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ISSUE No 4  
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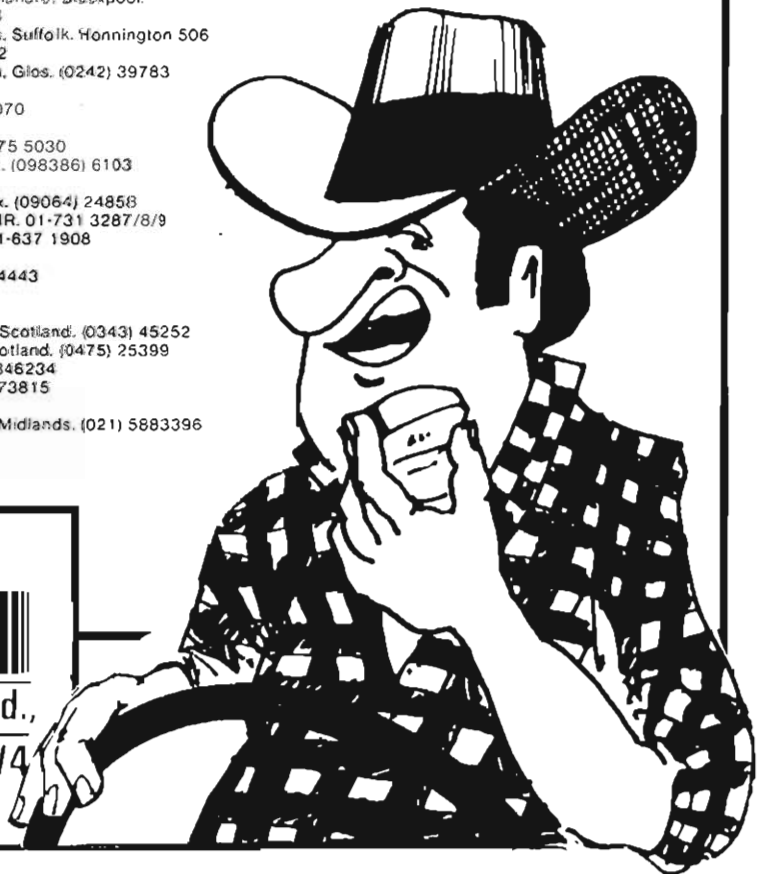


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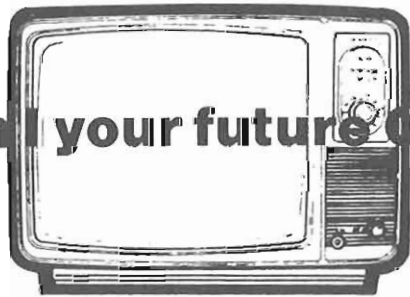
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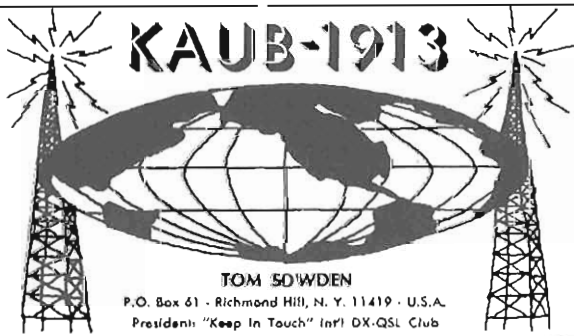
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Come Back the Breaker

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## CB RADIO MAGAZINE 158c HIGH STREET YIEWSLEY MIDDLESEX

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## IMPORTANT

AS A MAGAZINE WE CANNOT CONDONE THE USE OF ILLEGAL 27 mhz EQUIPMENT NOR IS THIS PUBLICATION INTENDED TO ENCOURAGE THE USE OF SUCH OR ANY OTHER ILLEGAL EQUIPMENT CAPABLE OF TRANSMITTING OR RECEIVING. WE DO NOT ACCEPT RESPONSIBILITY FOR ANYTHING PUBLISHED WITHIN OUR PAGES NOR ANY DAMAGE HOWEVER CAUSED. IRRESPONSIBLE AREN'T WE!

# Once more unto the Breach

Onward onward, ever onward, yes we're still here and intend to remain with an introduction.

So what the heck, I enjoy writing the intro and I'm sure you don't mind do you? Besides how else can I tell you, not that you're really interested, what has been happening to us and the CB scene in general. No I'm not going to use Well to start of the next paragraph!

Okay, for those of you who have read from copy one onwards, I sympathise, stick with it. This is going to be a regular spot. Actually to be truthful you knew that all along didn't you? Even if we didn't seem to know, frankly we were waiting for letters to flood in saying how lousy the intro is and abolish the editor. But as that didn't happen, Hello.

New readers will by now be totally baffled so maybe I should explain, here we go again. As a magazine we started to exist back in May although we had to change the cover date to June, so as not to be out of date. However there were to Bank holidays that month so we should have really called it the July issue. Hence ever since we have been late and we didn't really know whether to have a regular introduction page or not, confused?

Well! On the subject of late! We will eventually, how many times are we going to say this, try and get up to a publication date of, wait for it, being available at the very beginning of the month instead of half way through. Last month we failed and blamed it on the Discussion Document, which to be truthful was correct. This month, well there was another Bank Holiday wasn't there. As I already eat, drink and sleep CB 24 hours of the day, seven days a week, all together Aah, I decided to have a rest and toddled, toddled haven't heard that word in years, anyhow I went to Bournemouth, no prizes for guessing where I stayed.

Last month things were happening, we attended the Press conference at the Home Office which was called to officially announce the Discussion Document. We sat and listened to Mr. Raison as he put over the Governments thinking in their approach to OC, the press asked their questions and we weren't shy in getting our two cents worth but more of that opposite.

We even helped make a little bit of news, our patron saint JOH was interviewed by Capital Radio, LBC, Radio London and a few others. Unfortunately the only interview we heard was the Capital Radio London Tonight, not wishing to make JOH's head any bigger, but the coverage did put over a fair opinion of CB. However as the greater majority of you can't receive this station, the coverage was lost on you. Don't get me wrong, I'm not saying you're out in the sticks but unless you send us in reports then I guess there's going to be

a lack of coverage North of Watford.

On that subject if you feel like becoming an area reporter for us let us know. If you can operate a camera and use a pen then don't just think about it, write and let us know what is happening in your area. You may even find it worth your while.

But back to the news, I am not sure that we're here to create it but I guess any mention CB gets helps to make the public realise that CB and CBers exist. Now what's he rambling on about? You may well ask!

Do you horde back copies of the Daily Mirror? Well go and rummage through them, Tuesday August the 26th page 5. On second thoughts, come back, you probably won't have it lying around anyway, not unless you've got a nice old fashioned Fish and Chip shop near you. But once more I digress, there was a nice little write up on the Northampton Police Statement refusing to aid the GPO in detecting or apprehending CB users. Richard Todd the reporter had in his possession our issue two and was referring to our 'The Law and You'. Of course he mentioned our name which helps us, however it's a shame we couldn't have persuaded him to print that if you phone Teledata they will give you our address and you can post off for a copy. But then that would be advertising wouldn't it.

Have you noticed the way we flow from one subject to the other? Neat isn't it? No, oh well, there's no pleasing some people. The reason we use Teledata, is hurumph, we're not supposed to say this, when you, no not you, when other naughty boys talk to each other on that thingamejig, you know it's like Amateur Radio only different. Then they could just talk about us and in particular how to contact us. Well that is they could if it was legal, they could say sure just phone Teledata they will give you the address. But as it's illegal I don't suppose anybody actually says that. I suppose at the moment people just tell each other in pubs.

Either way they must because a few of you that sent in a subscription have commented on Teledata asking you for your name and number and even address, you know you don't have to tell them, it's just normal practice with them, it's not something special to the subject of CB.

One last subject, yes we have seen Breaker, we knew about it quite a while back, let you into a secret they refused to take our advert. Quite a compliment really, they said we were too much like competition.

Well (damn that word again, I will find a new one for next month). Well this is your friendly British Breakers Mag going on the side till next month, ED

# The Press Conference at the HO

Most members of the Press attended this the official release of the Discussion Document.

Tuesday the 5th of August was the day the Home Office chose to release their Discussion Document. We had managed to get our sticky little mitts on an embargoed copy along with an invite to attend the press conference. We arrived at the same time as Richard Town whose comments on the document were, quote, "The Government have been sold a Pup." unquote. Those of you who know Richard will have noticed that he is not one to leave things unsaid and he certainly came to the point here.

The conference began with Mr. Timothy Raison outlining the thinking behind the Discussion Document, namely that the Government believed this is a chance to open up discussion and not to be negative. He continued to outline the principles, quote, "The public should we feel have the opportunity to make use of Air Space, this is our first consideration. Secondly there are certain social uses that must be considered. There is obviously some benefit to be gained from a form of Open Channel, for instance in its possibilities as a means of summoning help in the case of an accident or being stranded." unquote. He continued, quote, "But our main and principal reason is that it is an opportunity for people to enjoy themselves, Open Channel can be fun for the users, this is our main reason for publishing this Discussion Document. Forthly and lastly, the growing illegal use of 27 MHz is bound to cause concern, we feel that we can combat this use if we are specific." unquote. Then Mr. Raison went on to explain the reasons for outlining their preference of a 928 MHz OC. Quote, "We consider this to be an opportunity and a chance for British industry and an export aspect exists if they seize this opportunity. There are two main points on the frequency discussion and interference is at the heart of the matter. Firstly we cannot accept any system that will cause interference and we cannot allow CB to interfere with anyone. Secondly, Open Channel cannot be a burden on public expenditure, OC must be self financing. The Radio Regulatory Department have taken extreme care in preparing this Discussion Document. 27 MHz is definately unsuitable and none of the main bodies campaigning for legalisation have plumbed for 27. There is proven interference on this frequency to Modellers, Hospitals, Police and other emergency services. We believe the merits of a frequency over 928 are plain. One, it is available, it should give the recommended range, and require no skill to operate. Two, there is no liklihood of interference to anyone. Also we will be in line with European and International thinking. We believe we

have the right basis but are open to practical and sensible suggestions." unquote.

After this announcement the press were allowed to ask questions. One member asked if a date for introduction of OC could be given. Mr. Raison answered, quote, "It would be wrong to be pinned down to a precise date, the closing date for the document is November and then a specification still has to be drawn up. If preferred frequency is to be used this would not take long and I would hope that OC would be available in 1981." unquote. He was then asked if they had not priced CB out of the market and could he give an idea of the price of OC equipment. The reply was as one expected, in the same terms as in the DD 20% on the price of existing land mobile but that the price would drop with demand. There had been informal talks with manufacturers but no conclusions had been drawn.

Mr. Raison was then asked if 928 MHz has a limited range of only one or two miles, did this not cancel out one of the normal benefits of CB, namely the range in an emergency. His reply was, quote, "I don't frankly think that in a city, which is where the range is reduced, CB is necessary to contact the emergency services, there are ample telephones in existence." unquote. This answer raised a few murmurs of if you can find an unvandalised telephone, and a small ripple of laughter.

We then asked if there would be an amnesty period as in Australia, of if allowances would be made for those using 27 MHz. The answer was stern, quote, "The use of 27 MHz is illegal, these illicit users are risking damaging more important things, there is proved interference and these things are more important than sheer enjoyment. 27 MHz is illegal and will continue to be, we will continue to prosecute these illicit users. They are breaking the law and shouldn't be using this frequency." unquote.

We then asked if Britain as members of the EEC had not been co-signatories agreeing to the use of 27 FM and as they had not looked at this frequency in the Discussion Document did they now intend to. The reply was passed on to the Radio Regulatory departments technical advisor who in a soft voice said yes they had looked at the frequency and it was under further study. It was not included in the DD and would if brought up in the response be looked at again in greater detail. Mr. Raison then added that there was a general move closer to Europe and these facts were considered and would be considered in any decision about frequency.

# The Press Conference at the HO

Mr. Raison was then asked if the Band 1 405 line BBC frequency would not be an easy alternative to the CB problem. The answer was basically that this would not be an overnight alternative and that there were already other uses for this spectrum. At this time they could not say whether this would or would not be made available to OC.

Mr. Raison replied to another question, quote, "An additional amount of staff will be required to issue licences, this is estimated at 20 people and the licence fee would be so arranged to cover this expenditure. A good guide to this would be the amateur fee which is £6.40. There would be no call sign required for OC." unquote.

The next question for Mr. Raison could have been phrased better as it was shrugged off in a humorous air. The question was one of the medical aspects of 928 and over, namely that the advocates of 27 claim that such a high frequency could cause brain damage. Mr. Raison's reply was, quote, "There has been no real study by us on this subject, the claims by Motorola have not been verified by us. There is with all frequencies a certain amount of risk from any transmissions, but we don't consider this to be a specific problem to OC, more a general problem." unquote. We should state that this was said with the consultation and agreement of their Home Office technical boffin.

We then asked Mr. Raison whether he thought the present use of 27 MHz was out of control and if this

Discussion Document was not too late. The reply was, quote, "No, I don't feel that the use of 27 MHz is by any means out of control. It is illegal and shouldn't be used, these people are breaking the law. We will be, when we have parliamentary time, tightening up the legislation on sale and advertising of 27 MHz." unquote.

After the press had had all their questions answered I wandered over to see the boffin, he was talking of 'ILS', landing systems and that they could be interfered with by CBers, knowing how much activity there is in the Heathrow Airport area I asked if there had been any complaints. The answer was NO. But I would not be surprised if in the future you can expect this will be thrown up as the new service in danger from CB transmissions.

JOH



Comments should be addressed to  
Radio Regulatory Department  
Home Office  
Waterloo Bridge House  
Waterloo Road  
London SE1 8UA

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# The Volunteers are on Channel

Local information can be hard to get at times and for this among other reasons the Volunteers are on the side.

That's a four good buddy, you've got a volunteer here. I've got a copy of that info, you said there's a four car pile up on the superslab at the base of the fly-over just where it opens into three lanes. It looks nasty and there's injuries in two of the four cars. I've got a Roger on that and I am informing the emergency services, looks like they're going to need at least two ambulances. Can you hold it on the side there buddy and I will put a one-four break out. One four, one four attention all breakers we've got a multi car pile up on the motorway any breakers headed on the flyover west bound, can you back it on down.

Well good buddies that was one of the sort of things that the volunteers are providing, it is one of many, we are monitoring to help you and others, there is a local information service, a traffic report service and an important message service. How many times have you desperately needed to copy a breaker that night and failed? Well now you can leave the message with us and we will relay it when the breaker comes on channel. What it all adds up to is reliability. Reliability in the sense that we're always here, reliability that if there is a volunteer on channel then they are a responsible breaker and that he or she is relaying to you what he or

she has been told. No wind ups just facts. Repeat NO wind ups. In the case of a radio check what the volunteer tells you is fact and when relaying information it is what you the responsible breaker has originally told the volunteer.

The success of this venture is really up to you, we are dependent on all you breakers for a good response. At the moment we monitor channel 14 from 0800 hrs until 1700 hrs in the South South West London area, but if the need arises out of these times give us a shout because we may be on the side. It is our intention to set up a 24 hour monitor of channel 09 in the near future, when this is set up we will let you know. But we are here now, it is a start and with your help it will grow and our aims will be achieved. A 24 hour service to help you and every one else.

So breakers we leave it up to you to help us provide a useful service. So now you know we are here if you're ever in range give us a call and let us know you care, tell us what the traffic is like, let us help you to help others. Remember we care.

So ten ten keep it clean and don't be seen, all the high numbers from: The Volunteers, Sea Fox, Albatross, Red Rum, Bardic, White Cat and Blackjack.

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# This one's Here to Stay

## CB takes hold and I had to ask myself do wives and C.B. mix?

My other half is a man of many interests (which is not a bad thing as it keeps him out of pubs and off the streets) he often throws himself body and soul into a new hobby. Unfortunately, it means I get thrown in as well, interested or not, usually not.

Over the years I have:

- .. stood and shivered in the rain and oil at Brands Hatch, whilst James Hunt (otherwise known as my husband) bosses everyone in the pits.

- .. Had my ears assaulted by woofers and tweeters whilst Mike Oldfield (also known as my hubby) has tried to turn the house into a branch of Laskeys,

- .. Laid flat out on a cold concrete floor in a cold concrete hut with a rifle strapped to my arm and squinting at a target I couldn't even see, never mind hit (8 a.m. Sunday morning as well! – how's that for devotion),

- .. and held the nuts and bolts, gaskets and other necessary tools as Colin Chapman (sometimes known as) rebuilt an Alfa Romeo in the kitchen.

During all this, I made the required interested noises (according to the agony columns, rule No. 1 for a happy relationship is to be interested in your man's hobby) and tried not to think of divorce.

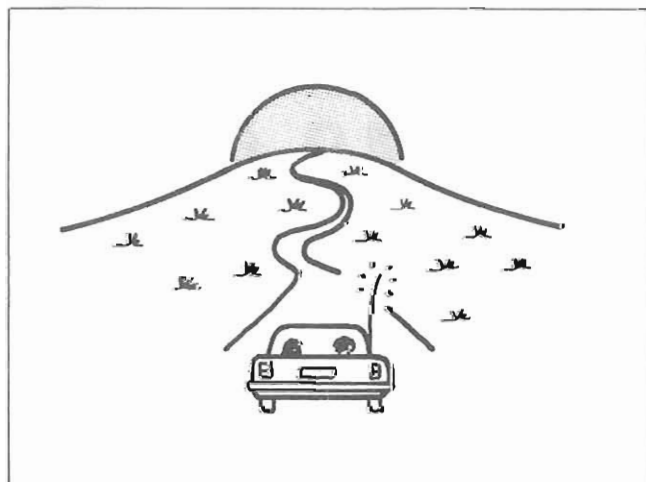
I recognised all the signs of a new hobby developing last Spring. It was either that or an as yet undiagnosed terminal disease. The glazed look, muttering under the breath, sudden desertion of other projects that had once been so important and desperate financial calculation surrounded by salary slips (mine!) and bank statements. I paid no attention – I'd been through it all before. All I knew was that he had borrowed a big, expensive receiver and was listening to people with weird names talking gibberish to each other. Slowly, however, I started to listen and get interested in spite of myself. Gradually it began to make sense and I recognised voices and names and worked out what 10-4, 10-20, Roger Dodge and the rest of the gibberish meant. Well, no prizes for guessing – C.B. radio was the latest fad.

Although I came round from my original opinion I still wasn't that bothered by C.B. until 'The Doughnut' (as he'd now become) suggested buying a rig. "That's it" I thought, "he's cracked up, all this 10-4 good buddy has added his brain". Lights burnt far into the night as I raved on; "You must be mad, spend all that money? It's illegal anyway, we could get nicked, it's a passing phase, you felt like this when you wanted flying lessons" etc., etc. Knowing my talent for talking, he played his ace card and said, "But if we had a proper rig

we could talk back". Now this was something that had not occurred to me, as I hadn't considered *how* the people we were listening to actually communicated with each other. The more I thought about it the more I liked the idea.

I would like to say that it was all plain sailing from there, but I wouldn't be telling the truth. Last summer we sat and worried about almost everything C.B., especially our rig coming through customs. (We had to get a rig from the States because we didn't know where to get one in this country!) I had visions of it being impounded and uniformed figures bursting into the house and me being dragged kicking and screaming through the door. Think of the neighbours!

However, it arrived safe and sound and then our problems really began. We didn't have an antenna – and we still didn't know where to get one. In the end The Doughnut sidled into an amateur radio shop, trying to look inconspicuous and looking just the opposite, and asked in a whisper for an antenna in the 10 metre band. The guy behind the counter bellowed across the shop "Is it for 10 metres, or C.B.?" The Doughnut went puce and said "C.B.!" and started to ramble on that really it was for his brother and he was just passing and was asking as a favour, etc. Needless to say they didn't believe him but sold him an aerial they said would do. Well I don't know what radio amateurs call an acceptable S.W.R. but the best we could get was 5:1, so The Doughnut had to go back and tell them that his brother said it was no good. He connected up the new aerial and got a lower S.W.R.

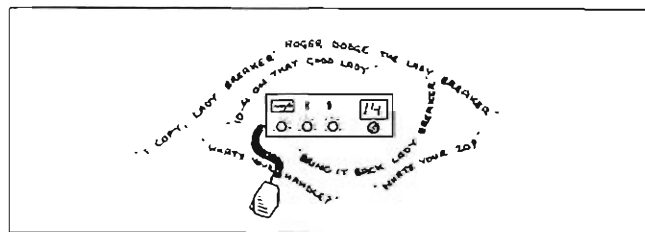




that we decided would have to do as we were bursting to go out and try it. We tanked up with petrol and set off in the wheels.

By now, kind readers, you are probably thinking we rode into the sunset and lived happily ever after. No such luck. We had a rig and, after some hassle, an antenna. But no breakers. No-one would talk to us. We could hear voices as White Golly, Robin Hood and Valentino chatted away but it all went quiet as The Doughnut went on. They were obviously wary of a new voice that no-one recognised. It was just as well we had a tank of gas, as we used it all that night, with a little voice crying in the wilderness "Breaker one four, one four, anyone got a copy on The Doughnut". In the end we headed for home filled with disappointment. Just as we got near home I asked if I could have a go and although he looked at me as if to say 'It's my toy and I haven't played with it yet' he said O.K. He also said I wouldn't find anyone to talk to. So for the first time I sat with my hand on the mike and keyed the button and very nervously said the magic words. About half a dozen breakers came back! "Yeah come back the lady breaker, 10-4 on that good lady". Which just goes to show that men haven't got equality, whatever they may think. As shyness isn't my strong point, I soon got the hang of it. When he'd finished hopping about in rage and envy, The Doughnut had a go too. I still never miss the chance to tell him I was on channel before him.

After that there was no stopping us. I knew I was hooked when I got sideways glances at work for absent mindedness saying "that's a four" and "breaker break" on the phone. The Doughnut, of course, was hooked before he even started (even if he doesn't like being referred to as my seat cover). He has put all his energy into it and the house looks like NATO commun-



ications centre at times. What's worse I'm even *encouraging* him.

For over a year our life has been dominated by C.B. and we have more friends and a better social life than we ever did before. Unfortunately there have also been some bad times with good friends busted and prosecuted. So far we've been lucky, although we did have a scare one night. There was a loud knock on the door and we could see a dark blue outline through the frosted glass. I dashed into the living room to hide and lose as much as possible, whilst The Doughnut squared his shoulders and opened the door. The Salvation Army man looked very surprised at the look on his face.

So, do Wives (or seatcovers, beavers and XYL's) and C.B. mix? Yes - perhaps too well in my case as I'm getting more involved with the W.L.B.C. and there doesn't seem to be a free evening. The only thing worrying me is, what is he going to turn his attention to next? He's getting very interested in lasers . . .

SUZIE Q

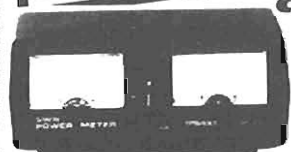
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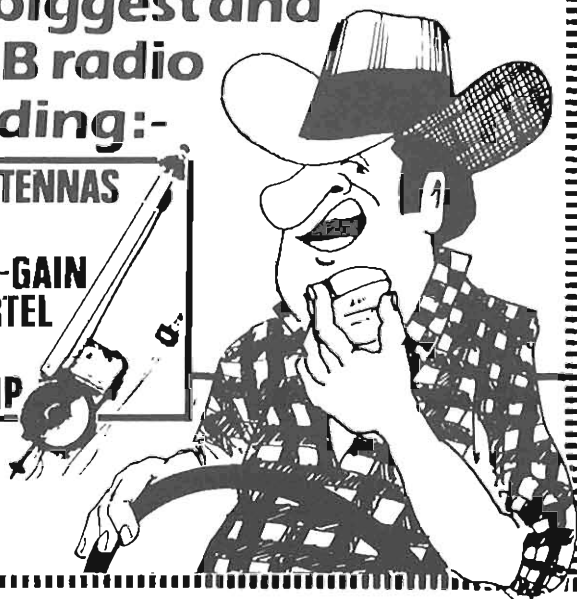


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# Club Spot

## The Elite Breakers Club

We invite and welcome you and your seatcover to the Elite Breakers Club.

In the past we were just a small bunch of CBers who got together out of sheer friendship for a laugh and a drink and have now decided that through lack of CB clubs in this 20, we would like to extend our friendship to you our good buddies who we have made friends with over channel on our ol' CB rigs, so we all put our heads together and came up with the idea of a club.

Well we have found a pub and a landlord who is willing to put up with the chatter about CB all night. It will make a grand place to start a club and we are looking forward to your company. The good news is that it will not cost you a penny to join, as membership is free. Also there is no entrance fee as we do not have any overheads. Membership cards are being printed and a handle sheet is in the process of being put together. We already have 27 members and hope it will increase with every meet 10-4. By the way the address of the club is "The Windmill Public House, Lambeth High Street, S.E. 1." For those breakers who are not too familiar with this area it is behind the Lambeth Fire Station, which is south side of the Thames, between Lambeth Bridge and Vauxhall Bridge. On reaching the pub you will find us all in the saloon bar. If you can not find Lambeth High Street it is map reference E.3 page 75 of the A-Z.

The Elite Breakers Club will give you the chance to meet other breakers socially, there will be no committee to tell you what to do, no fantasy tales about CB being legalised on such a date and no one member is number one. We are all equal, it is your club as much as anyone else's.

Each month we will try to bring out a news sheet to inform you about convoys and outings etc.

The Elite Breakers do like a convoy, we have had 4 major ones so far, as well as a few small ones, we try and have one a month to various seaside towns, the last one was to Margate and the other three to Brighton. The next one is to a 20 of a few good buddies we eyeballed at the demo at Trafalgar, they invited us down for the night, and said that they would make us more than welcome.

As Citizen Band Radio is a dirty word to the Government of this country we have decided to come out in the open about the 20 of the club, in the end they would have found it out anyway so at least something good is coming out of us being truthful. It saves the wasting of tax payers money on trying to find us.

No rigs in the Club please for obvious reasons.

Anyway good buddies, not much left to say except see you next Wednesday.

10-10 till we do it again, bye-bye we gone.

## Bay City Breakers

Dear Sir,

Congratulations on your magazine, the first in Britain. I thought the first issue was very enjoyable and I wish you all the success in the future. I myself am a CB nut and am presently president of the local CB club, The Bay City Breakers, we formed this club in March 1980

and now have over 500 members. Bay City (Portstewart) is just one of the many towns in N. Ireland to have a club, many are as big or bigger than ours. CB has really caught on over here, and every day there are a host of new breakers on the air.

As we live in a country polluted by terrorists, CB has broken down many religious barriers and is helping to solve the N.I. "problem" by dispensing with bitterness and bigotry which has for so long haunted this fair land. Most of the clubs in N.I. show responsibility towards the police and security forces by insisting that their members don't mention the location or position of any road blocks etc. Over here it would be very dangerous to give out police position and our club severely reprimands any breakers breaking this major club rule. We also approached the local councils and got them to pass a motion supporting our efforts to legalize CB. We have also been in contact with our M.P.'s and they are offering their support. Most of our clubs have good relations with the police, and so the 'smokey's' tend to ignore us provided we don't annoy or interfere with their work.

Within our club we have a DXing club and a lot of SSB breakers attend these meetings. Maybe some good buddies reading the magazine have copied some of the good buddies in the Bay City Breakers. We hope to have our own P.O. Box soon to enable QSL cards to be sent to the breakers. I would like to finish by saying to any of the breakers out there that may be heading to this land, bring your ears and give us a shout on 30, you will be made most welcome and I can assure them of as much assistance as we can possibly provide. I hope to hear from some of you good buddies soon, as the holiday season is coming up, but until then it's 10-10 and the Yellow Dragon's gone Breaker-Break.

All the 73's and 88's  
THE YELLOW DRAGON, Portstewart, N. Ireland

## Edinburgh Citizens Band Radio Club

Dear Sir,

Your new CB Magazine has been given a big vote of confidence by all concerned in the Edinburgh area. I took ten copies to the local Club and within a minute they had all been taken.

After saying all that I would like to introduce myself and Susan. We were active on channel as 'The Bandit' and 'Artful Dodger' for about six months until we realised everyone was so interested in breaking the local Club had collapsed. We took the heart-breaking decision to go 10-10 off the channel and put all our efforts into the new Club. We have an old rig in the car (minus transmit section) and a base loader on the roof so that we don't miss out when the breakers have an eyeball.

The Club meets once a month at the Alcove Inn, 93 Clerk St., Loanhead. The landlord is a CB enthusiast and he turns the pub over to us for the whole evening. Everyone is welcome and we advertise the venue in the press and on local radio so no rigs. We have a short discussion for about an hour then we break-up for a ratchet jaw and play pool, darts and space invaders. At present we have thirty members and this is growing at

each meeting.

We are now formulating a legalisation campaign called 'Operation Teamwork' concentrating on local MP's and the Big Three at Westminster. Already we have the support of two local MP's, Mr Michael Ancram and Mr Gavin Strang. Going through the planning stage at the moment is a CB Carnival to be held in Edinburgh at the beginning of September. Our social programme is well under way with skittles, disco, films and visits organised.

Till the next time, have a good time.

JIM MARTIN  
Secretary

## West Coast Breakers

This club was started about three months ago when CB started to take off in the west coast of Scotland. The club was formed to provide a central meeting point to exchange information and points of interest.

Glasgow at the beginning of the year had about forty or so diehard breakers, but now as I write there has to be upward of 400 or so breakers and more everyday.

In the west we break on 14 but there are moves to also break on 25. In the Strathclyde area there are a few hot spots where the Home Office and Buzby have a great success rate (one bust a week) that is bad news for us and must be a very expensive project, as in court cases there has to be two officials to appear as witnesses for criminal charges to be brought against the offender. Not to mention the time taken to track them down.

Finally this magazine is the best. But, and I am sorry to finish on a sour note, on page 8 and 9 reference was made to England instead of Britain, this is a touchy point North of the Border.

Whoops, P.S. almost forgot, contact can be made on channel 14, west of Glasgow anytime for new members.

Yours truly,

STAR CRUISER, GREENOCK, DUNBARTON.

## The Carshalton Club

The Carshalton Club has been formed for almost a year and has a membership to date of about 350 plus.

We meet on Thursday nights at a public house in the Carshalton area, for the exact location you will have to make an eyeball!

We have a free disco once a month for members and their guests. We do not go along with the official campaigners for CB or Open Channel, as they want to call it, on a VHF frequency.

We have a CB frequency.

The world has a CB frequency.

The 11 metre band is the CB frequency.

Turn on any short wave radio from 26-28 MHz and you will hear millions of citizens using their frequency. Legal or not, throughout the world CB on 27 MHz is here to stay and the sooner the authorities recognise this fact the better.

Anyway, enough said on that subject for now, if you want to meet a lot of nice people for a drink and a chat in your own club room on a Thursday night, see you at Carshalton!

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88's THE ICED DIAMOND  
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# The Official CBers Ten Code

Actually for Britain that should read The Unofficial Illegal CBers Ten Code

Now many of you reading may think as we did that almost every CBer knows the Ten Code, or at least all of it you are ever likely to need. After all you can normally pick up the relevant or most commonly used Tens from just monitoring. But judging from the requests we have received to print it, this is not so. Which is not surprising when you take a look at the amount of Tens one could use or would have to memorise to know the whole list.

But there's always one who boasts he knows the whole code off by heart and is liable to say I don't need to read that. Well if that applies to you then you're a better man than I am, or should I say more dedicated. Which is not hard, but what I meant was, we received a letter from a would be breaker, in it he used practically nothing but 10 codes, see opposite page, "CH, Gloucester", anyway I had to look up the Ten code to decipher it. Go on try it for yourself and see if it puts your brain into a 10-3 condition.

But seriously folks, how many of you know what a 10-36 is. I know that two years ago if I put out a break for a 36 in my area I would have been understood and if someone could copy I would have got a come back. The reason for this? Well I guess there were a lot less breakers on channel and those that were, were always trying to catch each other out with Ten codes and channel jive, and god help the new breaker, talk about wind ups.

But then the reason's obvious, they were a small, dare I say it, "elite" group, and as such very into CB slang. Nowadays a lot of the slang is dropping, but so has the knowledge of Ten codes, a break for a simple 10-32 can bring nothing purely because everyone who can copy you doesn't understand you, which unfortunately makes you think you need a 10-32. A sort of catch 22 situation.

Ten codes have their uses, and if the airwaves are going to continue to receive new breakers at an ever increasing rate, then Ten codes are needed more than ever. After all a simple "Break for a 10-13" if understood is liable to get a better response on a crowded breaking channel than "Breaker here looking for a traffic report, anyone copy."

Probably the biggest problem with the Ten code is deciding from that massive list which ones to memorise and use regularly, or which you are liable to use and which you should know just in case. Well to try and make it easier we have printed the whole list and then picked out the more important ones on a general basis. So 10-10 till we do it again with the Q codes.

## TEN CODE Used by CBers

10-1	Receiving poorly	10-44	I have a message for you (or for _____)
10-2	Receiving well	10-45	All units within range please report
10-3	Stop transmitting	10-46	Assist motorist
10-4	OK, message received	10-50	Break channel
10-5	Relay message	10-55	Intoxicated driver (DWI)
10-6	Busy, stand by	10-60	What is next message number?
10-7	Out of service, leaving air, not working	10-62	Unable to copy, use phone
10-8	In service, subject to call, working well	10-63	Network directed to —
10-9	Repeat message	10-64	Network is clear
10-10	Transmission completed standing by	10-65	Awaiting your next message
10-11	Talking too fast	10-66	Cancel message
10-12	Visitors present	10-67	All units comply
10-13	Advise weather/road conditions	10-68	Repeat message
10-16	Make pickup at _____	10-69	Message received
10-17	Urgent business	10-70	Fire at _____
10-18	Anything for us?	10-71	Proceed with transmission in sequence
10-19	Nothing for you, return to base	10-73	Speed trap at _____
10-20	My location is _____	10-74	Negative
10-21	Call by telephone	10-75	You are causing interference
10-22	Report in person to —	10-77	Negative contact
10-23	Stand by	10-81	Reserve hotel room for
10-24	Completed last assignment	10-82	Reserve room for
10-25	Can you contact	10-84	My telephone no. is
10-26	Disregard last information	10-85	My address is
10-27	I am moving to Channel-	10-88	Advise phone number of _____
10-28	Identify you station	10-89	Radio repairman needed at _____
10-29	Time is up for contact	10-90	I have TV interference
10-30	Does not conform to FCC rules (not applic. to UK)	10-91	Talk closer to mike
10-32	Radio check	10-92	Your transmitter is out of adjustment
10-33	EMERGENCY TRAFFIC AT THIS STATION	10-93	Check my frequency on this channel
10-34	TROUBLE AT THIS STATION HELP NEEDED	10-94	Please give me a long count
10-35	Confidential information	10-95	Transmit dead carrier for 5 seconds.
10-36	Correct time is _____	10-97	Check test signal
10-37	Wrecker needed at —	10-99	Mission completed, all units secure
10-38	Ambulance needed at —		
10-39	Your message delivered	10-100	Restroom stop
10-41	Please tune to Channel-	10-200	Police needed at _____
10-42	Traffic accident at —		
10-43	Traffic tieup at _____		

The Ten Code can be used to ask or answer a question  
i.e. I will give you a 10-94

**The More Regularly Used Ten's**

10-1 Receiving poorly	10-20 My location is _____
10-2 Receiving well	10-27 I am moving to Channel
10-3 Stop transmitting	10-32 Radio check
10-4 OK, message received	10-33 EMERGENCY TRAFFIC AT THIS STATION
10-5 Relay message	10-34 TROUBLE AT THIS STATION HELP NEEDED
10-6 Busy, stand by	10-36 Correct time is —
10-9 Repeat message	10-100 Restroom stop
10-10 Transmission completed standing by	
10-13 Advise weather/road conditions	

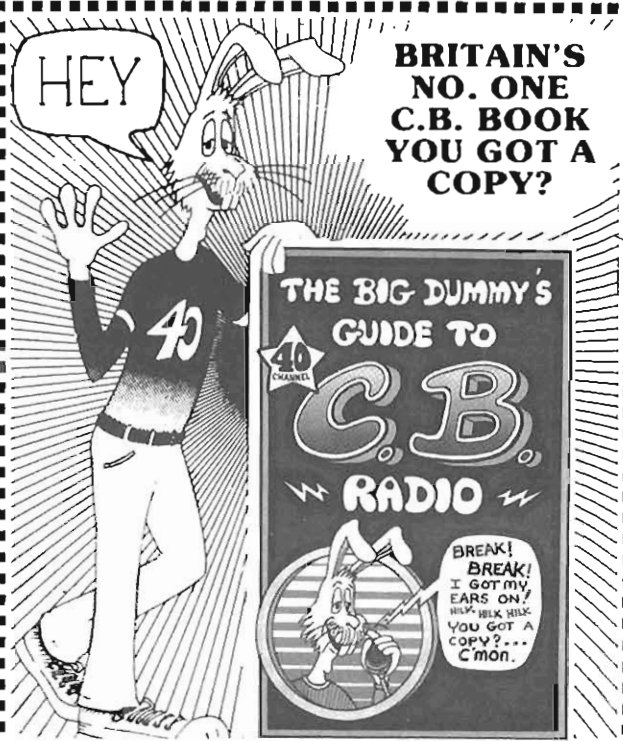
Dear Sir,

At the present moment I only monitor CB with a converter, but I have high hopes of becoming a breaker in the not too distant future. I do though, have a 10-19 with a Good Buddy who recently showed me a copy of your mag that's 10-8. It's very pleasant to see how CB is taking off in this country, and why not, almost every other country in the world has it, and that's a big 10-4. The main reason for this 10-19 is to get your 20 and place a regular order. Hope you have me 10-2 and please do a 10-16. Meanwhile I will do a 10-5 for your mag. All the good numbers to you all out there.

CH, TEWKESBURY GLOUCESTER

Thanks for letting us know you care CH, we did find your letter interesting although I think some of your ten code is in need of a brush up, I still don't get what you mean by 10-16, but we did get your 10-2, hope you keep reading us. Is that a 10-4. 10-10.

ED



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# Vultures on the Side



## Official/Unofficial burglars or car thieves, is this Britain?

The police in Britain do a good job and it's a thankless task. Motoring offences are probably the biggest reason for any disrespect to the uniform if not the man/woman. Ask the average driver and he is always wary of the police car on his tail or will readily curse the police for that speeding ticket or endorsement he collected in a moment of bad judgement. Of course there's always the more serious driving offences, but the offender will normally admit his law breaking and accept it.

Ask anyone and they are almost always bound to say that the British police force is the best in the world. However CB is growing, growing at an alarming rate, CBers don't believe themselves to be criminals and are cautious of the law knowing they break it. Contrary to public opinion, CBers are normally decent and upright citizens. On the whole they don't know their rights, how many CBers have had their rig confiscated by police not knowing that the police have no power of arrest for CB and no jurisdiction to confiscate the tranceiver? Yet they all accept it as part of life, part of our judicial system, part of being a CBer.

But there's playing the game and there's just plain over stepping the mark. Mr. Craft of Herts sent us a short and factual account of what happened to him one Saturday night, read on and hope it doesn't happen to you unless you have the money to fight the case.

JOH.

Saturday started as any other day, that evening I had been invited to a party and had arranged to meet my friends at a local pub. After parking my pick up in a car park, I went inside and joined my friends. We were all in a good mood and looking forward to the party. As with all good parties it didn't start until after kicking out time. I must confess that I started to drink quite early and had put quite a few away by the time it was getting near closing.

Being quite conscientious about drinking and driving I had arranged earlier to go on to the party with one of my friends. So when closing time came we all piled into his vehicle, I left my pick up in the car park, the landlord knew me and my vehicle so it would be reasonably safe. The party turned out to be a real humdinger and went on very late. Our driver decided to have a few drinks and we all agreed to stay the night and help clear up in the morning.

The next day we managed to get the mess cleared and decided to have a lunch time refresher at the local. As we drove up I could see my pick up still where I had

parked it, it's nice to reassure yourself that your car is safe after you have left it in a strange place for so long.

In the pub I was greeted by the landlord and learned of the antics of the local constabulary. During the night they had inspected the vehicle and checked it was not stolen. I presume at this time they must have noticed my rig, although they didn't do anything, or ask the landlord whose vehicle it was. Instead they returned early on Sunday morning and broke into my car. Where they then removed my CB tranceiver without so much as a by your leave, and without even seeing me, let alone ask my permission.

My vehicle was not damaged although they did make rather a hash up of removing my rig. There was nothing I could do at the time so I decided to have that drink. As other friends arrived they told me that the police had been to my house and to the party and left word that I had better contact them about a serious offence. You can imagine how I felt, I hadn't had the rig that long and I knew it was illegal and I had heard rumours of £400 fines and even prison sentences.

I phoned the police station and arranged a meeting which later involved the GPO and the Customs and Excise. They both took statements asking when, where and how many times I had used the set, where I got it from and so on. Then the C & E confiscated my rig and I was told that I would receive a summons.



At the time I did not know what action the police can take as regards CB, now I feel that their breaking into my vehicle was darn right disgusting and they certainly had no right. In fact it amounts to them stealing and in fact breaking and entering. My car is my private property and they surely must have broken the law when they broke into my pick up. Even though the equipment they took was illegally imported.

M. Craft.

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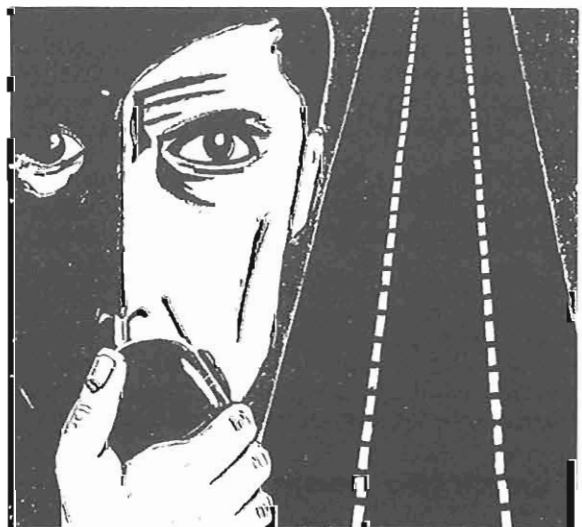
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# The Choice of a Radio Frequency Band

by Walter Srevenson Director – Government and External Relations – Air Call Limited, Technical Advisor – Mobile Radio Users Association – MRUA.

The decision in the USA in 1945 to allow citizens the right to communicate freely using the Radio Frequency Spectrum was a fundamentally important step.

The US Federal Communications Commission after consideration allocated frequencies in the UHF Bands Class A 460-462 MHz and Class B 460-468 MHz. Citizen Band was then launched on the 10th of April 1947, 50 channels were available FM with 50 kHz channel spacing.

However the public found these early radio sets unreliable and in the first year they became used as toys, or for very short range communication between members of a family or friends. Pairs of portables were the most popular sale.

Eleven years later the F.C.C. decided to authorise the use of a new band so the International ISM (Industrial, Scientific and Medical) spectrum was allocated and on the 4th of August 1958 Class D citizens band became available with 23 Channels in bands 26.960 - 27.280 MHz AM with a 10 kHz channel spacing.

The UHF FM radios had proved to be unpopular and as a result the US-FCC reduced the number of channels from 50 to the present allocation of 16 for Class A and B – CB.

27 MHz AM was initially used as the earlier UHF FM had been and were also sold in pairs of portables. However mobile radios fitted to vehicles were used by businesses and in particular truckers. Agricultural interest was also high, CB offered a cheap alternative to private mobile radio equipment previously available.

## The came the boom

The fuel crisis and the 55 MPH speed limit in the USA (part of energy Act of January 1974) – caused the development of the new concept of people to people random communication. The truckers used CB mobiles show where fuel was available and where speed traps were laid. With the crisis came publicity and more and more motorists joined the ranks of the CBer listening in on the truckers and thus reading the highway. The availability of cheap 27 MHz mobile units in retail outlets throughout the USA, and easy fitting, undoubtedly led to the big boom in CB. Undoubtedly led to the big boom in CB.

The fact that UHF-FM mobiles were available from the start in 1947 with initially 50 channels proves that radio specification and frequency band are secondary. Even today 16 UHF channels are available with top

quality 25 kHz FM mobile units, yet the market still buys the 27 MHz AM. As a result the FCC was forced to increase Class D 27 MHz channels to 40.

## The Allocations in 27 MHz

ITU Radio Regulations (International Telecommunications Union) designated the frequency bands 26.175 MHz to 27.500 MHz as Primary Fixed and Mobile, except aeronautical mobile. This allocation applies to all regions worldwide.

Part of the band 26.957 - 27.283 MHz is designated for ISM – Industrial, Scientific and Medical applications under ITU.

CB mobile and fixed service is therefore possible sharing with ISM but must accept interference caused by ISM equipment and devices, such as RF Heating and Welding, Medical Diathermy and garage door openers etc.

The ISM band is generally unlicensed, control is therefore difficult, users have to accept interference. For this reason licensed services such as radio model control and radio paging should not really be using this band as a licensed service as the government cannot give any assurance or protection and therefore reliable service.

The CB service is essentially one of improvisation and “uncontrolled” use by the general public and when given a choice, as in the US, they voted with their feet into 27 MHz - ISM band despite the problems. Channels in UHF always being available.

The current allocations in the frequency bands 26.175 MHz - 27.500 MHz are given in Table 1. The table shows international allocations and national allocations in the UK and USA. The recommendations of CEPT are also given.

## ITU re-shuffle 41 to 45 MHz

A significant change was agreed at the 1979 ITU World Administration Radio Conference in Geneva:-

1. Broadcasting was deleted from the frequency band 41 MHz - 47 MHz.
2. Fixed and Mobile was established as the primary service in band 41 MHz - 47 MHz.
3. France, Monaco and UK were permitted to allow broadcasting until 1 January 1987.
4. Land Mobile was added as a permitted service in the broadcast bands 47 MHz - 68 MHz and 174 MHz - 230 MHz in the Western European countries



including the UK.

So now television transmitters in the Band 41 - 47 MHz have to be phased out by 1 January 1987 at the latest. In fact they could be switched off in the UK within weeks of a decision by the Home Secretary.

In the main service areas the 405 line service is already duplicated on 625 line UHF. The cost of maintenance and additional power consumed is excessive.

Further no 405 line TV sets have been manufactured anywhere in the World for the last 15 years. UHF or dual standard has been mandatory.

In areas where only VHF reception is currently possible, the Band 1 Channel 1 transmitters could be re-tuned to another VHF Band 1 Channel until phased out in January 1987.

The Irish Republic took the decision last year to switch off the entire 405 line system, with exception of 3 Low power transmitters in Band III - 174 MHz - 225 MHz in County Donegal.

The following table gives details of allocations and broadcast television services in the UK and surrounding countries.

### The Conclusions

The choice of the Frequency band for the UK, depends on products being manufactured at an economic price and in a band that export could be possible to world markets. If the Japanese or US could not produce a competitive product to 460-468 MHz with their huge market in the USA how could the UK manufacturers addressing a very much smaller market

## List of Television Transmitters In Service - 1980 Band 41 MHz - 47 MHz

UK Channel B.1. (BBC) 41.50 MHz 45.00 MHz 405 Line TV		FRANCE Channel F.2. (TVF-TF1) 41.25 MHz 52.40 MHz 819 Line TV	
LOCATION	ERP* KW	LOCATION	ERP* KW
1. Crystal Palace	200	1. Bastia (Corsica)	10
2. Churchdown Hill	0.25	2. Caen (Normandy)	50
3. Weymouth	0.05	3. Limoges (Central)	200
4. Redruth	10	4. Troyes (Central)	250
5. Kendal	0.025		
6. Scarborough	0.5		
7. Sheffield	0.05		
8. Wensleydale	0.02		
9. Weardale	0.15		
10. Divis	35		
11. Ashkirk	18		
12. Lochgilphead	0.02		
13. Millburn Muir	0.01		
14. Pitlochry	0.2		
15. Ballater	0.01		
16. Thrumster	7		
17. Grantown	0.4		
18. Kinlochleven	0.005		
19. Penifiler	0.025		
20. Llanddona	6		
21. Llangollen	0.035		
22. Carmarthen	0.02		
23. Llandrindod Wells	1.5		

### Neighbour Countries

No transmitters in service or plans to introduce service in the band 41-47 in:-  
1. Ireland  
2. Belgium  
3. Holland  
4. Denmark  
5. Norway  
6. Iceland

NOTE  
All transmitters will be switched off by 1 January 1987 by International agreement.

\* ERP  
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KW:  
Kilowatts

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# The Choice of a Radio Frequency Band

**TABLE 1**  
**Allocations in Radio Frequency Band**  
**26.175 MHz - 27.500 MHz**

ITU World Wide	U.S.A.	U.K.	C.E.P.T.	Notes	
26.175					
26.960	26.965 ZD	26.960 PAGING	26.965 SUP PR27	<b>*Note 1</b> ITU primary fixed and mobile except aero mobile	
	26.975 ZD	26.978 PAGING	26.975 SUP PR27		
	26.985 ZD		26.985 SUP PR27		
	26.995 ZC		26.995 TELEMETRY		
INDUSTRIAL	27.005 ZD	27.003 PAGING	27.005 PR27	<b>*Note 2</b> ZC: A station licenced in the Citizens Radio Service for the control of remote objects or devices by radio ZD: A station in the Citizens Radio Service to be operated for radiotelephony.	
	27.015 ZD		27.015 PR27		
	27.025 ZD	27.028 PAGING	27.025 PR27		
	27.035 ZD		27.035 PR27		
	27.045 ZC		27.045 TELEMETRY		
	27.055 ZD	27.053 PAGING	27.055 PR27		
	27.065 ZD		27.065 PR27		
	27.075 ZD	27.078 PAGING	27.075 PR27		
	27.085 ZD		27.085 PR27		
	27.095 ZC		27.095 TELEMETRY		
SCIENTIFIC	27.105 ZD	27.103 PAGING	27.105 PR27	<b>*Note 3</b> Model Radio control permitted in Band 26.960MHz-27.280 MHz.	
	27.115 ZD		27.115 PR27		
	27.125 ZD		27.125 PR27		
	27.135 ZD	27.137 PAGING	27.135 PR27		
	27.145 ZC		27.145 TELEMETRY		
	27.155 ZD		27.155 SUP PR27		
	27.165 ZD	27.162 PAGING	27.165 SUP PR27		
	27.175 ZD		27.175 SUP PR27		
	27.185 ZD	27.187 PAGING	27.185 SUP PR27		
	27.195 ZC		27.195 TELEMETRY		
& MEDICAL	27.205 ZD		27.205 SUP PR27	<b>*Note 4</b> PR 27: The European equivalent of the American ZD. SUP PR27: Supplementary PR27.	
	27.215 ZD	27.212 PAGING	27.215 SUP PR27		
	27.225 ZD		27.225 SUP PR27		
	27.235 ZD	27.237 PAGING	27.235		
	27.245 ZD		27.245		
	27.255 ZD		27.255 TELEMETRY		
	27.265 ZD	27.262 PAGING	27.265		
	27.275 ZD		27.275		
	27.280	27.285 ZD	27.280 PAGING		
		27.295 ZD			<b>*Note 4</b>
	27.305 ZD	<b>*Note 3</b>			
	27.315 ZD				
	27.325 ZD				
	27.335 ZD				
	27.345 ZD				
	27.355 ZD				
	27.365 ZD				
	27.375 ZD				
	27.385 ZD				
	27.395 ZD				
	27.405 ZD				
27.500					

ITU = International Telecommunications Union.

CEPT = Conference of European Posts and Telecommunications.

Any proposal for the UK must consider the realistic market conditions:-

1. Availability in quantity through retail outlets radio/TV retailers, garages and supermarkets.
2. An economic price the public will pay. Less than £150 and probably under £90 as an average price.
3. Simple licencing procedure like TV licence self financing only, no cost to Government.
4. Specification of equipment designed to protect other licenced users of the radio frequency spectrum
5. Simple type approval procedure by industry base type testing laboratory, no costs to government.

## Recommendations

I personally would recommend the immediate closing of Band 1 Channel 1 41-47 MHz and its openings for land mobile services.

1 MHz or 40 channels to be allocated to CB - Open Channel Radio.

The balance to other Civil Land Mobile Radio Services.

The fact still remains that if positive action is not taken by the Home Office Radio Regulatory Department, 27 MHz will be established by default.

W.K. STEVENSON

really be able to compete?

Further the use of higher frequency bands involve more expensive products and complications in obtaining international agreement to permit mobile services in many key countries.

The choice also becomes very limited as international agreements take many years to negotiate.

An analysis of the radio frequency spectrum from 25 MHz-1000 MHz shows that the most suitable band internationally available is the band 41.015 MHz to 47 MHz. The ITU WARC 79 confirmed this band as a fixed and mobile primary service. World wide broadcasting has been deleted.

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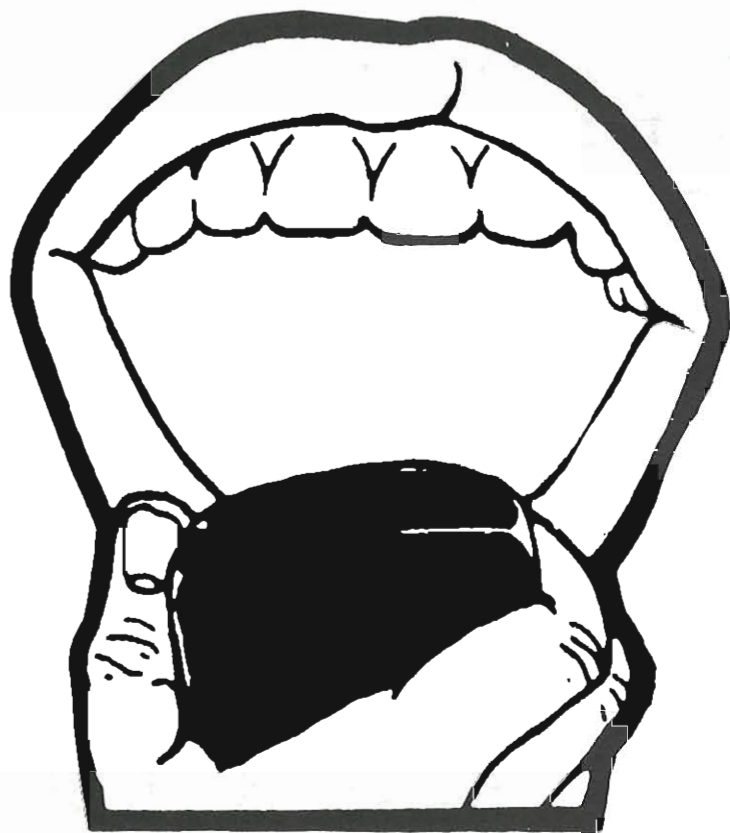
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# National Committee for the Legalisation

Preferred specification for U.K. CB Open Channel Radio service equipment drawn up by the Technical & Industrial Sub-committee June 80.

Meeting under the chairmanship of Richard Town GLC at County Hall, delegates from campaign clubs around the country plus representatives from major British manufacturing and retailing electronic industries got together and produced their own preferred specification.

The specification provides for the simplest hand held 'walkie-talkie' to sophisticated radio stations capable of operating from your home or car. Special emphasis is placed on the educational advantages legalisation of CB Open Channel Radio will bring, particularly in advancing a wider awareness of electronic techniques.

Following rumoured developments in Europe, the group specifically *rejects* a frequency around 900 MHz, which the UK government have suggested and indeed prefer.

Mr. Town, who is also technical adviser to the parliamentary working party on CB radio said, "Putting CB Open Channel Radio on frequencies as high as this is like asking CB'ers to signal with a torch. Such a frequency gets easily absorbed by buildings, trees and hills; therefore only giving a maximum urban range of about 300 yards. The cost of such equipment would be out of range of Mr. Average even when made in vast numbers. I understand that frequencies this high may even cause minor harmful medical effects."

## 1. Introduction

This specification is the result of several meetings of the Technical & Industrial Sub-Committee of the National Committee for the Legalisation of Citizens' Band Radio. This preferred specification is offered in response to the public consultation exercises carried out by the Greater London Council and H.M. Government.

The specification was produced by delegates representing independent C.B. campaigning clubs around the U.K. and delegates from manufacturing and retailing organisations both at home and abroad. (See No.16, Delegates to the Committee).

## 2. Definition

A Citizens' Band service was defined by the National Electronics Council in their report published in the May-June 1978 issue of "National Electronics Review" in the absence of further information we have taken

the same definition to apply to "Open Channel".

"A short range radio communications service available to private users (but not excluding the small business user) at an acceptably low cost and with a minimum of formality. The quality and reliability of service and the probability of achieving the desired contact need not be as high as is required by emergency services or for security or major business communications. Ideally it would be introduced in such a way and with such characteristics that with little or no policing, it did not cause unacceptable interference to any existing radio service or to other electronic equipment".

## 3. Acknowledgements

We are grateful for prior work done in this field and assistance and information for the committee by:

National Electronics Council  
National Microprocessor & Electronics Centre  
Radio Society of Gt. Britain  
Consumers Association  
B.B.C. Engineering Information Dept.

Mr. N.A.S. Fitch, plus the many others who through their attendance to the committee have ratified this preferred specification.

## 4. General

The minimum requirement for the simplest set would be a single channel F.M. transceiver. The specification provides for a variety of equipments in various degrees of sophistication. We have been particularly aware of the educational advantages a greater knowledge of communications will bring - obviously in the field of electronics.

We believe that many Open Channel users will progress to becoming licensed radio amateurs and perhaps to a career in this technology.

We are also aware of the disenchantment European users have for 27MHz band. An opportunity exists, should the Government and Europe decide to move swiftly for a major export market to open.

We find it frankly silly for signatories to the CEPT conference to bar entry into each others states C.B. equipment not made there but complying with PR27. Strong representations have been made individually to members regarding this.

## 5. Frequency

An exclusive allocation anywhere within the spectrum of 40MHz to 500MHz. In particular special emphasis has been made of the possible availability of the TV Band 1. (41MHz to 68MHz.) In particular we believe an open channel service may be swiftly introduced in channel 1 (41.015MHz to 47MHz).

This channel at present accommodating one old style 405 line TV channel could also provide some extra frequencies for mobile radio in general.

U.H.F. frequencies (900MHz) are specifically rejected on grounds of additional cost of equipment, propagation characteristics and possible harmful medical effects.

We support the Governments statement rejecting the 27 MHz band, but are concerned over the number of imports.

## 6. Service

Single frequency simplex. The expected range of a set made under the following specification is 3 to 5 miles.

## 7. Emergency/Calling & Watch Channel

The fitting of this channel to be obligatory. It should be designated at the band centre.

## 8. Mode

- a  $\pm 5$  KHz deviation frequency modulation.
- b Upper or lower single sideband.
- c Telegraphy by the means of on off keying either of the modulation content of (a) or (b) or of the carrier alone is not excluded.

FM is the preferred mode with S.S.B. and telegraphic modes as optional additions.

## 9. Power Output

Maximum 8 watts for a frequency modulated or telegraphic unmodulated mode root mean squared.

Maximum 8 watts for a single sideband mode peak envelope power.

## 10. Encoding Device

If required to be obligatory, an encoding random device which should be integral with the transceiver. It should provide a maximum of 150 mSec duration audible burst at the commencement of transmission. Envisaged is a random coded integrated circuit providing a minimum number of differing codes of 230. This signal must be capable of being tape recorded.

## 11. Channels

Given 25 KHz channel spacing, the exclusive allocation should provide 40 channels FM and therefore 80 channels SSB within the same band. Common practice should be to commence with numbering at channel zero.

## 12. Receiver Sensitivity

If a minimum standard is to be obligatory, receiver sensitivity should be not less than 1uV for 10 db SINAD.

## 13. Squelch

The receiver section shall be fitted with a squelch.

## 14. Spurious Emissions

Transmitter. FM, SSB and CW. Shall not exceed 20 nW out of band, anywhere outside the open channel band.

Anywhere within the open channel band.

On any channel other than that selected, 1 uW (reference load = 50 ohms)

## 15. Possible Interference

Guidance on adjacent channel selectivity, frequency stability over a given temperature range and other design parameters which are not germane to the minimising of any possible interference to other authorised users outside of the open channel may be obtained from the C.E.P.T. specification 'PR27'.

## 16. Delegates to the Committee

### Industry & Retail

Aircall Ltd.  
Amstrad Consumer Electronics  
Electronic Techniques Ltd.  
Autocar Electrical Equipment Ltd.  
Fidelity Radio Ltd.  
Mobile Radio Users Assn.  
United Breakers Assn.  
Modern Magazines Ltd. (Hobby Electronics)  
Norse Audio Systems Ltd.  
Philips (Audio) Ltd.  
Prosser Scientific Inst. Ltd.  
Pye Telecomms. Ltd.  
Radiomobile Ltd.  
Sanyo (UK) Ltd.  
Society of Motor Manufacturers & Traders  
(In Car Entertainment)  
Stellar Components Ltd.  
Tandy Corp.  
Voxon Audio Ltd.  
Western Electronics (UK) Ltd.  
Wintjoy Ltd.  
Woolworth & Co. Ltd. F.W.

### Clubs and Groups

The Citizens' Band Association  
The C.B. Radio Action Group  
Harrow & Wembley C.B. Group  
Midlands C.B. Radio Club  
S.B.S. Twickenham  
The 10-4 Club  
U.K. C.B. Campaign

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EVENINGS**

# Readers Write

Dear Sir,

I think the feelings expressed by Matchbox need answering, sure actual breakers not enthusiasts or Sunday breakers use American Slanguage, but a lot of our everyday words are American anyway.

Also our own homegrown words are appearing – Custard, Custard Tart, Jamjar, Jam Sandwich, etc. and down in Kent I haven't yet heard any of our breakers trying to talk with an American accent.

CB is not just a transatlantic craze, but a world-wide one, so let's not moan because it's American but be thankful we can understand their slanguage.

I hope Matchbox does get a rig, then he can try and stop the use of slanguage if that's what he wants.

We're on the side  
RAMBLER, Kent

P.S. My own personal hate is Phaser Lasers and Gooney Birds.

Dear CB Mag,

Hooray, and Blah Blah Waffle Waffle Waffle, well what else did we expect from Willie Whitelaw, the man has so obviously been against the whole idea of Citizens Band Radio from the start, the idea that this green paper would at any time be a document for discussion was laughable from the start.

Let's go through some of the salient points raised in the document as presented, the points of objection are I believe, the old myth of interference with other users of 27 MHz. What users? there are none! I know of not one substantiated instance where a CB operator has intruded into a medical or Police transmission, I believe that we, as a completely non-official body, have behaved with impeccable restraint since our inception.

The proposal that we should use 900 MHz should be discarded right away. With reference to your article on page 20, issue 2, I think the Home Secretary should be sent a copy immediately. If the risks to peoples eyes are that serious it should not even be considered, apart from the restrictions on communication and the expense of the equipment, I cannot foresee any manufacturers making sets for such a severely restricted demand. There again it's probably all part of the plan.

Lastly that ridiculous title, Open Channel. Let's hope it goes the same way as the ill-fated Radio programme with the similar name of Open House. I would not be surprised if they also put Pete Murray in charge of it, inevitably with the same disastrous results.

NO THANK YOU MR. WHITELOW, our sympathies are the same as our buddies in South London, we are illegal now, so we'll stay illegal, we will continue to use our American equipment, and use our own CB slang.

If you continue on your present slant you will only be creating another strata of criminal activity. I don't know where the devil you are going to put us all, if it takes the Buzby as long to persecute us as it has for them to find all the people without T.V. licences, we should be able to keep them busy for the next 100 years, after all there are only about a quarter of a million of us at the present, give or take a few thousand, and next year closer to a million. So carry on I will still be on 27.

Breaker Break, 10-10 we'll do it again. I'm gone.

THE HAMPSHIRE RABBIT  
ANDOVER BREAKERS

Dear Editor,

I was impressed by the article on the National Association for the Legalization of 27 MHz, (NAL 27), in issue two. Especially the tactics local clubs could adopt to get our problem known to the public. As yet we haven't formed a club in our city, but it's on the cards and when we do I'm sure we'll join the rest of the country in the fight.

Breaka-Break, we're gone  
THE HORNET, THE BIG G. (GLOUCESTER)

Dear Ed,

As CB radio is perhaps the most emotive subject that is around at the moment, a few words discussing the situation of the radio control (RC) community would not be amiss. These people have been with us for some time and they have the legitimate right to use 27MHz. They have spent out good money on their equipment and should be able to use it. The problem is that 27MHz is so convenient for CB and also the use of 27MHz by other countries, could, in unusual circumstances, cause interference to RC users in UK. It is the considered opinion of a large number of specialists that the only truly satisfactory answer to the dilemma will be to allow 27MHz for CB and transfer RC to a higher frequency with the advantages of smaller equipment size and reduced likelihood of DX interference.

However I feel RC users should be given the option of staying on 27MHz where they can avoid the hazards of CB interference by digitizing their RC equipment. The availability of miniature digital equipment is now so good that any number of producers should be able to supply equipment with the required performance. The disadvantages of 450MHz and 900MHz have all been discussed previously so I shall not repeat them here, other than to say that as more people are likely to use CB rather than RC the fact that RC was here first should not force the decision that CB should be pushed into the secondary position. I am not arguing for CB against RC but for the majority against the minority.

Here's my respects to all the Breakers. I think you are right but I can't afford to join you.

JABBERWOCKY  
Farnborough, Hants.

Dear Sir,

I feel some unease about some of the articles in the first two issues of CB Radio, especially the article on NAL 27. I feel that this, plus some of the attitudes on skip talking and the use of boosters and tweeters do not help the legalisation campaign.

CB was intended for local communication. Interference with other users outside the intended range can only be regarded as irresponsible. It is because of skip that I am not in favour of legalisation on 27 MHz, (preferring something at the lower end of the VHF band).

Yours faithfully  
D.J.E.  
Romford, Essex.



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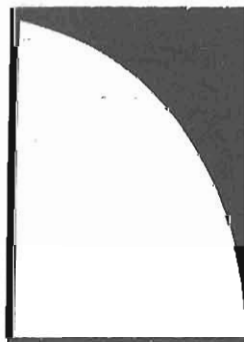
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**CB MOBILE ANTENNA SERIES**

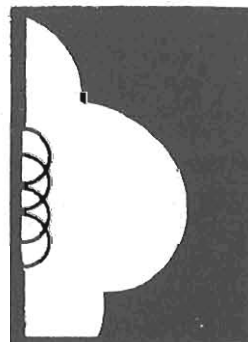
The Rebel 500 antennas..  
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tame antennas!

**3/4 POWER WAVE ANTENNA**

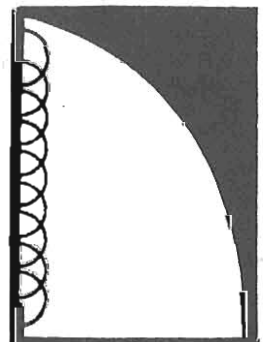
The Rebel 500 CB mobile antenna series is, electronically speaking, an engineered 3/4 wave conductor length in a constant mode helical winding. This produces a power wave with a current field similar to a full conductor length non-loaded antenna. Spaced winding keeps energy forces away from the metal ground plane, preventing field effect and flux lines from absorbing power. Voltage at the field point is at a minimum preventing loss of power through leakage and stray currents. The power goes where you need it...into the antenna (not into the vehicle body!)



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Power wave of center loaded or lump wound antenna



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# Readers Write

Dear Sirs,

One question I have, if I were to go on the air on 27 MHz and the Government, God bless them, were to introduce some other frequency, do you think that some kind of converter will be made available so that I will not lose out.

Sincerely

HONKY TONK "SILENT". Glos.

*I presume at present that you use a monitor that converts your normal car radio. If 928 MHz or over actually came into use this form of monitor would not be available or effective. As for converting a 27 MHz rig into 928, forget it. It would be totally impractical. A 900 MHz transceiver is like comparing a transistor radio with a computer. Hence the high cost of high frequency equipment.*

ED

Dear London Breakers,

I asked a lot of you to put your hands in your pockets for Helen Aspinall, the two year old girl from up north, who is a victim of cancer. The reason, so that we could help enable her have Interferon treatment. Well first of all thanks a 27 MHz (I can't spell million), your response was fantastic to say the least. It's a pity, however, that we have a 10-1 copy from the national press, it's clear that they were not interested in the fact that Citizens Band radio was doing something good yet again, just like the press they only mention Citizens Band when a good buddy gets busted or when a crime has taken place with the aid of two way radio, (Walkie Talkies) which unlike CB sets can be purchased anywhere in the UK.

No, I'm still here, I have not had my FCC five minutes yet. So getting back to little Helen, support has come from the following clubs: The West London Breakers Club, The United Breakers Association, The Silly Breakers Society, The North London Breakers Club, The Croydon U.B.A., The Elite Breakers and The 27 Club.

There has been response from breakers in Milton Keynes and Luton. In fact, good buddies have been busy collecting from all parts of the country.

Disco One went up north on the weeked to present the first cheque, to the value of, wait for it breakers, 250 pounds, the same as the Bardic's number at club memberships. More is to be sent to little Helen, the campaign started off as a sponsorship and people have yet to dive into their pockets.

Mr. Aspinall received the cheque from Disco One and there was a very happy and emotional scene.

Two events raised the cash. There was a cycle ride of one hundred miles from Bury to Blackpool, the return trip must have been a rough ride, as we had our usual summer climate of rain, rain, rain. The other event was a parachute jump, which landed one good buddy in a farmer's field.

Well breakers, I would like to thank you all for your generosity and kindness, any further reports on this campaign you can bet your rig that you will hear from "The Ace Breaker of Ladbroke Grove". In fact this is great, I can modulate with you all without causing TVI, I'm running a S.C.M. Smith-Corona typewriter model (would you believe) Moden No. 250.

That's it for now good buddies.

Ten-ten till we do it again. Keep it clean don't be seen. This is Bardic Shining Green. Going down and gone on the side. Bye bye.

Dear CBRM

We as members of the South Birmingham Citizens Band Club were amazed at the contents of the Green Paper. Our view is that 27 mhz is already an international frequency, i.e, the United States, Canada and Europe. So we are not asking for more, we are only asking for equal facilities which are already enjoyed in other countries.

Governments, both Conservative and Labour, in the past have constantly and consistently ignored us and whether they like it or not we are becoming a major group. The majority of people who are already using Citizens Band Radio in this country should not be considered different from those who enjoy this facility in other countries, and whose only crime is talking from one person to another without prior approval of the Home Office.

True, there are facilities already available for individuals to communicate with each other on private mobile radio telephone networks, but at the present time licences are limited and difficult to obtain, further equipment for use on these frequencies can only be supplied and maintained by a specialist communications organisation, not to mention the cost involved.

It seems to us that the Green Paper is offering the general public nothing more than a facility which is already available to them through the existing Home Office channels. We are the only Country in the E.E.C. that has not yet been allocated Citizens Band Radio on 27, we feel, therefore, that the Government will have to reconsider their position.

27 mhz is here, it exists, and will continue to. We can't be ignored for ever.

R.A. SMITH, SECRETARY S.B.C.B.C.

Hi there you guys!

I found your Mag really interesting even though I am a 'mere woman', (my husband's terminology - not mine!!)

Seriously though, I must admit that I am not really 'in' to all the technical side of CB. I get lost past the SWR! However I keep reading and listening.

My main reason for writing is to get a message across to all 'CB widows', "if you can't beat them, join them". I have heard various females bemoaning the fact that their guys are CB nuts and they never see them. Do what I did, jump in with both feet and have a go. I promise you that you will be pleasantly surprised.

I know that I have made more friends in the seven or eight weeks that I have been on the air, then in the ten months that I have lived in this fair city of Milton Keynes! (And that's the truth!)

I know that you guys will understand me when I say that CB is another world. All the CBers I have met are genuine warm hearted people that treat all comers, whether they be male or female, as equals. I must add that I am not a womens libber - I still like the odd door opened for me or chair pulled out.

I am on channel all day, most days, and can guarantee that each day someone will call me and ask how I am, and generally pass the time of day. In between times it is great fun to just 'copy the mail' and hear everyone else having fun - harmless fun.

I offer but one warning, it's not the ideal pastime for anyone who needs a lot of sleep! It's rarely before 12.30 - 1.00 a.m. that we hit the sack. Not my husbands fault either - it's mine. I just haven't learnt how to switch the damned thing off yet! So my case rests. I really have no defence. I am guilty of being a CB nut.

All the high numbers to you all.

10-10 for now. This is the Heartbreaker from the big M.K. going down. Breaker break, bye bye.

OCT ★ OCT ★ OCT ★ OCT ★ OCT ★ OCT ★ OCT ★ OCT

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<p>A-J TEE Mobile Telecom Systems 86 The Pavement St Ives Huntingdon, Cambs. (0480) 66045</p> <p>Open 12 - 8 Mon - Sun</p>	<p>M &amp; N Electronics 24a Huntley Street Inverness Scotland (0403) 33681</p> <p>Open 9 - 6 Mon - Sat 12 - 4 Sun Late Night Friday</p>	<p>Electro Trading 282 Ecclesall Road Sheffield (0742) 668844</p> <p>Open 9.30 - 5.30 Mon - Fri 9 - 1 Sat</p> <p>Alan</p>	<p>Channel Jive 15 Keyford Road Frome Somerset (0373) 5971</p> <p>Open 10 - 8 Mon - Fri 9 - 6 Sat 10 - 2 Sun</p>	<p>CB Services 239a Wellingborough Rd Northampton (0604) 33936</p> <p>Open 11 - 8 Mon - Sat 10 - 2 Sun</p>

OCT ★ OCT ★ OCT ★ OCT ★ OCT ★ OCT ★ OCT ★ OCT

# The Document

Does anyone want 928 MHz? Or are you all set in your ways?

Opposite you will find a questionnaire, why? We have heard disquieting rumours of clubs phoning up the Radio Reg. Dept. and wishing to put over their views as users. The response they received was not nice, one gent at the HO was most upset and inferred that names and addresses received in answer to the DD would be passed on to the Interference Dept.

We phoned the HO Radio Reg. Dept. and the first chap we spoke to couldn't say. The second time, we spoke to Mr. N. a well known figure in the HO who we have in the past found to be uninformed but well meaning, he said, quote, "We have no system for passing on any addresses to the Interference Dept." Unquote.

Personally I shouldn't think that the names and addresses would ever be passed on, so you probably are safe to write, but in order to avoid problems fill out your questionnaire. Put your genuine name and signature on it, NOT YOUR HANDLE. This will be untracable, you try finding a Samuel White if all you know is he resides in the UK. With a genuine name the HO will consider it as a genuine petition and not a hoax. After all six people could sit down and dream up handles all day, in fact judging by some of the ones we have already received, I'm convinced this already happens.

We will collate all the answers, find out what our readers want, which is nice to know and then pass on the whole bunch as a petition in answer to the DD.

Don't just sit there! Cut the form out, go and photostat it and pester everyone you know into filling it out. DO IT NOW. Okay I know it's hard getting round to posting things, but it's only going to cost you 10 pence and if you put a whole bunch in the post to us you can reduce that cost to only a penny each. SO DO IT. DON'T MAKE EXCUSES.

Enough preaching but you know what it's like getting people to do things. Almost enough said, just one more thing, remember the Government don't want 27 AM but have signed for 27 FM in accordance with Europe. Think carefully what you would like to see as a UK CB. Put your first and second choice and place NO by those frequencies you definitely don't want.

Meanwhile try and dig up a safe address and answer the Discussion Document as well as filling in this questionnaire. That way you have covered yourself both ways.

Regardless of what you think about the Government and their Discussion Document, it needs answering. Our questionnaire is one safe and positive way of answering it. Please use it.

JOH

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A SURVEY BY CB RADIO MAGAZINE  
158c HIGH ST, YIEWSLEY, MIDDX.

I would like to see CB Open Channel legalised here in the UK on a frequency of either:-

PLEASE WRITE  
YES / NO

- 1. 27 MHz FM As agreed by CEPT. Britain is a Co signatory to this agreement. ....
- 2. 27 MHz AM As used by the greater majority of countries world wide. ....
- 3. 41 MHz to 47 MHz Presently used as the BBC 405 line Band 1 channel 1 Black and White TV transmissions. WARC re-allocated as Fixed and Mobile with reserves to shut down operation of present transmitters no later than 1987 UK and 1986 in France and Monaco. ....
- 4. 230 MHz Last used in 1958 as a Military frequency for Lancaster Bombers. ....
- 5. 450 MHz Mentioned in the Discussion Document. At present Public Mobile Radio operates near here on 445 MHz to 446 MHz, used by Companies mainly as mobile to base, mobile to mobile can also be used. ....
- 6. 928 MHz As preferred by the Government for British OC .....

My first preference would be No. .... and secondly No. .... I think CB should be legalised.

My main considerations in using OC would be: DELETE OR FILL IN AS REQUIRED

- a) Price of Equipment. A fair price I would pay is not in excess of £ .....
- b) Range of Equipment. I would expect a mobile range of at least ..... miles.

My name is ..... I declare the above to be my views and no one elses. This is my genuine name and I wish you to record my views when considering the results of your Discussion Document on Open Channel.

Signed ..... Date .....

CUT ALONG DOTTED LINE

# OPEN CHANNEL

A SURVEY BY CB RADIO MAGAZINE  
158c HIGH ST, YIEWSLEY, MIDDX.

I would like to see CB Open Channel legalised here in the UK on a frequency of either:-

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My name is ..... I declare the above to be my views and no one elses. This is my genuine name and I wish you to record my views when considering the results of your Discussion Document on Open Channel.

Signed ..... Date .....

FOLD ON LINES ONE, TWO, THREE AND FOUR TO MAKE AN ENVELOPE AND TUCK FLAP 'A' INSIDE POCKET 'B'.

FLAP 'A' TUCK INSIDE 'B' TO SEAL ENVELOPE



FOLD

FOLD FOUR

PLACE  
STAMP  
HERE

FOLD ONE

**CB RADIO MAGAZINE  
158c HIGH STREET  
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UB7 7BE**

FOLD THREE

FOLD

FOLD

FOLD TWO

FOLD

OPEN POCKET 'B'

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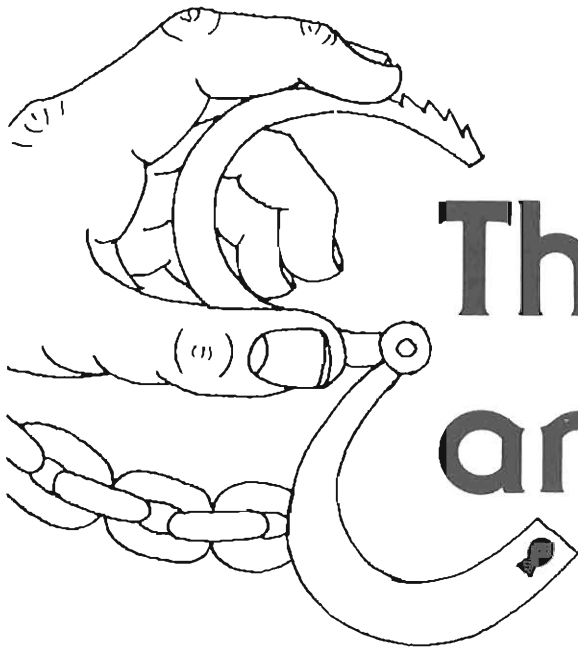
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# The Law and You

## Our Solicitors comments on 27 MHz Citizens Band Radio

Over the last three issues we have reported on the advice the authorities receive and on the action they can or cannot take. You the user have no actual rights regarding CB, there is no clear cut legislation. However you do have the normal rights afforded to every citizen, namely that your property is your own and can only be taken or detained with your consent. Unless the person confiscating the equipment is a Customs Officer with a mandatory search warrant. Anyone wishing to remove anything from a vehicle must have a search warrant or your permission, this also applies to residences.

True there is no right of arrest for the offence of using or possessing a CB transceiver. Technically a user could close the car and say you can't take it, what are you going to do about it. The police would then have to obtain the Customs and Excise's permission to remove the equipment and would still require a search warrant. In fact very few motorists would stand the ground against a couple of boys in blue. The police can of course side step the issue and arrest you on another charge, using either SUS (that controversial suspect and detain), or they could use the anti-terrorist detain. Or change their tack totally and put you in for a faulty vehicle. Once they have you and your car at the station they can then inform the GPO and C & E at their leisure. The actual offence follows three categories, 1 - Installation, 2 - Transmission, 3 - Importation.

No person may establish or use any station for wireless telegraphy or install or use any apparatus for wireless telegraphy except under licence; Wireless Telegraphy Act 1949 Section 1 Paragraph (1). Thus all users of wireless telegraphy equipment who have not got such a licence (which is obtainable from the Home Secretary) are in breach of this section. Section 5 (A) Paragraph (1) makes it an offence to use wireless telegraphy with intent to obtain information as to the contents of any message which neither the person using the apparatus nor any person on whose behalf he is acting is authorised so to do.

Section 7 Wireless Telegraphy Act 1967 deals inter alia with the powers given to the Home Secretary (as successor to the Post Master General) to restrict the

manufacture or importation of certain apparatus. In an exercise of the use of these powers the Home Secretary in 1968 made an order embodied in a Statutory Instrument Number 61 entitled The Radiotelegraphic Transmitters (Control of Manufacture and Importation) which came into force on 1st April 1968 this prohibits the manufacture and importation of apparatus capable of transmitting between 26.1 and 29.7 megacycles per second and for 88 and 108 megacycles even if the apparatus is also capable of transmission on other frequencies. Therefore it follows that Citizens band radio equipment imported, manufactured, constructed or adapted for 27 MHz use is by Section 7 Paragraph (5) prohibited. Thus it is illegal to use such equipment to monitor and listen to 27 MHz transmissions.

Technically the Customs and Excise can, if your receiver is connected or installed, impound the vehicle in which it is fitted. Hence many illegal operators keep

STATUTORY INSTRUMENTS

**1968 No. 61**

**TELEGRAPHS**

**WIRELESS TELEGRAPHY**

**The Radiotelegraphic Transmitters (Control of Manufacture and Importation) Order 1968**

<i>Made</i>	17th January 1968
<i>Laid before Parliament</i>	26th January 1968
<i>Coming into Operation</i>	1st April 1968

Whereas the Board of Trade are satisfied, as required by section 7(4) of the Wireless Telegraphy Act 1967(a), that this Order is compatible with the international obligations of the United Kingdom.

Now, therefore, I, the Right Honourable Edward Watson Short, M.P., Her Majesty's Postmaster General, by virtue of the powers vested in me by section 7(1) of the said Act and of every other power enabling me hereby order as follows:—

1. This Order may be cited as the Radiotelegraphic Transmitters (Control of Manufacture and Importation) Order 1968, and shall come into operation on 1st April 1968.
2. The Interpretation Act 1889(b) shall apply for the interpretation of this Order as it applies for the interpretation of an Act of Parliament.
3. Wireless telegraphy apparatus of the following class or description is hereby specified for the purposes of section 7 of the Wireless Telegraphy Act 1967 namely, wireless telegraphy apparatus consisting of radio-telephonic apparatus capable of transmitting on any of the following frequencies, that is to say, on any frequency between 26.1 and 29.7 megacycles per second or between 88 and 108 megacycles per second, and notwithstanding that the said apparatus is also capable of transmitting on other frequencies outside the limits aforesaid.

Dated 17th January 1968.

*Edward Short,*  
Her Majesty's Postmaster General.

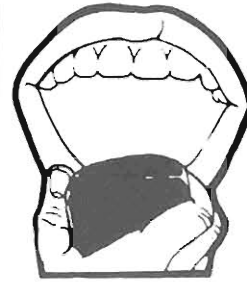


the rig loose and often connect the power via a cigarette lighter or similar plug in socket. However in practice the Customs are unlikely to seize a vehicle unless you have upset them or it is an expensive or commercial vehicle. Normally the seizure of a vehicle will accompany a bust for importing goods.

Actually monitoring 27 mhz is a difficult and awkward subject to report on. Technically you can listen to 27 mhz only if the equipment you possess was legally imported or manufactured here, and not capable of transmission, and only so long as there are no British CBers on channel.

27 mhz is legal in many European countries, so listening to their transmissions is not illegal. But, and here is where it gets complicated. So briefly, until our solicitor can sort it out totally, which may take some time, the UK has signed the Treaty of Rome. In it 27 mhz FM was agreed as being allowed for transmissions i.e. CB. However the UK's existing laws conflict with the European laws, and 27 is illegal here. So as you can see, technically you can listen to every country other than Britain.

The important thing really regarding 27 mhz is the importation restrictions. As the equipment is not allowed to be imported then you cannot listen or use it. At present a court case on importing 27 mhz equipment is awaiting to apply to be heard in the European court and until the result is known the situation will not change.



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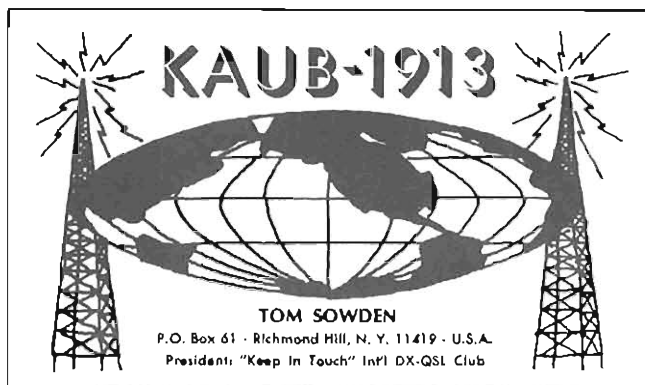
# Come Back the Breaker

**A correspondence spot for those of you interested in CB.**

As we said last month, this will if you the readers require it, become a regular spot. It also gives us an opportunity to contact you our readers. By us saying if you require, we mean write to us, send in your QSL cards or maybe even your friends' abroad.

## USA QSL Swap

Hi, I'm Tom Snowden, better known as 'King Valium' or in DX land as 11W455. I am also KIT 001, founder and president of "Keep In Touch" QSL club of New York. Many of you will know this from the article in Issue 2 July '80 'CB Radio'. I thought I would drop you a line and let you know that I have received many letters from British breakers interested and I have forwarded them to the 'Duke' who has started a British chapter of KIT. I also thought that some of you may wish to just swap QSL cards.



I now run a Realistic TRC 449 SSB with over 600 channels. It's a shame Buzby and your HO won't let you

DX legally, but maybe one day. Anyhow I will just ORT and QSX on frequency, all the golden numbers to you and yours from N.Y. USA.

Yours Tom Snowden, KIT 001.

## Any Clubs

Are there any clubs in Wolverhampton or the Stourbridge area.

The Smudger.

## Attention Readers

Will the Sundance Kid please write with his 20 about his artwork, we would like to use it for something other than a joke in the Mag.

ED

Also a message to Viking, we are interested in reading your papers.

ED

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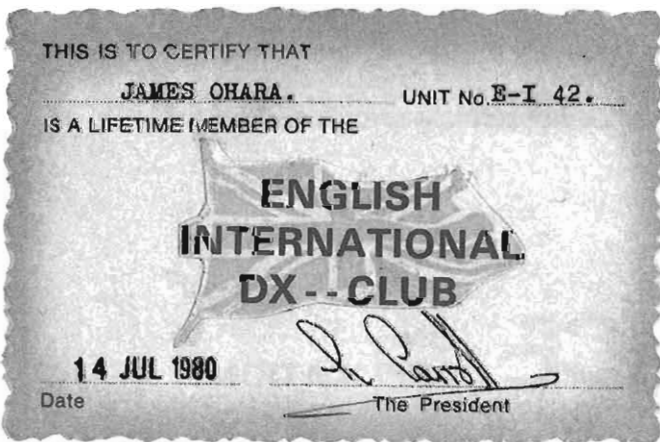
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Dublin 742043**


# DX QSL International Club Spot

The English International DX Club, the only English QSL Club.

I founded the English International DX Club back in 1979, one of the main reasons I started the club was to help start off my collection of QSL cards. Before I go any further let me introduce myself, my name is Lez Carroll, LC, hence the handle Lima Charlie One.

Now this may seem like plugging my own club, but JOH persuaded me to do this write up seeing as how my club is the only English one. I will in the future be reporting on other clubs throughout the world, ones I have personally tried. There are many different clubs, some good, some not so good. It would be unfair of me to say that the English International Club is the best but I will say that we do our best. Our package is of good quality and in comparison with many other clubs the membership fee is reasonable.





This is your personal invitation to join the only English QSL club, as a lifetime member you will receive the following:-

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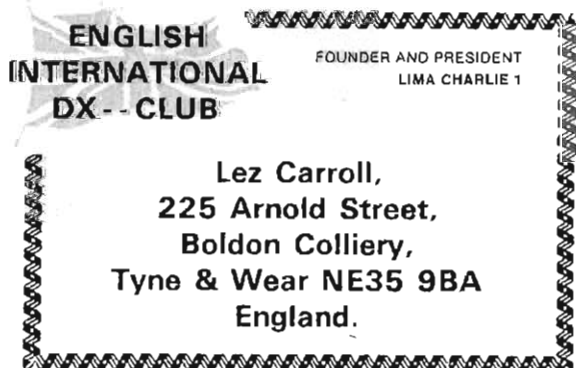
Country .....

Date .....

Because Britain is one of the last countries to use CB and hence DX, the British QSL card is therefore a sought after card. Personally I would advise anyone interested in QSLing to get yourself some cards printed and join a club. In the time I have been involved with DX clubs I have made many friends, many have now become great personal friends. I can honestly say that I could go to almost any country and someone would be able to show me around. You'd be surprised how friendly DXers can really be, and amazingly it is usually out of a genuine interest.

Perhaps one of the best things about QSL clubs is that you don't actually have to operate a rig to get into the QSL scene. All you actually need is the inclination, your own cards and of course a club to join. Once you have joined one club you will start to receive QSL cards and you will also receive invitations to join other clubs. These invitations can be varied and from all different regions throughout the world. It is hard to know which one to choose so I will try to, with the aid of this magazine, give you an idea of what different clubs offer and which clubs are good and worthwhile, I will also try to point out the fly by night DX clubs, unfortunately there are a few.

Next month I will give you my views on the VIP's Club of Greece. So until then all the best 73's and 51's, QRT.  
Lez Carroll, Lima Charlie 1.



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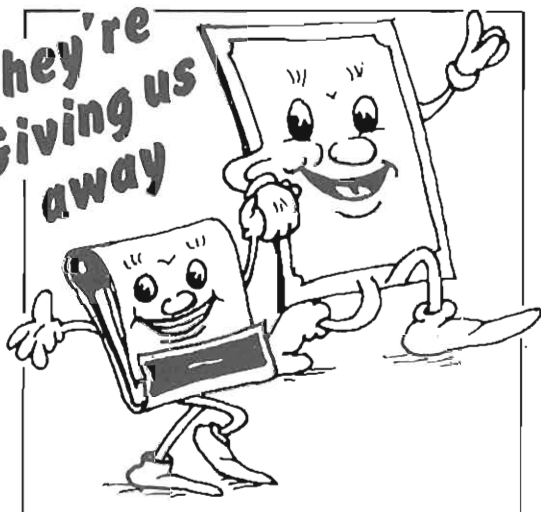
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158c HIGH STREET  
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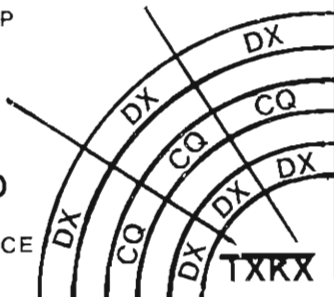
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