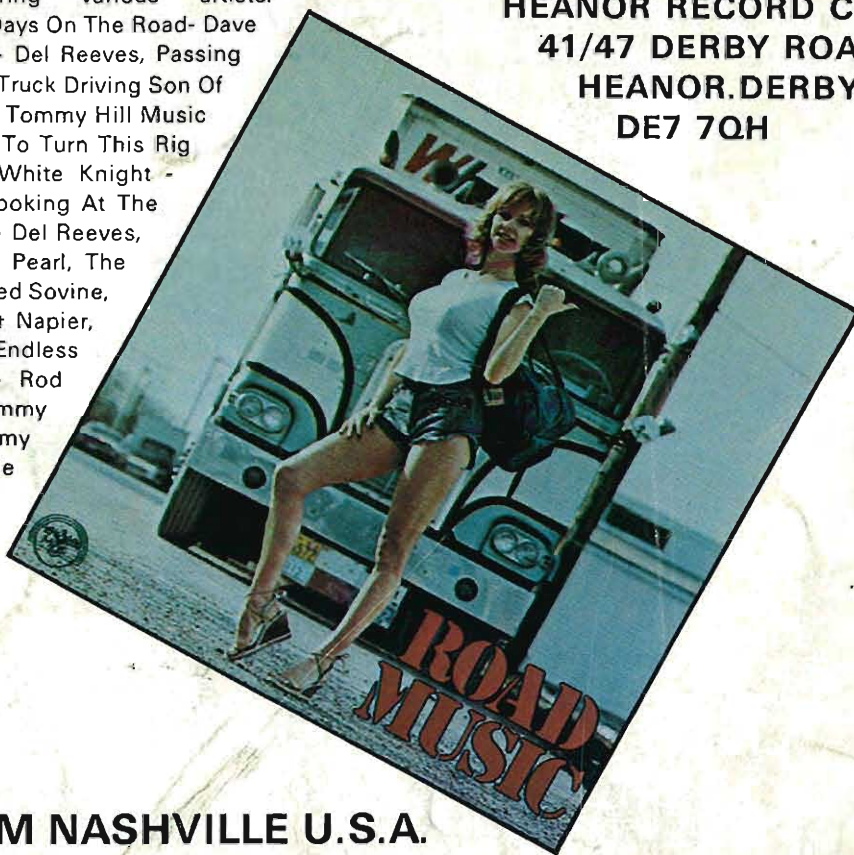


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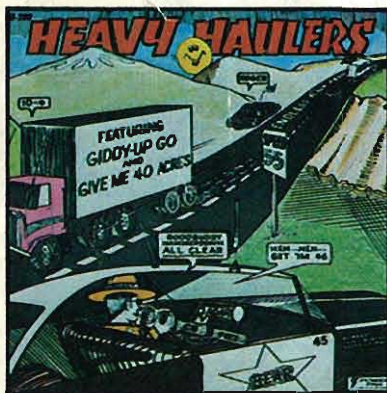
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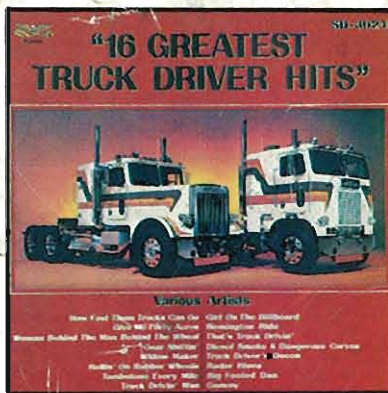
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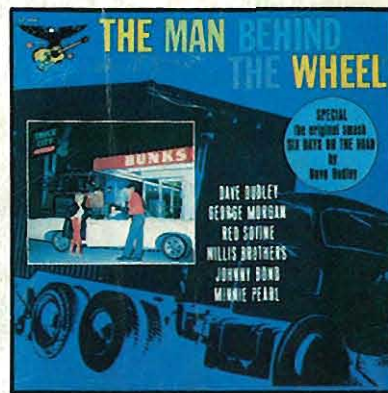
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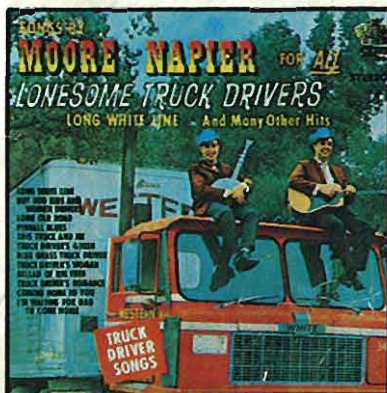
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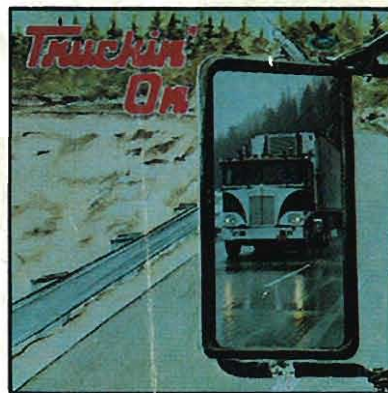


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