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The fighting fund wants 27mhz banners like this one to appear at every meet.

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CB RADIO MAGAZINE 158c HIGH STREET YIEWSLEY MIDDLESEX

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IMPORTANT

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Hello and Good Day Again

This is not intended to be a regular spot but as this is only our second issue here we go.

Well we got the first issue out after much blood, sweat and almost tears, sorry it was so late but that's life, actually if we had been much later we were expecting Esther Rantzen to have a bash at us. Hopefully this issue will have less errors and typographical mistakes although you always do have mistakes in any magazine, maybe we can cut them down to an acceptable level, like almost none! But I won't bore you with excuses or reasons suffice to say that we'd only put it down to an act of God.

The first issue was late so this issue will also be late, then we will try to gradually creep up to our intended publication date, which by the way is to have our cover date out at the end of the previous month, not at the beginning as some other mags do. As we are not distributed by newsagents then sticking out as a July issue on the shelves surrounded by August issues of everybody else's mag does not affect us, but maybe one day.

Actually that brings us to distribution, our first issue was by way of a pilot. Firstly we didn't know exactly what the mag was going to look like and secondly we didn't expect CB retailers to respond as well as they have. Because of this latter response we have raised the cover price to 50 pence so that they can cover their costs for distributing and sales, however our subscription price will remain the same and have no fear, we don't intend to raise the price again.

Our first intention back in December when the idea of CB Radio Magazine began to hatch was a black and white twenty page self covered magazine possibly with one colour on the cover if we managed to get a good response. As you can see we did get a far better response than we had expected and with your support maybe we can whip ourselves into a well informed breakers mag. Here's where you come in, let us know of anything CB, don't assume we already know, drop us a line and keep us in touch.

Actually we received a letter from Bandstand, see Readers Write, and Mike's put it in a nutshell, it's your mag as is Bandstand which, yes you're right, is one year old last issue and once again we must say that we're only a year late. Happy Birthday Bandstand and I'm sure that all breakers will join us when I say keep up the good work.

Here I should clarify the issue, CB Radio is a totally independent magazine, we are not connected with HE, Bandstand or Wintjoy, or any other CB suppliers. Our front and rear cover is advertising space and nothing else.



But back to Bandstand, because of the format of their publication they can bring you a lot more militant reports than we can. If we were to reproduce a newspaper article without the paper's permission we'd be hauled over the coals purely because we look like a professional magazine, even if we're not yet in that league. So don't get the idea we're in competition and that there is an all out war, on the contrary I'd advise everyone to buy Bandstand. It is available from BM Bandstand, London, WC1V 6XX. Is that a four breakers?

Once we can get a few issues under our belt we should be getting bigger and better but that is really up to you, after all it is your mag. Without you there is no reason on Earth to print so let's hear from you. Let's hear about your bust if you were unlucky enough to have your collar felt, let's hear about anything that happened to you or a friend and for god's sake let's know if anything interesting is going on.

Actually on the subject of contribution, Greenfingers wrote to us, see Readers Write, he is correct though we definitely lack information from North of Watford. So if you are half inclined to put pen to paper, go on become totally inclined and write. That goes for all of you pro CB, anti CB, modellers, hams, in fact anyone.

But once again, enough said, thank you for reading CB Radio, I hope you enjoy it.

EM, ED.

The 27mhz Fighting Fund

The National Association for the Legalisation of 27 mhz, known as NAL27.

Last month we reported on the NCFL and what they are doing to help CB, however whilst everyone wants CB, there are many factions, – there's pro-27, anti-27, pro-VHF, anti-VHF, and so on. It appears that the voice of CB is not raised in harmony. This was written before the Trafalgar Square rally, but from what we hear there is going to be a lot of 27mhz banners present and at the same time the speakers are probably going to announce that 27 is out of the question. This has already been stated on many occasions by many eminent people. But regardless of all this a new faction has emerged. It's called the NAL 27, and we went up to Leicester to find out exactly what it's all about.

JOH

The association that has been set up is a legally formed organisation dedicated to the de-criminalisation and eventual legalisation of 27mhz Citizens Band Radio. All documents pertaining to this organisation will be kept at a solicitors address under lock and key in order to ensure the total safety of its members. It is hoped that if every CBER in the U.K. joins the association at a fee of £1.50 a head, then enough funds can be raised to fight for 27mhz.

The NAL 27 intends to have two faces, there will be a Public or non CB face where members of the public will be made more aware of CB and in particular 27mhz and exactly what that means.

The other face would be a more militant one trying to gain press coverage, staging mass demo's at court cases, chaining CBERs to the railings at the Houses of Parliament or any other action that would get 27mhz noticed, not shoved under the carpet as it is at present.

Each member should send in his name and address or area which would be placed on a register of members, and kept totally confidential and safe by the solicitor, the name should be their actual name not their handle. The Association would then pay their fine should they be busted, over and above a sum of £100 which would be expected to be raised by the breaker or his local club.

A Roll of Honour would also be drawn up and every CBER who has been busted would be placed on this roll and eventually when legalisation comes on 27mhz we would hope to get the sentences repealed. However NAL 27 is not intended to be just an insurance scheme

for busted breakers, that will only be an aspect of the association.

Clubs Take Action

Fly posting would be carried out and 27mhz banners would be plastered on every bridge on every motorway throughout England. These posters would be posted by clubs throughout England on a points scale and recognition of the best club would be made. Other attention getting aspects of the association would include purchasing space in National Newspapers, printing posters to be placed on bill-boards, posing questions showing motorway madness with a caption – CB saves lives, A transceiver sees whatever the weather, Five miles warning is enough.

The association would also make known the names of people who take pleasure in persecuting CBERs, such as Eric Gotts and our friend who sits on the motorway at the Watford Gap. Their photos would be published and made known to the public, along with the sort of tactics that they adopt to catch CBERs.

Clubs should arrange to turn up in quantity at M.P.'s surgeries walk in and say please Mr M.P. you are my M.P., I would like you to do something about legalising CB. This is every member of the public's right to lobby their M.P. and if a club arrived as a whole and each person in turn asked for CB then he must take note and ask the Government about CB.

A telephone line will also be set up which will be manned 24 hours a day to give advice to breakers who are in trouble or have been busted. The phone number would be available to every member of NAL 27 and would offer them legal advice and help. The facts of their particular circumstances would be recorded and viewed by a legal adviser to check that the authorities had acted within the law.

Everyone who is interested in seeing 27mhz should join the NAL 27 and help fight for de-criminalisation now. The address to write to enclosing your name and address is:

NAL 27
c/o 68 NARBOROUGH ROAD
LEICESTER.

T. NEWALL

Phaser Lasers

Or Things That Go Blip In The Night

At first the channel you're on is quiet and the other breakers signal is strong, ok there's a bit of static, but you can put up with that. Then suddenly "Petau-petau, petew, wah woo, peteu, petaw." All hell breaks loose and it's star wars all over again.

If this has happened to you then you've got a phaser laser on channel and if you haven't had your ears battered by one yet, think yourself lucky. From what we hear it appears that they are becoming more popular along with tweety birds and warblers of varying shapes and sizes.

Well we've got our sticky little mitts on one and thought we'd put it to the test. It's basically a compact unit, the phaser laser consists of a generator, a push button on/off switch and a battery. The whole unit is designed to be installed in the microphone. Here we should state that there are other types available, but we will concern ourselves with the particular one we have, and if you're interested we may try out some of the others later on.

The laser we had is produced in batches, each set develops a different noise. As there was no information on the packaging as to what sound we were going to find, we connected it up to an amplifier and turned it on. Rocket fire or Space Invaders type noises were the kind we tried.

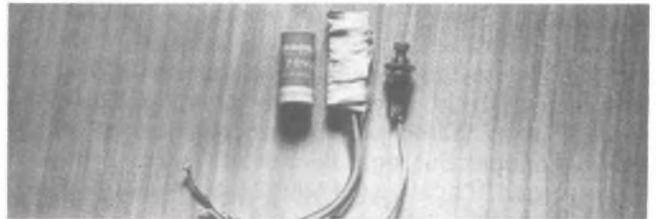
The Wiring

The actual wiring in the unit is quite straight forward. There are only two wires which coincide with the colour coding of most microphones. We found the unit relatively easy to install, although forethought is necessary to fit it all in, we found the push button the hardest part to allocate. It would have been nicer to have seen a much smaller switch used. The generator is connected to each side of the mike so that with the transmit depressed and the phaser on, (beam me up Scottie) the circuit is complete and your tone is thrown out over channel. You can talk over the ensuing din if you wish but you may find it louder than your voice.

Handset Type

Having fitted it successfully in a basic mike and blasted the noise through our workshop via the PA system, we decided to set ourselves a slightly harder task. Some rigs do operate using a handset which has all the controls - volume squelch, channel change, ect. packed into it. Well we had a job, but we got hold of a

microphone like this and tried our hand at cutting the phaser laser in. As you can appreciate there was a lot less room to play with. Again the difficult item to place was the switch. This time, however we had to take care to insulate the connectors on the switch so as not to allow any contact with the printed circuit. With a little juggling we fitted the battery, a small 7 volt camera type, and the generator in the base with the switch at the top easily accessible.



The Laser consists of a battery, generator and an on/off switch.

In the hand set type mike you may have difficulty in finding the correct wiring. To assist you, you could really do with the circuit diagram. But one slight tip is that without the mike connected to anything, you should be able to hear through the mike the sound generated when you have the transmit depressed and the laser on. This sound should be cut off if you release the transmit button. However the makers do not recommend operating the generator without transmit depressed so take care!

It took us a little longer but we got it all in and working. One important thing we discovered is not to be tempted to peek at the works beneath the insulation tape. The circuit below the tape is fragile and the soldering may not hold if you peel back the very sticky insulation. We tested our mike through an amplifier and found that it worked okay although you may find your connections differ and it is really a case of trial and error.

Now many of you may complain about phaser lasers or other noises, but let's face it, CB is illegal anyhow so fitting a sound device can't be any worse and providing it is used in moderation and not irresponsibly it should do no one any harm. However the only practical use we could actually think of for a phaser laser would be as an attention getter if you were on the side and couldn't get a word in edgeways.

Equipment courtesy of
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As an after note Mura have just received a whole new batch of sound goodies which we will review later.

Lets Make It GB-CB

I am a CB enthusiast although not yet a user. My experience of CB is limited to occasional use of my son's rig, but the day on which he will persuade me to join the fraternity cannot be far off.

The potential of the system for enjoyment, road safety and public service is vast and the arguments for its legalisation have been made clearly and comprehensively. There is however one change I would like to see made before the undoubted upsurge of CB users which will follow the parliamentary seat of approval.

The change I urge most strongly is the abandonment of the current imported CB language and the replacement by a home grown variety. I am not, let me say, anti-American; indeed the reverse is true. My objections are not those of a manic patriot, but of one who wishes to see CB put forward with the best public image possible.

A language is of course vital. Air time is precious and will become much more so. A standardised set of phrases and code-words is needed to save time in establishing and maintaining contact and passing information. But there is no reason why the language should be artificial and alien to the British user. The reason for its initial adoption is obvious. The American version existed and while the number of users was small in the early days its use was a short cut to early practice.

The only valid reason for keeping to the imported version would be if there was regular traffic between the USA and ourselves. Apart from contacts made in freak conditions this is not so. Communication will be almost entirely domestic in nature.

My main objection is an aesthetic one of how the end product sounds. The US CB language is naturally based on American terms, idioms and to some extent speech patterns and rhythms. Because of this there is an inevitable temptation to try to assume an American accent. Few can do so with any great success and all

too often it sounds as convincing as hearing the lamented John Wayne reciting Shakespeare.

And even the terms sound strained. Were I to refer to a friend or colleague face to face as 'GOOD BUDDY' I'd be looked on as affected, eccentric or a candidate for the local laughing factory. Space doesn't allow for detailed examination but just look at some of the expressions for yourself.

A procedural language is, let's admit it, jargon or slang, and slang is something at which the British excel, be it Armed Forces, Cockney, dialectal or even 'thieves'. No other country uses nicknames for persons, names or objects to the extent that we do. It is well within our ability to develop our own words and phrases that are easy to learn, transmit clearly and are amusing.

Some things could and should be retained. The 10's code is an example, but the rest should be carefully examined.

One final point. I mentioned earlier the need for the best possible public image. I have a sneaking feeling that the Great British public would be far more ready to embrace a British system than a foreign one. We have imported many habits, fashions and activities from the States and a high proportion of them have been short-lived.

Do not let us run the risk of CB being looked on as just another transatlantic fad.

I hope you all had your 'EARS' on and are ready to 'COME BACK'.

(Dammit - I'm doing it myself!)

MATCHBOX

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The Jolly Roger Flies High Over England

By Woody Wexler: This article was sent to us by the editor of M.C.B.R.C. newsletter and was published around June '79 in a USA publication.

It's not only Rubber Duck and Pig Pen who're looking for a break. Now Britain has it's own multi way phone in, only it's illegal. Be it London, Birmingham or Liverpool, every evening after most of the tea time traffic has disappeared, quite a number of cars, vans and trucks are moving about, keeping mostly to high ground, car parks and quiet streets. These are the members of a new clandestine subculture, who in the last twelve months or so have grown from a small league of people craving for an elite form of amusement, to an army of people easily 60,000 strong, all of them risking a fine in the region of 850 dollars, a possible prison sentence and the certain confiscation of their equipment by the Home Office, should they be unfortunate enough to be caught.

The name of this criminal activity . . . CB - Citizen's Band Radio. Taken for granted by Americans and virtually everyone else around the world, used for the passing of traffic information, calling of rescue services but mainly for fun. In the British Isles, however, the transmission of music and spoken word is tightly controlled by the Radio Regulatory Department of the Home Office (RRD for short), equivalent to the FCC.

Smuggled Rigs

There are a number of offences connected with CB which can lead up to the hefty penalties which can be imposed should the long arm of the law reach out and make a bust.

First of all there is a law against the manufacture of radio equipment which operates on 27 MegaHertz, coupled with a ban on the import of such equipment. That's been around since 1968. This means that all CB rigs currently being used in Britain are either smuggled back by holidaymakers returning from the USA and Europe, where CB equipment is quite freely on sale in radio shops. Or the rigs are brought back by enterprising lorry drivers who find themselves on the European continent. The first law to be broken is the evasion of paying duty on the smuggled equipment. Next is the connecting of the rig to an electrical supply. After that it's switching the set on, then listening to CB is an offence. The whole lot culminates with the despicable

crime of actually transmitting your voice over the air. Tut tut tut . . .

By now colonial reader, you are probably in awe at the powers that be and the controls they have over our airwaves. What was it they said??? Nation shall speak unto nation. How about Person shall speak unto Person but not in Britain anyhow? And certainly not on a CB.



Actually, we are quite fortunate in Britain, we have telephone systems, expensive and antiquated as it is, and we have three TV channels one having been off the air for over a month, and the other two specialising in repeat showings delicately termed in Radio Times as "another chance to see".

The Objections

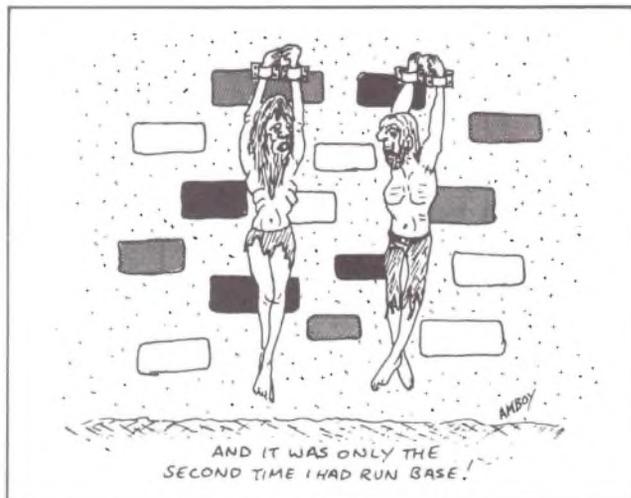
Keeping in line with the other CBing countries, we are on 27MHz on the short waveband (that's 11 metres). It is because of this, that the dust is thrown up in the corridors of power whenever the word (or at least the letters) CB are mentioned.

It is perfectly true that 27MHz is the allocated band for licenced radio controlled modellers, some of which have a perfectly good reason to scorn CB and its operators. A four watt rig used near to a radio controlled aircraft for instance, can over power the one and a half milliwatt signal used to control the model and send the craft out of control, causing it to prang into trees, walls or in one case a group of people, causing considerable damage to both.

It is also possible for skip coming over from Italy and the USA to do just the same, especially when the foreign transmitter is wearing boots (using a linear amplifier). Didn't you know we can hear your every word South Carolina and Florida? We don't need a satellite either. The modellers are taking precautions against losing their precious and often valuable models by moving up onto VHF out of harms way.

CB By Default

There are a small number of well organised campaigning bodies who have been lobbying for a Citizen's Band for many years. It is seen that if the British government drags its heels in legislating and implementing Citizen's Band in the British Isles, they may find themselves with a situation which happened only a few years ago in Australia. The government dragged its heels setting up CB on VHF, while pirates became so large in number on 27 MHz, that CB was there to stay on 27 MHz, and no amount of outlawing could change it.



CB enthusiasts in Britain it seems want a Band on 27MHz, so they can work the skip, with other countries. The government however, has made muffled sounds of 27 MHz being out of the question, and 230 MHz (a band last used by bombers in World War Two) being allocated possibly in November of this year.

They said that in April this year and many times before that, so the truth of the matter is we don't know. They also seem oblivious to the fact that every month they put off their decision, they are losing valuable revenue on VAT, and licencing to the pirate operators.

It is clear to all, that Britain wants CB, and it is here to stay in one form or another. Legislation is necessary, prohibition is not. ■



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Conference of European Posts and Telecommunications

CEPT is headed for 900 mhz

European representatives sought out their American, Canadian and Japanese counter parts for consultation at the recent meeting of the International Radiocommunications Consultative Committee in Geneva on the 2nd of June through to the 3rd of July. This meeting was an informal discussion of an international standard for Citizens Band where all the people concerned kicked around the various alternatives for a Leisure band.

The exact outcome of this meeting is not known but it would appear that the Europeans would like to see a frequency in the 900 mhz band. Between 860 mhz to 960 mhz with a band width of 3 to 4 mhz, they hope that this would be applied for CB radio on a world wide scale. This same frequency is expected to be proposed in Britain shortly in a Government Green Paper on CB. Beginning in the CEPT countries it is expected that the whole of Europe would move in this same direction.

The first step in this direction was taken in march of this year when the radiocommunications panel Group R of the Conference of European Posts and Telecommunications administrations, CEPT for short, set up an R22 Sub-committee to study and make proposals for an international standard on Citizens Band. They met again in April when J K Broere of the Netherlands was designated as the chairman.

R22 is to hold its first official meeting in mid September

and will then submit it's first recommendations for a CB specification before the end of this year to the Subcommittee responsible for the full radio frequency spectrum.

This information was only received by us the other week so we were lucky to get it in this edition. However we will be studying 900 mhz in detail at a later date, then you will be able to decide for yourselves exactly what 900 mhz means. The French are at present studying a 900 mhz public mobile radiotelephone service in order to test its effectiveness. And we also hope to bring you their findings later this year.

The Europeans have at least looked at the 27 mhz situation in a different light to our Government, the Europeans accept that CB has so many supporters that it cannot be outlawed in any part of Europe. With this in view, all the countries concerned are actively seeking appropriate regulations. Although it appears that the Europeans do not favour the 27 mhz system, not only because of the bad harmonics but they are considering the influx of US and Japanese sets. This has been brought more to light by the recent collapse of the US market, which went from sales of more than 10 million a year in 1977 to less than 2 million in 1979, the stock of 27 mhz sets in Japan alone is estimated to be in the double million figures. But at least the users of 27 mhz sets do not face the same criminal offence as here at home.

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The Definition of CB Terms

This is possibly not the sort of article you may wish to print, but I think it could if printed create argument and by so doing may help stimulate action. There seems to be a general apathy that hangs over things CB, as could be seen from the poor turn out at Lewisham.

I received a letter the other day from the Society of Modern Languages, it has evidently come to their notice that about 90% of CB freaks in the UK are updating the English language and giving new definitions to various words and phrases. They have commissioned me (at great expense) to find out and keep them up to date with these modern definitions.

Incidentally if you wonder what the other 10% of CBers say, well they are probably like me, silly and old fashioned squares who prefer to stick by the original meanings. Anyhow I supplied them with all the CB lingo and terms. You know the usual jargon that us CBers use but I also supplied a few definitions of words that have taken on a new meaning since the advent of CB. You can find a few of these opposite, I hope you will find them of interest.

WORD	ORIGINAL	MODERN CB DEFINITION
Apathetic	Couldn't care less	90% of UK CBers
Letterwriting	Expressing ones thoughts	Hard work
Responsibility	State of obligation	Nowt to do with me
Endeavour	Try really hard	Couldn't be bothered
Lobby	Attempt to influence	What's the point, they don't listen
Attempt	To try something	Somebody elses job
Campaign	Co ordinated actions	Leave me out I don't want to get involved
Involvement	To include yourself	I'm all right Jack
Commitment	To get involved	O'h let someone else do it
Strategy	A plan of action	Now what are they on about
Steering Comm't	To present a civil and intelligent face to Government	A day out on the town
Lewisham	A London borough	A place to avoid like the plague
Support	To assist	I'm not wasting my time
Politician	A responsible individual	A burk who never listens
Lunatic	Someone to be careful of	Andy Donovan

These are just a few of the definitions that I supplied them. They are totally my own opinions and definitions of CB terms as I see them at this present time. They are not intended to offend. Perhaps I am wrong, please prove me wrong and write. Let's see some action.

73's to you all
Greenfingers
Tyne and Wear

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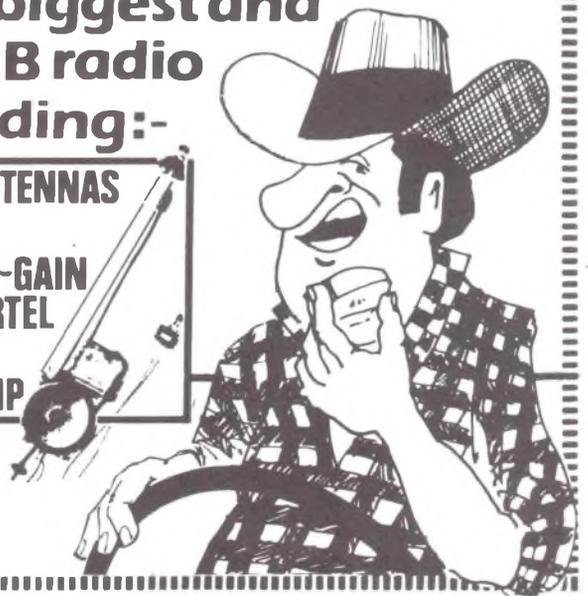


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Vultures on the Side

Is this a case of police harassment? The Big Ears car sticker is proved correct

I was driving along minding my own business just moving up the A406, about to connect with the M1, travelling at about 10-15 m.p.h. in heavy traffic when a police car came alongside and signalled that I should pull over. I did so and the officer got out and said, this is illegal isn't it, where's your set, you're running a CB in there aren't you? He thought of course that the graphic equaliser was a rig. Then he had a look around and asked me what was in a few of the boxes in the rear. They were slide mounts in boxes that were closed. I opened one up and showed him the mounts. He said, well it's illegal isn't it. I said the sets themselves are illegal but all this stuff in here is all legally imported, there's duty paid on it, freight, tax, vat, everything. The police seemed to think it was all illegal. They said that if the sets were illegal, all this stuff must be illegal as well.

He continued to look around the van whilst the other one got on the radio and spoke to his base, they told him to bring me and the van in. the policeman said, right we're nicking you (nicking mind you, not arresting.) I was told to get into the police car and the other officer got into the van, I protested that he couldn't drive the van, I told him it wasn't insured for him to drive. They said we'll take care of that some way or another, don't worry about that, just get in the car.

By this time a crowd had gathered and they watched as we drove off. On the whole the policemen treated me reasonably well, one was a bit nasty, but the other was trying to be nice. One of them said he liked the van. I didn't say much to either of them, in fact I was trying to say as little as possible. One of them mentioned the G.P.O. and the Customs and Excise, then asked me if I had any receipts from the Customs and Excise on me or in the vehicle to prove that the equipment was legally imported. I said well we have got them, but not here, they are at the office. I told them we supply twenty shops and have two shops of our own and that the shop in Newport Gwent was next door to a police station.

I was taken to West Ham Police Station in West Ham Lane where I was marched up to the front desk, the sergeant there took my name, address, place of birth, height, approximate weight, complexion and colour of my eyes and hair. After writing all that down

he said, right we'll have to check up on this and make some phone calls. Then he took all my personal possessions off me – my watch, ring, and then emptied my pocket contents out onto the desk. In fact they took everything I had on me and locked me in a cell for about two hours. I was detained at 3.50 p.m. and released at 6 p.m.

During my ordeal, I was not cautioned or told that I was being arrested for anything. When I asked for a telephone, the policeman said you've been watching too many f★★★★★g films. I said I'd like to phone my boss, and the policeman said that if it was necessary he'd do it and anyhow they would probably be getting in touch with him. While I was in the cell the police must have been having a thorough search of the van because I kept hearing the hooter going off.



Later they came to release me, three of them opened the door, came in and asked me a few questions. One of the policemen said, well I'm f*****d if I can find it, come on we're letting you go, you can tell us now where is it? Where have you hidden it. I said we haven't got one, we don't deal with them, we don't touch them. I explained to him that if you were a private citizen and you were caught with a rig in your car, you'd probably get it confiscated and end up in court with a fine. Whereas if we got caught we'd lose our import licence and all kinds of nasty things could happen to us, so it's company policy never to touch them or have anything to do with rigs.



The Big Ears van, it's a tasty machine remarked one officer but where's your CB.



IS THIS A CASE OF POLICE HARASSMENT?

Is this a case of police harassment stickers are the same size as above, black on white background and are designed to stick inside your car windscreen, just by your tax disc!

They didn't say whether they'd checked the law or anything. One of the policemen said he'd seen the advert in Custom Car for monitor boxes and asked how much they were. I told him and he gave me the plastic bag back with my things in, and the keys to the van. I signed for them and left. I checked the van afterwards but couldn't tell if anything was missing because I wasn't sure what had been in there in the first place. But I know now that if it happens in the future I won't allow them to search unless they produce a search warrant or give me a reason for detaining me.

'Is this a case of police harassment' stickers are available from Big Ears at 50 pence each, they are sticky and fix inside your car window.

JOH

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The Happenings

Tunbridge Wells Car Demonstration. Saturday 17th May

Have you ever noticed that with things CB there's always an air of the unexpected. I suppose you could put this down to its illegality or perhaps the fact that so many CB demos don't always get the turnout they deserve, either way one never really knows what to expect. Our source of info informed us that there would be a convoy of a few local breakers assembling at the police station and driving up and down as a protest against the heavy fine that Yellow Peril had recently received.

Everything was scheduled to start at around 2.30. For once we had arrived early and were relieved to see a couple of cars plastered with CB stickers up ahead at the lights. However the traffic was heavy and we lost sight of them. At least we were in the right place so with half an hour to go we went for a swift half.

Two-thirty came and went and we began to have reservations. The traffic was thinning out a little and there was no sign of any CBers, maybe it all ended at two. By three o'clock we had convinced ourselves that we must be in the wrong place or the right place at the wrong time. So there we stood, camera in hand, looking up and down half deserted streets wondering what to do now, then we heard a car horn and a couple of cars came up to the crossroads with headlights on and convoy blasting out over the tanoy. At first there was only one or two vehicles, then the flow of cars increased. Each one was plastered with "We want it now" posters and I must say we were surprised to see exactly how many cars turned up.

It wasn't long before we realised the actual extent of this number. It took well over five minutes from the first to the last car to cross the traffic lights. Although we must state that this was not a convoy of bumper to bumper CBers, normal traffic had gradually merged into the convoy. The route was designed to go up the main high street then loop back round the town and cross the lights and then back down and up the high street. This proved to be very effective as before long there were CB vehicles going every which way all at the same time. There were cars coming up the hill, cars going down and others crossing and passing the police station in both directions.

As the procession continued the traffic that was caught up in the demo began to slow right up and the

whole centre of the town became one large traffic jam. This seemed too good to miss so we plastered a poster on our estate and joined in. On the whole we found all the other motorists quite amused by the whole thing, it was a nice sunny day and we noticed almost every car taking and reading the leaflets that were handed out by the CBers.



One of these CB motor bikes was later moved on for obstruction.



The general feeling of all CBers was expressed in a subtle way by this vehicle, like a brick!

We had one elderly couple who were stationary alongside us wind down their window and ask us what CB was, so we located a leaflet and handed it over. I didn't think any more of this but later they were going back the other way and as they pulled alongside they expressed their support and they actually stuck the leaflet on the side window and proved their interest.



Even the Buzby joined in the procession and the CBER standing in the road was quick to plaster a poster on the yellow machine.



A good turn out with a booze up at the end, that's the way to run a demo, isn't it?

The police kept a pretty low profile, although they did issue a couple of produce your document slips to a couple of motor cyclists that were handing out leaflets. They warned them to move off or collect another slip of paper, only this time for obstruction. The only really noticeable activity towards CBers was a couple of boys in blue who took down the registration number of every vehicle that passed displaying a CB sticker. Now why and on who's orders were they doing this? We had a word with one of the local bobbies who was sat on his bike looking quite amused by the whole situation and he obviously had no intention of giving any of the CBers any hassle. Unfortunately he had no knowledge of the number plate takers, nor did he seem to think it was liable to be any of the lads he knew.

So, having drawn a blank on that subject, I asked him about the Yellow Peril business, he informed me that a friend of his had been following her vehicle in March and he noticed a slight interference on his radio. He also saw the driver of the vehicle ahead of him using a microphone, so he switched to channel eight and could just make out the over-modulation as Yellow Peril signed off saying "I've got a Smokey on my back

door so I'm going to stash the rig in the glove box".

We asked him more about his channel eight, evidently there is only a crystal fitted in this channel on rare occasions as it has poor harmonics and is rarely used, but if a crystal is fitted then it can pick up a CB transmission if the source is close enough. This sounds feasible enough to us but we're going to have to get some more info on this so if you know anything about this write and let us know. Another interesting bit of info we extracted from this officer who I think may have divulged more than he should have, was that a 27mhz monitor capable of transmitting was fitted in the Tunbridge Wells police station. I didn't want to sound too interested so I chatted on and gradually got around to the important question, "Tell me, is the monitor you have, supplied by the police force. I mean is it official?" He answered, Oh no, one of our lads rigged it up, it's handy so we know what's going on with things like this and we have even heard an accident reported over the air which we attended. It's not really designed to be used to catch CBers, Yellow Peril was just unlucky. After all if we blatantly see you using a microphone then we have to act.

So there you are H.Q., nip down to Tunbridge and raid the police station. Now that has got to be the bust of the year, what club is going to offer to pay their fine. Any breakers any takers?

Anyhow, the procession was about to wind down so we followed the convoy back to the Robin Hood pub, where someone had managed to arrange a few cans of beer for the thirsty breakers. All in all there was a very good turn out with the procession over a mile long at one point. The only sad thing was that Annette Box, alias Yellow Peril, was on holiday and missed all the fun, or did she? I hear Majorca is nice this time of the year.

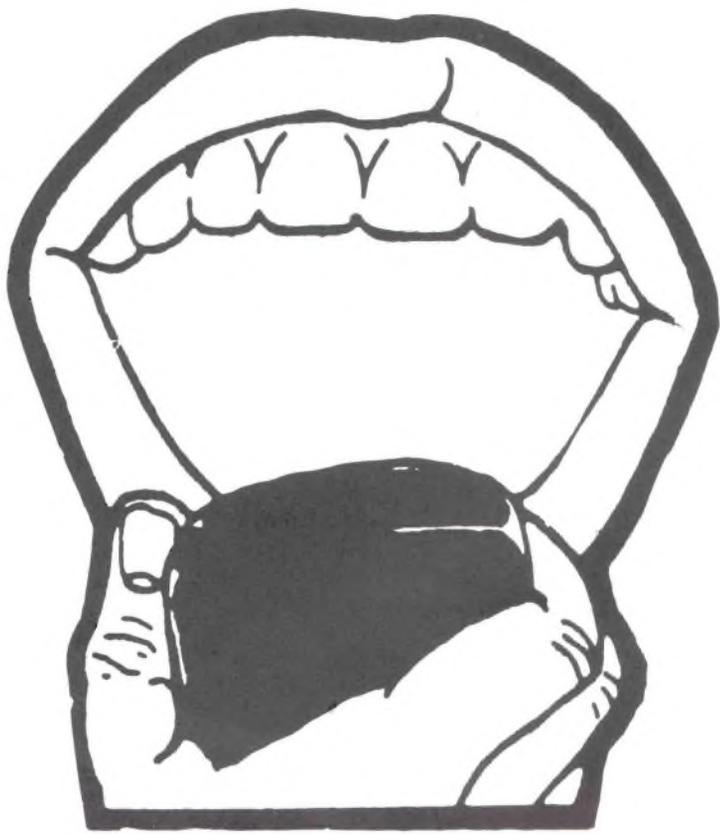
JOH

Dear readers, there would have been an account of Brighton's demo but someone who promised faithfully to write it, let us down.

**CB
RADIO**

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MONTHS
CONTENTS**

**TRAFALGAR SQUARE
FREQUENCY JUNGLE
THE ELUSIVE
GOVERNMENT PAPER?
SUNSPOTS**



CB Spe

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PL259/6. PL259/9. Reducers. Females. Back to Backs. SO-209 - 3.5mm
jack. Splices. Mike Plugs. RG58/U. RG8/U. Patch Cables. Extension
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DX QSL International KIT Club

One afternoon I was working a three way skip chat, when the States walked all over my modulation. The next thing I know I've started an English Chapter of a States Side Club.

The afternoon was inviting and my time was my own, so rig in hand I set off for my favourite DX-20. It's a nice high spot and reasonably quiet, this particular day the skip was good and I set my skyhook which is a modified mag mount turned on my Palomar SSB 500, peaked for maximum power. I always run barefoot as burners tend to cause TVI, which is guaranteed to bring Hotel Oscar or Busby out. Anyhow 12 watts with a good antenna in a nice high spot with good skip is all you need, at least I really get out well.

I was on the calling channel Stateside, lower 16 which is one of the most popular channels. Well I started working Jeff Station 12 in Sweden, this soon developed into a three way patch, with Kim in North Carolina joining in along with Ray Unit 805 in Dublin Ireland. Things were going OK when in comes this voice Wall to Wall and treetop tall, blowing my doors off. "Who's that shooting skip?" so I replied and found out I was modulating with Tom, King Valium was his handle. He told me he was based at Richmond Hill New York and that he was the president and founder of an International DX-QSL Club. Tom is really into CB in a big way he runs a Teaberry-Stalker One 240 channel SSB.

This is wired up to a 'Big Stick' antenna through which he runs a BR-21 Linear, so it's no wonder he damn near re-arranged my ears. Anyhow he suggested that I set up an English Chapter of his club 'Keep in

Touch' he sent me a package of goodies, there is a rather nice cloth patch with KIT embroidered on it. I also got a whole lot of QSL cards and a stamp to go with the Club membership. Although we have only just started in England we have a few members already and the whole club together has members in 24 Countries, not to mention practically every state in the US and a good few in Canada.

The really good thing about KIT is that you don't have to have a rig to be a member, you only have to be interested in hearing from people all over the world. A kind of pen pal type club only you have all got something in common, an interest in CB. So if you want to wait until CB is legal this is a great way to 'Keep in Touch' until the great day, let's hope it's not too far away. I'll then I wish you all the High Numbers and go 10-10 till I catch you again later.

The Duke
Bracknell



Keep in Touch International DX-QSL Club, this patch comes in your membership kit along with various QSL cards and a KIT rubber stamp.

As The Duke hasn't supplied us with an address you can write to, to join or find out more details. All we can suggest is that you write to the USA and ask him to forward your letters to the Duke.

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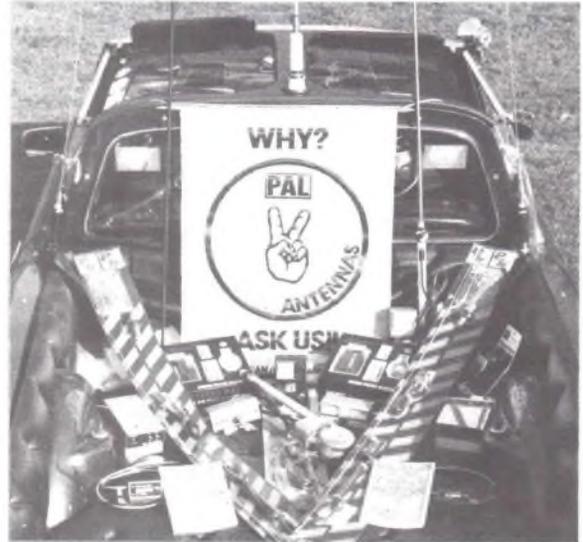
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Getting Out Ask Eric

Suppression: Running to ground the snap crackle and pops.

Suppression – the very word sometimes has me awake at nights, or causes me to break out in a cold sweat. At first I thought that vehicle manufacturers were allocating whole departments to dream up new ways of causing interference to mobile radio installations. My suspicions were confirmed after a close encounter with a Renault 5 with suppression problems, when the source was discovered to be the – wait for it – steering column. The cure? A special Renault steering column suppressor. Seriously though, the majority of suppression problems with mobile CB can be eliminated providing a methodical approach is made to tackling the problem rather than a wild spending spree, buying unrelated items of generally useless ‘CB noise suppressors.’

The modern vehicle, on leaving the factory, is reasonably well suppressed for normal in car entertainment purposes. CB however, is a different thing altogether, as the receiver is much more sensitive and the 27mhz frequency unlike VHF and UHF, is particularly prone to interference.

Before you fit a CB, thought must be given to possible suppression problems when siting the antenna. Ideally, the antenna should be sited as far away as possible from the engine and other sources of potential interference, also the co-ax should be routed as far away from wiring etc. as possible.

An essential requirement for interference elimination is a good earth at the base of the aerial, usually effected by scraping the underside of the mounting hole back to bare metal. Well worth while also is an extra braided earth strap from the antenna base to chassis ground on the vehicle. Salt corrosion during the winter can be responsible for introducing interference problems. A good protection is a liberal coating of ICI ‘Silcoset’ which is an air-drying silicone rubber. If at all possible avoid any joints in the co-ax from the antenna to the set.

When actually installing the set, make sure that the manufacturers instructions regarding earthing and positioning are followed. A secondary earth lead from the rig's casing to earth is a worthwhile addition. If any accessories such as linears, pre-amps etc. are included in the co-ax, earth them separately as well.

If the installation procedures opposite are followed, it is possible that you may have no suppression problems at all. If, however you have, read on.

Step One

After checking that the aerial, co-ax and set are correctly installed and earthed, this is going to sound silly. Is your ANL switch turned on? If not, switch it on. This may sound ridiculous, but I have had people who didn't know they had a noise limiter for reducing interference (ANL). Some sets label this switch ‘NB’, or don't have a switch at all, such as the Jaws 2, this has an ANL circuit built in.

Next, give your car a service. That is, fit new plugs, points, condensor, and new distributor cap and HT leads if they look at all suspect. Then fit new alternator/dynamo brushes, and ensure that all your engine earth straps and earthing points are clean and secure. Then check that all your HT push-on connections are clean and tight, and check that there is continuity in the ignition secondary circuit of a few hundred ohms. Use a multi-meter or get your local car electrical specialist to check it. A coil with poor connections or a secondary circuit break will often work satisfactorily, but will be impossible to suppress.

Basically there are two types of interference that will give you trouble, air-born and live-born. Air-born interference is radiated by various parts of the car, – ignition, alternator, etc. and picked up by the antenna or the co-ax feed. Live-born interference is conducted along the power lines into the set.

Live-born interference can be reduced or eliminated completely by wiring your rig direct to the battery using screened power cable and earthing the screening, and fitting an in-line choke to filter the 12VDC input and eliminate any spurious RF. Several effective chokes are on the market, made by Tandy, Arista, and Sparkomatic. If using a choke, make sure that it's current rating is sufficient to handle the maximum drawn current of your set. Ordinary car radio chokes as sold by your friendly in-car entertainment specialist are totally useless.

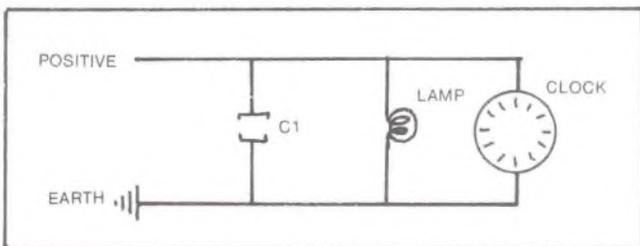
Air-born interference is a different thing altogether. In theory the metal body of your car is all earthed together, and this forms a screen to shield against interference. However with modern production line techniques, it is extremely unlikely that this is the case. Go round the car earthing everything. Engine and gearbox, bonnet, boot, doors, exhaust pipes, and anything else you might suspect. Even this may not be effective, in which case, a little detective work is required. Use table 1 to try and identify the source of noise if possible. Bear in mind that the interference may be a combination of these sources.

TEST CONDITION	INTERFERENCE SOUND	SOURCE
1. Ignition off.	Regular ticking. Electric clock.	
2. Ignition on.	Intermittent ticking or whine. Slow crackling.	Fuel pump. Voltage stabilizer.
3. Engine ticking over. Loud crackling proportioned to engine speed.	Ignition system.	
4. Engine speed increased. (Dynamo equipped cars.)	Whine proportional to engine speed. Low frequency crackle.	Dynamo. Control Box.
5. Engine speed increased. (Alternator equipped cars.)	Whine varying with speed and load. High pitched constant whine.	Alternator. Alternator control whine.
6. Wiper motor on.	Whine in unison with wiper sweep.	Wiper motor.
7. Heater motor on.	Constant whine.	Heater motor.

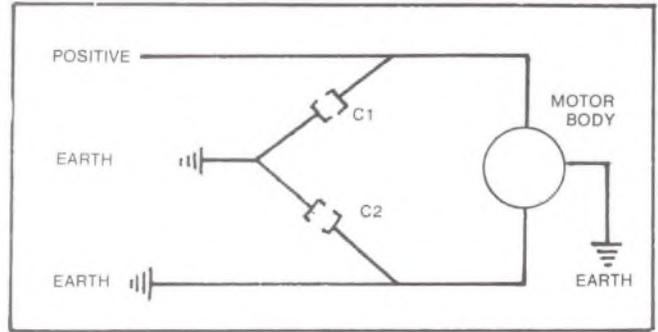
If this table still leaves you in some doubt, make yourself a 'stethoscope' by obtaining a length of co-ax, fitting a PL259 to one end, and stripping the outer insulation and braiding from about 3 inches off the other end. Connect the PL259 to the antenna connection of the rig and turn it on. Use the bare end of the co-ax as a guide to locate the source(s) of interference. Warning: don't press the transmit button with the probe connected!!

Once you have located the source or sources of the problem, and you have 'tuned' your car as described earlier, and earthed everything properly, then start deciding what to do. For alternator, dynamo, voltage regulator and ignition problems, many 'off the shelf' specialist CB suppression components can be obtained from your local CB goodies shop. An excellent all round hit is the NFS-1000, which consists of a dual-live noise filter, and ignition suppressor, and alternator and dynamo suppressors. If all this is not needed, most CB shops sell the components as single items, albeit from different manufacturers.

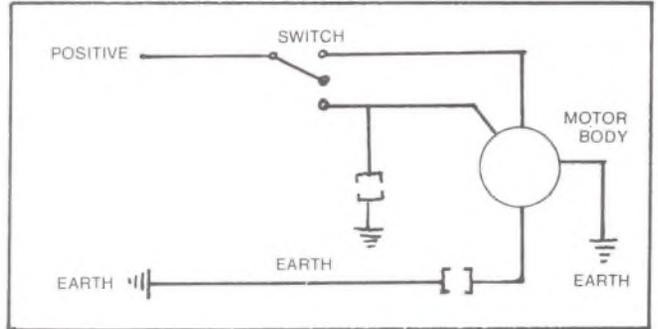
Several circuits follow for those who wish to tackle them for suppression of various other parts of the car electrical system.



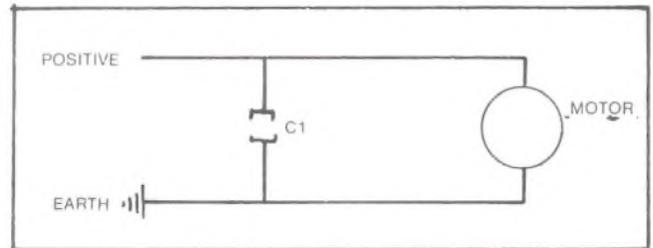
Clock C1 = 1.0µF placed across power lines



Electric fuel pump. Electric petrol. injection pump motor, fan ie Kenlow *(PM) C1 & C2 1.0µF



Windscreen wipers. two speed *(PM) omit C2 on single speed wipers C1 & C2 1.0µF



Electric Windscreen washer *(PM) C1 1.0µF
ES080*PM Permanent magnetic field. see vehicle handbook.

As a final note, don't get fooled into thinking that electronic ignition can't cause interference, because it can, and does! Normal suppression methods should be adequate to deal with this however.

If you have any specific problems, please feel free to write to me, Eric Stoggs, c/o this magazine. Anything technical will be answered, and possibly published.

Eric Stoggs

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27 mhz, 450 mhz or 900 mhz?

By Richard G. Vincent, Vice-President "Firestik" Antenna Company, Phoenix, Arizona

With the demand for wireless personal communications on the increase worldwide, a question arises at the government level as to what frequency band should be allocated for citizen band use.

One of the first things that should be remembered is that it is "citizen" band. If the frequency band chosen requires highly technical knowledge or is very expensive, then by no means should it be called, or even associated with, the citizens. They (the majority) will not understand it, which really will not matter because they will not be able to financially afford to purchase it.

At this time, there are two practical choices and one not-so-practical choice that has been looked at by several worldwide governmental agencies. The first and most logical choice to be considered would be 27 MHZ.

As far as being "citizen" radio, 27 MHZ has more advantages than disadvantages. Equipment in the 11 metre band has evolved into some of the best two-way designs in the world. At the manufacturing level, production systems are so refined that the cost of 27 MHZ equipment is less than that of any other known band of frequencies. Aside from the relatively low cost, other advantages of the 27 MHZ band and equipment are: excellent availability of antennas, a wide range of mounting hardware, excellent availability of test equipment for the user as well as the technician, exceptional range capabilities without the use of external linear amplifiers and no life-harming RF radiation emissions.

Some of the advantages of the 27 MHZ band are looked on by some as real disadvantages. Most of the complainers are the highly-technical people, and not the CB user. The most common complaints are that there are too many people on the channel and, secondly, the ability to DX (communicate long distances by ionosphere signal bounce).

From the eyes of the CB'er (after all, it is "his" band), the DX communicating adds the real excitement to being involved in CB. As for crowded channels, this is a result of the inability of governments to forecast needs or allocate additional slots to accommodate the amount of users. It has nothing to do with the frequency band. As a matter of opinion, if the channels do not become crowded and force the addition of new frequency slots,

then I would hesitate to call it a "citizen" band. This would indicate that for some reason or another (cost, performance, etc.), the whole concept has failed.

A Second Choice

Assuming at this time that the government does not wish to use 27 MHZ as the citizen band, then the second choice would more than likely be in (or should be in) the 450-470 MHZ area.

The reason for the 450-470 MHZ choice would be mainly due to availability of equipment. Many years ago, the Federal Communications Commission opened this frequency band in the U.S. It was classified as "class A", but later became better known as General Mobile Radio Service (GMRS). This band had all the advantages that the F.C.C. thought would satisfy both their concepts and those of the user.

For the user, there was promise of clean, crisp communications from point-to-point with the use of privately owned and rented repeaters; there were transceivers, antennas and test equipment available in reasonably good supplies, and by nature of design, the channels could not become crowded as they were individually allocated by frequency for a group, club or business. As for the F.C.C., the "skip" problem would not exist and there was no fear of dangerous RF radiation emissions.

Unfortunately, the interest by the public was almost nil. The equipment was somewhat more expensive than CB and the users would have to pay a monthly repeater use charge. This frequency band limited the "chance factor" that is found in 27 MHZ CB. That is, you always knew who you were going to communicate with, therefore making it no more than a wireless telephone. It only stands to reason that a phone call was less expensive than the purchase of all the necessary equipment. There was also the lack of knowledge at the user level. This could probably be blamed on the industry's inability to educate the public through effective advertising and also due to a shortage of both communication facilities to handle equipment in the 450-470 MHZ band and insufficient persons or organizations willing to put up a very expensive repeater

Nonetheless, the 450-470 MHz band failed as a means of citizen band communications. The last choice which will be looked at will be the 900 MHz band.

The Worst Idea Ever

At this time, the 900 MHz VHF band has got to be one of the worst ideas ever. There is but one advantage to communications at this frequency, that being a very clear, noise-free frequency. Every other characteristic at 900 MHz is a disadvantage with respect to the words "citizen band" and, as far as that goes, I find it annoying that anyone could even associate it with the interest of the good of the public as a whole.

First of all and most importantly, it has been found that RF emissions at this frequency are dangerous to anyone with the eye disease, cataract. Of course, if a safe distance was kept, no danger would be noted. But how do you control this? One thing for certain is there could be no handheld units.

From that idea, things continue to look grim at 900 MHz. For instance, there could only be point-to-point communication with limited range. Even if the use of linear amplifiers were allowed, it would increase the emissions danger and add to the already high cost of the transceiver. Of course, that is assuming that the transceivers and amplifiers were available in sufficient quantities to supply the demand.

However, there is a way around linear use. Simply build stacked co-linear antennas and add a dish to increase the gain. This would be a must if linears were not used as a 1/4 wave 900 MHz antenna would only be 3.25 inches high (8.26 cm). Transmitting area as well as receiving area would be so minute that operator satisfaction would be less than desirable.

To High A Price To Pay

Also, because of the high technological design of these antennas, the cost would be much higher than that of a lower frequency antenna, and from the manufacturer's standpoint, cross-matching various antennas with mounts and coax not specifically designed for that antenna would be a definite "no! no!" At these high frequencies, the antenna, mount and coax would be a critically matched set. The user could not change brands of antennas for replacement purposes or for system upgrade without replacing the whole antenna system. Again - more cost!

To finalise the apparent disadvantages of the 900 MHz frequency spot, what about test equipment? It is absolutely necessary that every antenna system be tuned for low standing wave ratio. Failure to do so would cause poor transmissions and possibly costly damage to the transceiver output circuits. Try to find a SWR meter priced within the consumer range to handle 900 MHz. After that has been accomplished, try to outfit a repair facility with the proper equipment. At this time, all you will find is high-priced lab equipment.

A standard comeback on all of the problems involved with 900 MHz has been, "it will allow us to start a new market instead of getting all of that old 27 MHz junk that is on the market, and at the same time, the units could be made right here which will give us industrial income as well." BUNK!! First of all, most of the "old" CB radios have been absorbed by worldwide markets.

The first international "dumping" started in the summer of 1977 and continued until mid-1979. At that time, only the stronger manufacturers with a solid background remained. There is some very nice 27 MHz equipment available today.

As for keeping the industry within the boundaries of a legalizing country, you may as well forget it. The Asian manufacturers already have 900 MHz designs and their ability to overwhelm the market would be no different than it was with 27 MHz equipment. The only way to stop it would be to slap a trade restriction on them. But of course, with the Asian countries supplying most of the world's electronic equipment, they may just say, "take it all or take nothing!"

To many readers of this article, the writer may sound very pro-27 MHz, but I can assure you that a better choice would be pro-CB. Private radio ownership can be a very rewarding experience not only to the user, but also the community. It has saved lives and aided stranded motorists. It has been used to report crimes and to get community help during natural disasters, and to aid in finding lost children. CB'ers tend to cling together, and you will find that doctors, lawyers, politicians and the base of society, the common citizen, will come together as one. They will all be CB'ers. The only catch to make it all work is to offer equipment in the price range that the majority can afford. If it doesn't, don't call it a citizen band and don't expect to reap the benefits of having a national network of users.

Your Government Must Act

In years gone by, 27 MHz, along with other possible frequencies have been looked at by countries such as Australia, South Africa, Canada, West Germany, Sweden and most recently Belgium and the Netherlands. There are also many countries where 27 MHz is not legal, yet it exists in great numbers. Going to another frequency will not stop CB "pirates", as they have been called.

When it comes to citizen band radio, it is the government's duty to regulate it. The people as a whole are the base of society and it is time that they be recognized as just that. When the time comes, and it will, for the public to want personal communications, why not ask the people what they want? After all, it is for them. Granted, they may ask for more than what is reasonably feasible, but a government/people compromise will most likely work out the best.

In summation, when given the choice of 27 MHz, 450 MHz or 900 MHz, the advantages for both the government and the people point strongly towards 27 MHz. I don't intend to suggest that because every country that has legalized CB has chosen 27 MHz, therefore, all that follow should do the same, but one would surely have to wonder why it was chosen.

Both the 450 MHz and the 900 MHz frequencies could work, but the preparation regarding the state of technology, the apparent cost problem and the consumer acceptance will take at least 5 years or more. In the interim, there would be no legal citizen band users.

Nonetheless, days on end will continue to be wasted looking for the greener grass that "may" be on the other side of the hill. If it is found, then I'll take off my hat to the finder. In the meantime, I'll put my money on 27 MHz and bet that the lookers will walk over many hills only to find dried weeds.

Readers Write

Dear Sir,

I just had to put pen to paper, after reading the NCFL article issue no.1. To keep it short, what a load of rubbish! All this talk about frequencies is a sheer waste of time and breath.

Having discussed this subject many times on channel, (which is the best way to learn the opinion of the breakers) I have come to the conclusion that a good 90% of the breakers only, want 27mhz and will stay there be whatever. As far as myself and most other breakers are concerned we are not going to forfeit our QSO, or our range for anybody. If it means staying illegal, well we are now, aren't we? Who this NCFL think they're representing, is beyond me. It is certainly not the average breaker around this 10-20.

10-10 Bye Bye We Gone
Whinging Phom
Tottenham

Dear Sir,

I am a little perturbed at the effect on the campaign for the legalisation of CB by the body of people who, it seems, will stop at nothing to get it legalised on 27 mhz. I will not dispute that these people have a right to air their views in this matter. Neither will I dispute their claims made for legalising CB on that frequency.

However, the Home Office have strongly hinted on several occasions this year, that CB will not be introduced on 27 mhz. I will put it to you that we are all, whether we want CB on 27 mhz, 230 mhz, 900 mhz or any other frequency, using AM, FM or SSB etc., wanting one thing and one thing only; CITIZENS' BAND RADIO. It would therefore appear to me, that the best way of getting what we all want is to pull together in a unified campaign against the common 'enemy' – the Home Office – instead of just detracting from each others' efforts. Let's get the Home Office to say yes to CB and propose a frequency, then is the time to make counter proposals.

Come on, let's forget our differences, let's pull together to get the Home Office really hooked on the idea of legalising CB. Then and only then can we afford to split the campaign into the different factions, otherwise the campaign will drag on and on and we don't want that do we?

B.R. HARROW

Dear Sir,

May I say how much I enjoyed reading the first issue of 'CB Radio'. I read every word with interest right down to the page numbers. My two adult sons and myself are keen radio control modellers and full sized boating nuts, with our very active life we need and are interested in CB. But on principal we will not operate illegal radios. Make it legal and we will be first in line, but not 27mhz please.

Good luck for the future, perhaps you could issue car stickers such as in one of your photos – CB 4 U.K.

Yours
W.A. Bone,
Ilford, Essex.

Dear Englishman,

A reader of ours sent us a copy of your magazine (issue No. 1) CB Radio. We wish you all the best with this new venture.

We thought it a bit unfair of you to say you were the first CB magazine. We know we haven't got a glossy cover and our typeset is not the vari-typed set up, but we were the first CB monthly and have quite a large circulation to back us up.

We hope you gain the trust and respect that we have gained over this past year from the breakers, whose magazine Bandstand is, as they are the major contributors to it.

We obviously saw that our two magazines differ in a lot of respects, but the more information our fellow breakers can get the better. Let's face it that's why we put so much time and effort into producing a magazine.

Once again we wish you the best of luck and remain,
Your's sincerely,

Mike and Wendy Evans,
Editor and Secretary, Bandstand.

Correct me if I am wrong, but did we actually say we are the first! Oh well, keep up the good work Mike and Wendy and Happy Birthday.

ED

I like it!! At last a magazine devoted to the U.K. CB scene. I arrived home from Works 20 knackered as usual, trying very hard to dredge up a smile for the XYL, (well they expect it don't they) psyching myself up for the bedroom painting job she has so kindly discovered for me and thinking general fed up thoughts when I eyeballed the mag.

"About bloody time this thing arrived, I hope it's worth the money!" I muttered to myself. Well I read it from front to back and I was pleasantly surprised. In fact considering it is Issue One, I think it's very good indeed. As you have pointed out yourself, you still aren't sure of your identity but this will come I'm sure with time and experience and advice from us the readers.

The only thing which disappointed me was the preponderance (good word, eh?) of reporting on an area South of Watford. But I suppose that this is only natural until you find your feet. If, and it's a big IF, I can escape from the clutches of my decorating crazed XYL I hope to rectify the situation and let you know about things up here in the desolate lands of Durham and Northumberland.

We have a thriving CB scene here, in fact at times quite miliant but that's another matter. The major CB Club in the area is C.B.N.E. Buzby is fairly active around here but his success rate is very low. Over the last 10-12 months I think he's only busted about 8 breakers. Mind you there's been quite a few narrow escapes! More about this in the future.

That's all I dare write for the moment as the XYL has a strange glint in her eye. It means 1 of 2 things; either she's finally cracked or I'm about to get a bawling out for loafing about instead of painting. I think I prefer the first alternative!

Breaker Break, Stay Cool,
Greenfingers,

Dear Editor,

Whilst educationally I took A levels in idiocy, yet from the mouth of babes and idiots sometimes emerges wisdom. If the only hassle with CB possession is illegal import could not the sets be made or assembled in the UK.

My dim memory from the 1920's recalls most crystal sets were made by amateurs and surely technology has progressed in the 1980's.

Is it beyond the capability of a good electrician? Home made CB would be patriotic, and possibly cheaper, or even legal?

Piratically, Long John,
Surrey.

Actually you're not such an idiot as you think. If some one imported legally or made the components here in the U.K. and assembled a 27mhz set then the operator would not have to pay the high price of avoiding importation duty. However the person who assembled and made the transceiver would if caught be in for a very stiff sentence. Also the operators equipment would probably still be seized as all transceivers have to be made under licence, and rest assured he would still have contravened the Wireless and Telegraphy's Act. Not only that but if he refused to divulge where he got the rig from, he would be on an obstruction charge or worse, they would assume he made it. So you can't win either way, can you

ED.

Dear Sirs,

Firstly I'd like to welcome you as the first CB mag. I've really enjoyed reading it and look forward to No. 2.

I've been on the air about 9 months and love every single minute of it. It's like a magnet, once CB gets hold of you it won't let go, it's great. I hope things don't change too much, if and when it becomes legalised. My sympathy goes out to all the breakers who have been caught. It's a pity the government won't spend their money on looking for real criminals. I'm positive there are a lot of them about. Are we really doing any harm?

I've only a cheap rig at present, but it suits me. Our local buddies and the truckers we get passing through are great. In fact I can honestly say I have not yet spoken to an unfriendly breaker. Then that's what CB is, **C**ompanion **B**uddies.

So come on all you, not yet breakers, go get your ears on, it's great.

All the high numbers and break a break,
Devil Woman,
Bromsgrove, Worcestershire.

IF YOU HAVE SOMETHING TO SAY OR WISH TO COMMENT PLEASE FEEL FREE TO WRITE. THE ADDRESS IS READERS WRITE. CB RADIO 158c HIGH STREET, YIEWSLEY MIDDLESEX. ED

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The advertisement features a collage of various electronic equipment, including car stereos, portable radios, and communication devices, arranged around a central white text box with a black border. The equipment is shown in various orientations, some with their controls and displays visible.



The Law and You

Northampton police memo to Chief Superintendents, June 1980

The use of CB radio was discussed at the 4th regional police conference on Monday 16th June and a memo was drawn up to be issued to Superintendents A, B, C, D, and E. This recommendation came about following the submission of a paper by the Chief Constable of Nottinghamshire re the guidance to officers of his force as to the extent of co-operation that the GPO radio department should receive in the Northampton area.

It appears that the Chief Constable for Northamptonshire had recently received legal advice on the GPO's authority to act as regards the illegal use of CB radios. He was informed that no GPO officer had the authority to stop vehicles or to search vehicles in order to detect this class of offence. Nor did he feel that his officers should be involved in assisting the GPO in this matter until such time as the Home Office had clarified the matter or until such time as suitable legislation had been implemented or amended to cover such detection. He felt that until such time his forces could be better employed, and it therefore follows that this force will, if any request is issued by the said GPO radio department, decline to assist. Nor would they aid or assist the GPO to stop or apprehend any vehicle suspected of violating this offence.

Evidently Nottingham is not the only police force fed up with Buzby, recently the GPO called out the police in Glasgow to deal with a CBer. However in order to get a prompt response from the police they said that there was an expected unlicensed firearm in the vehicle. This got more than a quick response, the police staked the car out with marksmen and as you can appreciate they were upset when it turned out to be an unexpected CBer. So evidently the police in that area have also had enough of Buzby.

It is nice to know that the boys in blue in at least two areas have had enough of Buzby, after all their job's hard enough without having to chase CBers high and low. However it does not mean that the P.O. or customs will not ask the police to assist in an offence of this nature.

Northampton Police
MEMORANDUM TO
19 JUN 1980
The Chief Constable
OFFICE

To: Chief Superintendents 'A', 'B', 'C', 'D' and 'E'

On Ref: GPO 1357/80
17/80

Est: _____
Year: _____
Date: 18th June, 1980

Citizen Band Radio

The use of the above radios was discussed at the No. 4 (Eastern) National Conference of Chief Police Officers held at Lincoln on Monday, 16th June, 1980 following the submission of a paper by the Chief Constable of Nottinghamshire, seeking guidance as to the extent of police co-operation with the Post Office Radio Branch in detecting the illegal use of these radios.

Mr. S. L. Whiteley, the Chief Constable of Suffolk, drew the attention of the conference to the fact that he had recently received legal advice suggesting that police officers did not have any authority to stop vehicles on a highway in order to detect this class of offence and he also pointed out that doubts had been expressed at a recent meeting of the A.S.P.O. Communications Committee as to whether Post Office powers to seize radios were as wide as Post Office employees imagine.

After a long discussion it was decided that until these matters had been clarified with the Home Office and suitable amending legislation, promulgated forces in the Region would not afford assistance to the Post Office Radio Branch in this sphere of their work.

It therefore follows that this force will abide by the regional policy and should any request be received from the Post Office Radio Branch for police involvement in any measures to combat the use of citizen band radios, Chief Superintendents will, regretfully, decline participation for the reasons stated.

Assistant Chief Constable,
Campbell Square
19th June, 1980.

A copy has been sent to: Chief Constable and Deputy Chief Constable - for information.

To: Superintendent P. M. TITMAM
Superintendent [Signature]

Forwarded for your information. In the past we have assisted the Post Office Radio Branch and stopped vehicles on their behalf. In accordance with the Assistant Chief Constable's instructions this practice will cease, and Police Officers will not stop vehicles either on their own volition or at the request of the Post Office Radio Branch.
(Signed) [Signature]
Superintendent

To: Duty Inspectors -3- Here May 20th June 1980
Forwarded for your information and that of your staff.
[Signature]
Superintendent

As we stated last month we will be going into the legal aspects of CB in full once our solicitor has managed to dig his way out of the huge pile of technical ins and outs of our legal system. His problems are somewhat more difficult as there is no clear cut legislation on CB.

So even if you live in these areas take care, keep your screen clean and don't be seen.

Club Spot

BCBC

A highly successful meeting of the Bury St. Edmunds CB Club was held on Sunday 15th June, 1980. Attendance was in excess of 90 people from in and around the local area.

Much to everyone's surprise a gentleman attended who lives 40 miles outside Paris, France. He is a long distance trucker who visits our country quite often on various runs pertaining to his work and has come into contact with a few members of the Club who invited him to attend this meeting.

It was pleasant and interesting to hear exactly what CB radio is like in France and in particular his stories of how it is run in numerous other countries which he visits. The gentleman's name or handle as they prefer to be called, is Blackfoot and he has made numerous friends already and is looking forward to visiting us again.

The highlight of the evening was a special award presented to two local gentlemen for the important role which they played in a major automobile accident recently. Each of these two gentlemen had an opportunity to relate to the audience exactly what happened during the course of this emergency and how it was dealt with.

They were presented with a beautiful silver finished engraved plaque inscribed: "Alert breaker award presented to . . ." and then their respective handles, "Whisky Mac and Big L by the BCBC".

Amongst other topics covered was the issuing of blank petition forms for the legislation of CB radio in the U.K. for which the club is anticipating a response in excess of 5,000 signatures. Every member in attendance has pledged a minimum of two letters to be written. One to their local M.P. and one to the Home Secretary, voicing the need for CB radio to be legalised at the earliest possible moment. Certainly from the amount of enthusiasm generated by this particular meeting, the club looks forward to many more successful events.

There has been a club Barbecue and Disco planned for the latter part of July, which will be open to anyone. Tickets are available from the Club Secretary.

There was a tremendous business being done in the latest club T-shirts which are printed both front and back.

A group has been organised to attend the CB rally in Trafalgar Square on the 6th July at 11 a.m. Guest speakers will be in attendance at that particular meeting and the club will again enjoy the support of its numerous enthusiastic members.

J.R. Vice Chairman, B.C.B.C.

West London Breakers

This month we will be at the Hanworth Carnival and also the Hillingdon Carnival since we now meet on a Tuesday as opposed to Thursday our club has become

closer to the SBS and it is with co-operation between our two clubs that we have two carnival floats. The SBS invited us on to their Hanworth float and in return we invited them on to our Hillingdon float. Our meeting is at 'The Steam Packet', Strand on the Green, Chiswick. It's near Kew Bridge. If you're looking for us, just turn down beside the bridge and the Star and Garter and we're upstairs in the first pub on your left. We have a DJ there every week just to add some background music, which tends to help the evening flow. Our club is totally free to join, or be a member, although we do raise club funds. Recently we changed from donations to a raffle, the first prize being a power mike, a K40 or similar goodies, it seems to work much better and keeps every one happy.

At present we're planning to spend some of these funds on a disco later this year and we're also arranging a football match - SBS v WLB - just to keep up our friendly rivalry. After all we won their car rally and they won ours, so we're even at present. Hope to see you one night.

American Boy
Vice President, WLB Chiswick

Silly Breakers Society

All SBS take note - we have moved our meet to 'The Royal Oak', 107 High Street, Teddington. Spread it about and let all the SBS know. We moved at the end of June, but just in case you're not a regular, we have put it in print. Basically we moved because of the management at the old meet. I mean there we are, 125 to 200 people all from one club giving him a roaring trade on an otherwise quiet Thursday night, and all he does in response is inflate the prices and let one of his staff soak one of our founder members with beer without so much as an apology. Now, I ask you, is that good business 'my boy'. Anyhow, the new pub is just great, it's nicer, larger, and the management are much friendlier, and in-case you still haven't sussed it, we're only just down the road from our old meet. Head towards the AA and we're on your left no more than a long stones throw away, so you've no excuse not to find us. As the WLB have said, we agreed to let them on our float. We had to really, they're supplying the 40 foot trailer. No, seriously, we have got some really good friendly rivalry going and our two floats together will look great, especially if we ever get to drive ours up to Trafalgar Square.

We have already had an inquiry from the modellers who are on the carnival procession asking if we were going to have transmitters on our rig. I'll bet they were picturing a few models being shot down when they heard we were going.

Anyhow, Breaka Break, as they say.

P.S. - SBS Rule and keep the Network alive SBS.

Suicide Jockey
SBS, Twickenham

Mid Kent Citizen Band Club

The MKCBC was formed recently to provide a venue for all Breakers and those interested in CB in the Mid Kent area. Following considerable H.O. activity in the area it was felt that an organisation which could bring CB'ers together, giving advice and promoting the campaign for legal CB on any frequency, would be of invaluable service to sympathisers in Kent. Our membership has steadily grown as people come from as far as the South coast to our weekly meetings at the 'Medway' public house, Bank St., Maidstone on Sunday evenings.

With membership at only £2.00 per annum and a full calendar of social events proposed, we expect the next few months to see the beginning of a great deal of activity, of one sort or another, for us Mike Kilo Ace Breakers. Catch you on the side or eyeball you on Sundays – either way we'll make you feel welcome. If you can't make it to the meet, the Club can be contacted on Charing (02337 1) 2213 at most times of the day or night – ask for Colin.

Harrow and Wembley Citizens' Band Group

The Group is taking part in the Roxeth Show. Now, a lot of you (100%) will not have heard of Roxeth and may be scurrying away for your atlases. Come back. Roxeth was the name of a part of Harrow until the railway came and renamed the area South Harrow.

(End of geography/history lesson; you do learn a lot from CB don't you?).

What will we be doing at the show? For one thing we won't be breaking anything. We will however be doing our bit in helping people to identify a way in which CB would be useful in their lives. There are still many people who haven't heard of CB or, if they heard of it, just don't realise how useful it would be for them. Now, this is an area in which everyone could do something. The more people who are interested in CB (regardless of their technical preferences) the more there will be to campaign which means that the Home Office may just give us CB a little sooner.

Well, that's all for now. I'll let you know next month (if the editor permits) how the show went.

If you are interested in joining our Group, please give me a ring on 01-422 7570.

BILL RIDGEWAY

CB Radio Club North East

We came into existence at the end of 1978 and meet at the Mount Pleasant Social Club. Our address should you wish to contact us is CBNE, 3 West Street, New Silksworth, Sunderland, Tyne & Wear SR3 1EU.

More about CBNE next month.

ED.

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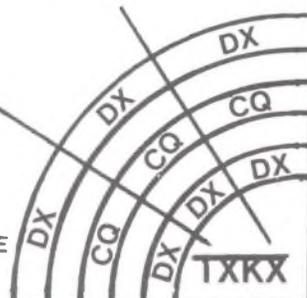
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