

CB RADIO

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The London Demo headed by 27 mhz advocates



Left to Right. Richard Towne M.P. Councillor Theo Yard and Bumie Murray from the UKCBC



CB's first Carnival at Birmingham a muggy day but still they come.

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CB RADIO MAGAZINE 158c HIGH STREET YIEWSLEY MIDDLESEX

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IMPORTANT

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Hello Good Day and Welcome

Now that sounded better than do you copy, didn't it? Oh' well have it your own way.

This is your brand new Breakers mag and right from the start let's keep it informal. It's your mag and we want you to have your say, we want you to contribute. Reader participation is what this mag needs. So from the start we must apologise. How about that we haven't even got started and already we're ducking out. No seriously this is our first issue and most of the material has been put together by only a handful of people.

As this magazine is for you we would like to hear what you'd like to see between our sheets, and yes I'm still talking about print. We will be trying to publish articles on all aspects of CB, there will be articles for the old hands and the uninitiated will not find technical jargon that they get lost in. As soon as we can persuade an electronics wizard to sit down with a pen then we will also be bringing you more technical articles. So if you're into soldering wires to resistors, transistors and the rest of those funny little bits that make up a circuit. Stay tuned.

Incase you didn't notice your editor isn't into electronics Who's he? Glad you asked that, let me introduce myself. The handle when I was Stateside was the Englishman unfortunately I am not on channel over here, I can't be can I after all it is illegal and the Buzby know where to find me the address is plastered all over this mag. Oh well K sera. I have been involved with CB one way and another since the summer of 76 when a friend with a boat had a couple of hand sets that he used to use as ship to shore, the funny thing is that neither of us knew they were 27mhz until much later when a Brighton Breaker came over and enlightened us, but that's history.

I live in Middlesex, the biggest non-existent county, sorry but that's something else the Post Office stuck their oar in and got it wrong. So unless you start contributing you're going to hear more about this side of London than is good for you.

Now that bring us to the subject of circulation, don't ask how it just does. Circulation is probably going to be our biggest, there's two ge's in biggest Harry, problem. Sorry again, I do get side tracked easily don't I? Anyhow as I was saying circulation is probably our one major stumbling block, in order to keep going we have to sell every copy every month that or else charge 60 pence each and that's taking the mick' So if you're going any where "especially you big wheelers" take a copy or two with you, or at least put our address out and about and let other breakers know we're in print.

The size and price' Okay we have only 24 pages now but if we get off the ground and start to get regular circulation, a plug for our subscription. Then with a bit of luck we can expand and start to bring you a lot more of what you want, this first issue became a bit more involved with News coverage than we had intended, but there was a lot happening last month, what with demos, partitions and announcements it was really hard sorting out what to put in. Still we should find our identity soon, and anyhow that's our problem not yours, although you are welcome to make suggestions just keep 'em cleanish.

One reason why this mag was started was because our founder got fed up of going through every magazine on the shelf to see if they had anything on CB. Not only that but normally you have to pay 50 or 60 pence for only a couple of pages and unless like HE, which by the way we must wish a happy birthday to, their BOF section was a year old last issue, which makes us only one year late and before you ask we are nothing to do with HE. Happy Birthday BOF.

Unless like HE they have a regular spot then all you end up with is the same sort of article, mainly aimed at the uninitiated and the journalist is normally more baffled by the lingo than anything else. Don't get me wrong fellow writers any publicity for the cause is good and on the whole most articles we have seen are all for CB. Keep up the good work. We just feel that it is about time that CBers had their own mag.

You may feel the price is a bit high for only 24 pages, but if like us you were buying two or three mags to gain info then this is definately cheaper. Until our circulation grows, plug plug, it costs about 38 pence a copy to get printed and we are still doing all the artwork and pasting up ourselves. So if we are lucky we may break, breaker one four, sorry got carried away, we may break even.



Still enough said, it will take a little time to find our true identity but at least we are hear. So lets get this rig on the road.

EM .ED

CB Hits The Headlines

An announcement was made by the Home Secretary Mr. William Whitelaw on May the 7th agreeing in principal to citizens band type radio. But known as open channel!

As you may or may not appreciate as a monthly publication we do have a deadline to meet on going to print. We had heard that an announcement was in the pipeline so we held the mag over and reserved this page for press coverage. As each paper is dealing with the same subject we have only taken highlights from each paper and made our own comments on these reports. Naturally we had to start with The Times, where else!

The Times 'Citizen's Radio Approval'

This was the small headline feature on the front page along with other topical subjects. The text informed the reader of the announcement and that there was to be a discussion paper published soon. Further coverage was to be found on page six.

Turning to the page in question we found an informative and to the point article uncluttered with the clichés of CB lingo that so many other reporters find using. The main points from the article by Kenneth Gosling were: That the announcement was made in the Commons by Mr William Whitelaw in a written reply to Mr Patrick Wall, Conservative MP for Halton. When asked Mr Whitelaw said, the scheme he was considering differed from those who based their proposals on the experience of other countries. It would be studied at length in order to introduce Open Channel on an acceptable frequency with precise and appropriate technical specifications.

The article then went on to deal with the campaign for legalization, which by the way must continue now at full strength, don't just sit there and think you've got CB because you haven't. But back to the article, it went on to describing the existence of the National Committee for the legalization of CB radio. Yes it's a bit of a mouthful, I think we will just refer to it as the NCFL and you will know what we mean.

Anyhow the NCFL's technical adviser Mr Richard Town was quoted as saying "The acceptance by the Government of the principle of CB radio, proved the point of the campaign which was that CB saved lives and helped people in general." and that now "Campaigners wanted to break what he called the bureau-

cratic stranglehold on the airwaves." Sock it to them Richard. However Mr Town was disappointed that no specific timetable for legislation had been set. These are the main points of the article as we saw it apart from one unclarified comment on the sale of 27mhz sets.

Quote "There is a flaw in existing legislation which, while it outlawed illegal transmitters and their importation did not outlaw their sale in Britain and illegal transmitters were sold openly." Unquote. There is some truth in this but it is misleading. What is really meant is the small hand set walkies which are freely on sale. Mobile rigs are not important for free sale over the counter.

The Guardian 'Whitelaw Tunes into Citizen Band'

Nice and catchy isn't it, this was on the front page at the bottom but still in a prime place. As we have already dealt with the Times article we will pick out parts of the text that you should find of interest. The whole article was well written and dealt very well with the subject. To quote from the article by their political staff. The Green Paper is to; Quote "assess public reaction, although it seems that the band is still some way from introduction. No new legislation is required however, and the only major problem apart from the technical specification is the need to establish some form of licensing." Unquote. There was then a brief run down on CB's history and introduction. The next interesting part went: Quote, "A profound debate has been taking place in the Government because of the problems that will arise from allowing people to tune in and broadcast. The first is the shortage of frequencies available." Unquote.

Here we go again, does that or doesn't that sound like more feet dragging, but more is to follow. What about this then; Quote "The second and more delicate political problem is that as the airwaves to the nation, the necessary licensing and administration means that additional staff will have to be recruited at a time when such moves are out of favour." Unquote. Now I ask you, we only want one frequency, not all the airwaves, this is where we need Mr Town to make the comment about the bureaucratic mumbo jumbo the H.O. use to protect their precious air waves. Unfortun-

CB Hits The Headlines

ately the only sad part of this article is obviously a bad case of being un-informed. Quote "The harmonics of that frequency (27mhz) would also affect various emergency service and aircraft control, and could cause havoc, not to mention plane crashes, if a lorry driver started talking to the pilots of jumbo jets." Unquote.

Oh dear, Oh dear, they put their foot in it didn't they. It just proves that you can't believe all you read in the papers, or for that matter all you hear. The next thing you know CB will be blamed for attracting Aliens or something just as ridiculous.

The Daily Telegraph 'Citizens Radio Backed'

You can tell the more reserved papers can't you. This was the small title to a 30 line snippet on page 19. Obviously they are not into CB, actually I must admit that I didn't expect to find coverage in the Times, let alone on the front page. The same applies to the Guardian, well done lads and let's all boo the Telegraph. But to be fair any coverage gets CB recognized as a reputable method of communication. The article was brief and to the point. The only part worth a mention was their quote by Mr Whitelaw, Quote "He said; we have concluded that we favour in principal the introduction of a facility of this general kind" Unquote. Again the fact that its introduction would take time was mentioned, but I think you've heard that already. Don't despair it will be like a record stuck in the groove before anythin actually takes place, and you will probably be immune to it as an enthusiasm damper.

The Express 'Citizens-You're on the Air'

This article was full of enthusiasm for CB. I could sense it through the style of writing. However it could be misleading opening by saying Quote "A group of 70,000 villains were made legitimate by a brief announcement in the Commons." Unquote. It then continues a little further on, Quote "Citizens Band radio will probably soon be legal. The news marked the success of a campaign which has been pressing Government to catch up with other countries where CB is a massive industry" Unquote. I like the catch up bit, but the campaign is not over nor can this be taken as a success, after all they have only said they agree in principal, but the writer David Ross soon makes up for any loss of steam he may have created in the campaign. He points out that CB, can be and has been used to report emergency services but that, Quote "At present, radio "hams" are licensed only if they pass a gruelling technical examination and that entitles them to experiment with radio but they must not use it. They can send messages only to other licensed amateurs and they must not do anything useful." I like that bit don't you, the sad thing is that local 2 meter use is exactly that, Mr Ross has hit the nail on the head, see our Readers Write section.

Daily Mirror 'Road Radio gets a Big Boost'

Stick with it we've only got a couple more to go. Actually it's three but one of those is really short. Okay, well apart from everything else you have already read, there's only a couple of items to mention. There's the old opponents creeping in they're worried that if CB becomes legal, it would be used by criminals, political loonies and prostitutes. However as always the opposition remains more elusive than the illegal breakers and who ever they are, when are they going to realise that nutters are not going to wait for legislation to use CB for these devious acts. That's like saying you could drive through London easier if there were no cars! Think about it. Anyhow that's a personal opinion. The more interesting comment is the quote Mr Whitelaw made.

Quote, "He also wants to sound out public opinion before taking a final decision. Oh and by the way Mirror it's model aircraft 27mhz can interfere with, not real ones.

The Sun 'Come in Rubber Duck'

Trust the Sun to be corny, actually I only got this one for page 3, did you copy that Beaver, I'd give her extra time, anytime. Now who's being corny. But I forgot it's lost on you unless you horde back copies of the Sun, (May the 8th if you're interested). But back to business, in case you haven't guessed there was not a lot to add to the already adequate cover by all the previous papers. The only thing I found interesting was, Quote "A big problem selecting a radio waveband that will not interfere with police messages and emergency services." Unquote. When was the last time you copied Zed Victor One on your channel.



The Star 'Hard to Bear (1) and (2)'

This stupid paper made a paradox out of the whole issue, the Sun I can take, but this is not even a good imitation. There was a very very small mention hidden away on page 4 which actually made sense. Then on page 2 they spoilt it with a play on CB lingo, "Smokey the Bear" versus "Misha the Bear" it wasn't even funny and I'm not alone in this thought. However much to my disgust I must give them credit for one part, Quote "Buzz off Buzby. After proving that even fighting crime doesn't pay, you've earned this weeks rubber duck award." Unquote. This I should explain was at the end of an account of Mr. Ashmore's exploits in capturing a stolen vehicle. See our Vultures on the Side article.

Silent Running

The other day I was out touting for advertisers and generally browsing through one of those electronics shop. You know the kind I mean. You walk in the door and get attacked by circuit boards and masses of redundant computer parts. Probably any wizards dream, or nightmare depending on your point of view.

Anyhow there I was poking through the contents of a large box when I noticed this well suited figure. I say noticed because he was immaculately dressed in a blue pin stripe and didn't quite fit in with the surrounding background. Infact I couldn't have missed him if I had tried. He looked straight at me and said "CB Radio?" Hello I thought the Home Office come to dismantle my wheels. Still I boldy looked him in the eyes, "Yes" I replied. He nodded "I'd like a word with you outside when you've finished" I nodded OK and returned to the electric motor I'd found. Glancing up the blue suit hovered by a counter covered with resistors and the like, he poked at one or two as if examining a dead rat.

I tested the motor and handed over the drinking vouchers, here we go I thought and strode out the door. Blue suit followed close on my heels, I threw the motor into my heap and turned, only to face his out-stretched hand. He grasped mine and pumped it in a friendly manner & muttered his christian name.

"I heard you talking to the owner, so you're bringing

out a new CB magazine" he paused hesitantly "Are you on channel?" "No" I replied. "Oh shame" he said, "I've only got a monitor fitted and I am always hearing CBers. But I have never met any, I was hoping you'd be some one I'd heard." He gestered to his motor.

I am normally pretty good at spotting possible CB antennae but his ears were good, an inconspicuous tribander stuck out from his tail gate. "I bought the aerial back from abroad along with the monitor, I'm a travelling salesman and it can be more interesting than the Radio." He continued "All my friends have one we find it good if we've been through the same areas, we compare handles when we get together at our local for lunch."

He then proceeded to reel of a whole dictionary of handles and terms. it occurred to me that he was as good as any CBer and could certainly hold his own with the best. He expressed the opinion that as soon as CB was made legal he would definately fit one, as it was he was considering trying to get one now. But what he really wanted was to meet those breakers that he'd listened to in his 10-20. I can't remember if he told me what area that was, but I gave him a few club addresses, you know the usual UBA UKCB etc. Maybe they can come up with a club near him and the silent runner may have met his local breakers.

JOH

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A Big Nothing

The recent statement on CB by Mr Whitelaw in the House of Commons, although welcome, has done little to allay the fears of the future for CB.

The vast majority of CBER's are still worried over the future of 27 mhz as it would appear from this recent statement that the Government are in favour of CB anywhere other than on 27 mhz. Amongst the more technically minded it has become apparent that 27 megs is and was a bad choice anyway, the amount of static and interference from skip not to mention vehicle suppression and the break through on to sensitive Hi Fi systems force them to try and evolve an FM (Frequency Modulation) system on a higher waveband.

Here is where the problem starts, it would appear that there is not a suitable frequency readily available at the lower end of the spectrum. To go for a higher frequency, I am talking in terms of VHF or UHF, the problems and cost of producing equipment for use on these higher frequencies are greater. Therefore it is apparent that a set of similar performance to 27 mhz, although we would hope and expect better performance, is bound to cost in excess of the current black market price being presently paid for the readily available and illegal sets.

A readily available example exists if one looks at the present VHF land mobile sets and the Marine equipment that is presently made available to the public. Although the Marine spec is stringent the present cost of British made sets with 12 channels but only eight fitted is around the £300 mark and this is only for a basic model. You can of course pay more and as I said to be fair the marine spec is high and far more than would be required for CB. Unfortunately due to a lack of information from the Government frequency and specification for the possible use by a citizens band is unavailable.

Under the Carpet

In Europe and many other countries around the world including I gather some iron curtain countries around the world including various powers, modes of transmission and channel arrangements being in use. There are of course problems inherent with the use of the 27 band in these countries and I believe a new system is trying to be found to suit everybody concerned. However the important thing here is that until an alternative is found 27 is legal. It would seem

therefore sane and correct for the authorities to allow the use of 27 mhz to be de-criminalised or allowed legal until this other band is found.

It is being used illegally here, that is a fact and one that should not be swept under the carpet. It will not go away no matter how long you turn your back on it, the situation can only, and indeed is getting worse. If as a panic measure an unsuitable frequency and system is introduced at a high price that no one can or wants to afford an example of which would be a UHF frequency around the top range say £800 to £900, which I have seen quoted in some newspapers, this would be useless and you could shout better over the effective range of such a frequency. Should this happen the 27 will undoubtedly snow-ball even further than at present.

I do not propose to go into all the technical in's and out's, pro's and con's of the interference that may or may not be caused by CB users on 27 mhz. Only suffice to say that the same smokescreen was thrown up, with all the same arguments in the past it was all directed at independent radio, Radio Caroline and Radio London along with others they called pirates. The arguments were that they caused interference with emergency services and hospital equipment, sound familiar? However magically the interference disappeared once commercial radio became licenced although the transmitters were now shore based and much nearer to the community and thus on top of the emergency services they had as unlicenced operators interfered with. Yet the interference was not mentioned any more I wonder why?

With proper co-operation from the authorities and all the interested users a lot of the problems could be solved and would at least bring the whole situation into the open and possibly to an agreement.

We fought a War for this

It seems iniquitous that two people in a free state talking to each other over a medium of communication can, if caught and convicted be fined up to £450 and even risk imprisonment. Make no mistake these fines are often imposed on users and they are branded as criminals of the worst kind, fingerprinted photographed

and locked in cells, they often receive worst treatment than a thief or a rapist would. And all this goes on in a country dedicated to free speech?

We actually fought two world wars against tyranny for this right of FREE SPEECH, during the war our own propaganda machine told us how the NAZIE'S were punishing imprisoning and shooting people for listening to broadcasts from England and that was during a semi justifiable circumstance of out and out WAR. True the punishment is not any where near as harsh but we are not at war there should be no punishment, or are we at war with our own bureaucracy? British authorities felt so strongly about this situation during the war that it was used to recruit thousands of soldiers, many of whom laid down their lives for those beliefs.

I also heard recently that to listen to 27mhz on sets that can legally be purchased in shops is also an offence, true the broadcasts one can receive if originating within England are illegal but many other countries are legally using and operating 27mhz.

Airwaves know no boundaries

If 27 mhz is continued to be outlawed in this country the so called interference problems are not going to stop even if every CBer over here stopped transmitting. The signals from other legal countries are not going to magically fall into the sea at our three mile international waters, true the situation is at present made worse by the sunspot cycle, this is now on the decline but it will be back and there will always be sporadic signals arriving here from distant stations.

No Government likes to think it is being blackmailed



A 27 mhz set like this is readily available for less than £100 this particular set is popular with smugglers as it is very compact.

into a situation over which it has no control, but I feel it is already to late, present estimates for the arrival of sets on the shelves if legalisation came vary from 9 to 18 months from the date of a specification and frequency being made by the Government, this specification should have been already announced but typically British it wasn't and it doesn't look like coming in the near future either.

27mhz is here, alive and growing and likley to stay that way in spite of heavy fines or may be even imprisonment, peoples attitudes tend to harden when they feel, rightly or wrongly so, that the law is morally wrong, and they are often prepared to martyr themselves for a cause.

Surely we do not want this situation to prevail in our country over something which after all is only bringing a little pleasure to many, at no real expense to any one.

AG



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The National Committee for the Legalisation of CB

You may or may not be aware of the existence of this committee. It was set up to bring the views of all clubs together and push for legalisation with one voice and mount a campaign to get the public aware of CB.

The NCFL held their fifth meeting on Sunday the 11th of May and we were invited along to be present at the proceedings which were presided over by Councillor Theo Yard of Lewisham. Incidentally Lewisham was the first council to come out in favour of CB so you can see that Theo is really pushing for a form of citizens band. Mr. Richard Town the MP was also present in his technical advisory capacity along with Bernie Murray. Other members were present, each one representing their own clubs and interests.

The meeting was called to order and the minutes of the last meeting were discussed, the main decision to be taken here was on the publicity side, a Northern Folk group have recently recorded a demo record to be called CB Independence and the committee wanted to vote on whether to adopt it as a campaign theme and try to publicise it and get it on the air, not CB but commercial radio channels. A motion was taken not to dance on the table after hearing all the record it was decided to give it all the help and support the NCFL could muster.

A small complaint about non-participation was voiced, basically you club members should be informing the Committee of any actions or plans you have, so that the NCFL can give you their support. So get writing club chairmen or secretaries, you can write to the NCFL at 32 Downbank Avenue, Bornehurst, Kent.

So having dealt with the last meeting the committee came up to date and dealt with the announcement by William Whitelaw. All present felt it was very indecisive and most had expected a programme to have been outlined giving details of when CB could be introduced. It was decided that as the announcement was indecisive the National Committee should reconsider drawing up a Technical and Industrial preferred specification leaflet which could be put to the Government outlining the sort of CB that the NCFL would like to see introduced.

It would appear that the Government's agreement in principle to the possibility of CB being operative in England may go hand in hand with the probability of being able to have licences issued at point of purchase. This is hitherto unheard of normally to comply with the Wireless and Telegraphy Act the operator and the equipment both have to be licenced. What the

point of sale would mean is that you could purchase a transceiver and the licence, then away you go, no exam, no tedious inspection of radio equipment and no testing of the operator.

This may not seem like a big deal to you but our bureaucracy has been in motion since 1884 when the Secrecies of Telegrams Act was introduced and since then the whole system has been gathering nothing but steam, and there has been no exceptions to the red tape that shrouds radio transmissions of any description. Now looked at from this point of view it is quite a break through.

The problem the committee then turned their attention to was the one of frequency, the Government have on three separate occasions so far stated that CB will not be on 27mhz, the last time was in the House of Commons by Lord Belstead, so if the Government are dead against 27mhz, what is there?

Well the NCFL have never in fact pushed for any particular frequency, feeling that the Government were pushed as it was to agree to the principle, let alone demand a frequency. The National Committee have always just pushed for CB without getting bogged down in internal arguments on technical subjects. After all an argument for and against practically any frequency could be made by any technical expert. So it was not intended to cloud the issue with these arguments, nor is it intended to choose a band now that the Government have taken the first tentative step.

What however did come to light was the feeling that unless the decision is quickly forthcoming by the HO then there is a real danger that the use of 27mhz will be so wide spread that it will become almost unstoppable as with the Australian situation. In the light of this if CB is to be legalised quickly and remember that the maximum fine for use has almost been reached, and we are all holding our breath that no one gets handed a prison sentence. So in the light of the need for a quick decision what bands other than 27mhz are there and could they be utilised in time.

Unfortunately the ideal band is still in use by the BBC pumping out 405 line transmissions to TV sets that are a minimum of eighteen years old, at a cost to the BBC and hence to you the licence payer of an estimated £25 to £30 million each and every year. Not so long

back Ireland just pulled the plug on their 405 transmissions and they had no complaints, they simply answered the why is my set not working with the truth. Lady it is out of date.

But here in England we drag things out a lot longer, true the SAS can end a seige quickly enough but when it comes to saving money the BBC and their own bureaucracy don't even intend to start phasing out these antiquated transmitters until 1982 and god knows how long a programme they have worked out to complete shutdown. It would be a damn sight cheaper for the Beeb to switch off and give a new TV set to any old age pensioner that complained and couldn't afford to purchase a new set, but that sounds too sensible doesn't it.

Having digressed somewhat let us get back to the committee what else is there that could be put into use, well there is VHF 230 that you have probably all heard about but this could have resistance from abroad so with this and the TV band one, both taking a long time to instigate where are we left, campaigning to get the BBC to close down 405 lines ahead of schedule?

One of the things Mr Whitelaw stated in his announcement was the need to look at Europe and their situation. Europe is not happy with 27mhz and there is a possibility that the Home Office could be looking at a channel for Europe. But back to the committee, recently British companies were asked how long it would take them to produce legal CB sets if it was on VHF and a decision came tomorrow. Originally they pulled long faces and murmured eighteen months, however they have now revised this figure to between six to nine



Richard Towne, Theo Yard and Burnie Murray at the NCFL of CB at Hither Green May 11th.

months. When asked about price they quoted between £85 to £150 for a mobile depending on the specifications. What this means is if the equipment has to perform to tight controls then manufacture will cost more, hence the wide margin of prices quoted.

The official view of the NCFL is that 27mhz is a twenty year old system, subject to high static and bad skip and is not really suited to our country where we have no large open spaces. All these facts will be considered in a report that will be submitted to the government by the National Committee along with a specification of equipment request. The NCFL do not wish to push for any particular frequency but if it is not to be on the existing 27 then the committee are requesting 40 channels FM and 80 SSB with a respective wattage of 8 RMS and 12 watts PEP SSB. The Committee believe that these sets should be cheap, readily available, reliable and able to be portable which is the essence of CB as we know it. JOH

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Mash fans will recognise that wording from the theme tune of the same name. So what has this to do with CB. Well we went down to the SBS, Silly Breakers Society and met their President who is Suicide Jockey, not that his handle came from the Mash song. I think you can all guess what song that was, but back to CB and his account of events one night not so long ago, see what you think.

We all know CB exists and all accept it, all except the Buzby that is. Even Hotel Oscar has agreed that CB is okay, alright true they don't condone 27mhz but the principal is there.

I have always thought it to be good fun, and that's all it can really remain so long as it is illegal. Although a few 10-33's have gone out on air and helped people. There is a need for CB and it can save lives, that has been proved in the States, so why is it that the GPO run around with the proverbial in a twist like cowboys in a spaghetti western.

"Now people let me tell you a st-oo-ry" sorry I can't shake my hands the way he does. But to start.

There I was mike in hand cruising down the M3, homeward bound and foot down taking full advantage of my Rover 3.5 Coupe. A brand new Jaws Mk 2 and a DV 27 antenna mounted on the rear wing with an SWR of 1 to 1.1, what more could I ask for. Well there I was ratchet jawing to a few good buddies when a familiar voice came in, Ah I thought the Breaker who wound me up two nights previous. I was almost home but revenge is sweet so I answered his one four, giving my handle as SGB3. To my amazement he bit, there's nothing like a good wind up so I pulled into my drive and parked.

Well I wound him up good, but he seemed okay so we were just getting around to arranging an eyeball, when this bloke dressed in, wait for it, a green parka with dark sunglasses jumped into my car and booms out in a real butch voice "GPO you're busted." I ask you what an actor, I nearly gave him an oscar. Within fifteen seconds there was a screech of rubber, no it wasn't me, and two Police cars cut across the footpath and pulled in front of my skate. They damn near knocked an elderly lady down in the process.

By now I had realised this was the real thing and no joke, although it did look like something out of the Sweeney Todd, the programme that is. They were abrupt but I got the impression that it wasn't because they wanted to be, I think it was a show for the Buzby.

Who had by now played with my rig, pushing the transmit a few times himself. I half expected him to put out a break, he grabbed me and told me to remove the set. Do I need to tell you that I didn't take a shine to him, so as I removed the set I dropped it, accidentally of course, it smashed a treat. Well I wasn't going to have him sell it to his friends was I.



My car was then searched and I was quizzed for three to four hours by this GPO officer? If it had not been for the police officer present I'm sure I would have been ruffed up by the buzby. Again the police seemed in sympathy with me, acting as a restraint on the anger of the GPO man, who as you can imagine was having a hard time getting any sense out of me. Finally at a little after three in the morning I was released to face the long walk home. Now most things are like water of a ducks back to me, but I can tell you I felt degraded and I half convinced myself I was a criminal.

My court case came up and by then I had long since recovered my confidence after all I was only talking to a friend wasn't I. Well I was fined £100 for transmitting and £50 for installation with £40 costs. A guy in the next court to me beat up an old lady pretty badly and stole her handbag with her pension in it.

He was fined £50 including costs. Need I say any more. By the way you can catch me on channel 7 - 11 or 14 most nights.

Til then I will go, 10 10 till I catch you again. Boy Wonder.

SBS1 Suicide Jockey Boy Wonder.

The Law and You

We believe this is a circular to outer London police stations, and will be covering the Law and You in more detail later, so don't push your luck if you're stopped they'll pull you in for something else.

An interesting recent arrival on our mat was received by us with raised eyebrows, could we have an unknown friend in the ranks of the boys in blue? Let's see what you make of this.

Detention

Citizen Band Radios are not manufactured in this country and therefore such equipment can be assumed to have been imported.

Importation is an offence and Section 170 of Customs and Excise goods are possessed and a duty has been avoided.

Following such detention the nearest Customs and Excise office MUST be notified of the detention. The provisions of the following sub-paragraph apply.

Action to be Taken

Where Police discover a "Citizens Band Radio" installation the power of detention should NOT be used unless there are exceptional circumstances present. The following action should be taken:-

Point out the offence of possession and advise the offender that the fact will be reported to the Customs and Excise.

Seize the radio, ensuring no damage is caused

whilst removing the equipment.

Contact the Customs and Excise Investigation unit at Reading, by telephone. Also give notice in writing of the seizure giving full details of the circumstances, equipment seized and the offender.

Advise the Post Office Interference Unit at Aldershot of the action.

Retention of Seized Equipment

Section 139 (3) of Customs and Excise Management Act, 1979 states that any item seized by police which is or may be required for use in connection with any proceedings to be brought, otherwise than under the Customs and Excise Acts, may be retained by them until proceedings are complete or a decision not to prosecute is made.

Subsequent disposal shall be directed by the Commissioner of Customs and Excise. The Police property Act 1897 shall NOT apply.

Section 139 (2) of the Act requires delivery of any items seized to the nearest office of the Customs and Excise unless the above applies.

The provisions above apply in respect of users of "Citizens Band Radios" and any offence detected by Police in respect of such use of equipment is to be dealt with accordingly.

There is NO power of arrest for using Citizens Band Radio.

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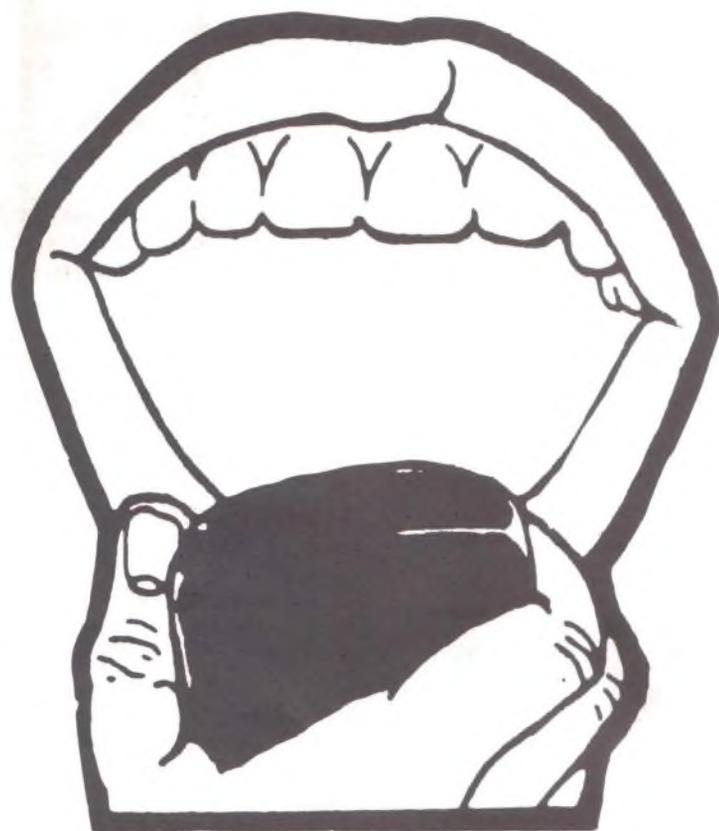
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Getting Out

After much deliberation on what we can and can't publish, we decided if Custom Car can do it, why can't we. So here it is folks, how to SWR the correct way.

So okay you're not an electrical wizard, but after all that is what CB is all about isn't it. You don't have to be able to strip your set down and put it back together again blindfolded.

What is SWR and how do I measure it we hear you saying, well radio waves have a length and electrical length and your antenna has to be matched to this length. The way this is done is with an SWR meter, SWR means Standing Wave Ratio and to measure this an SWR meter needs to be connected between the antenna and the transceiver.

Step One Connections

First things first, the earth between antenna and car should be a nice clean contact, the earth of the car, in fact the whole mass is used as a ground plane and acts as the final link between antenna and rig. The cars metal is used to direct the signal and push it up the antenna and out so always clean down to bare metal and get good contact. Don't slap the antenna on top of rust. The antenna should also be kept clean. Dirt can build up on the antenna surface and become charged with static, this will stop a lot more signal than you would credit. This applies more to electric retractable antenna which need an oil of sort to aid their movement, a light spray regularly with WD40 after cleaning is sufficient to keep the works oiled and the business end clean.

Next you should thoroughly check the coaxial cable from antenna right through to the rear of the set. If there are any bad kinks or any small cuts that have penetrated the outer sheathing and damaged the outer braid you should replace the coax. Or you can cut out the damaged section and re-join it with PL 259 connectors and a double ended female. Don't just twist the ends together and use tape, do it properly and it's less expensive in the long run. Coax is delicate and requires treating with kid gloves, don't push, pull, force or bend it in tight turns. If the cable has to turn corners then the curve should be gradual and away from any moving part that could chafe it, like heater controls. Where there is a surplus of cable don't just stuff it out of sight and out of mind, coil it carefully in circles no smaller than 6 inches diameter. If you do bundle it up or

coil it up too tight, a field can be set up as an interaction of the kink and this can affect the SWR and lose you power.

Once neatly coiled it should be placed somewhere safe and out of harms way, if there are any connectors in this coil and you are placing the coil anywhere where there could be moisture then tape the connectors checking that they are screwed up tight first. The reason for this is that if water gets into the coax it will throw the SWR reading way out. There's a lot to check isn't there, but it is worth it and quite easy really. Whilst you're checking out the coax take a look at the numbers printed on it. If there are any and on quality cable there normally is, it should be RG58.

Step Two Metering

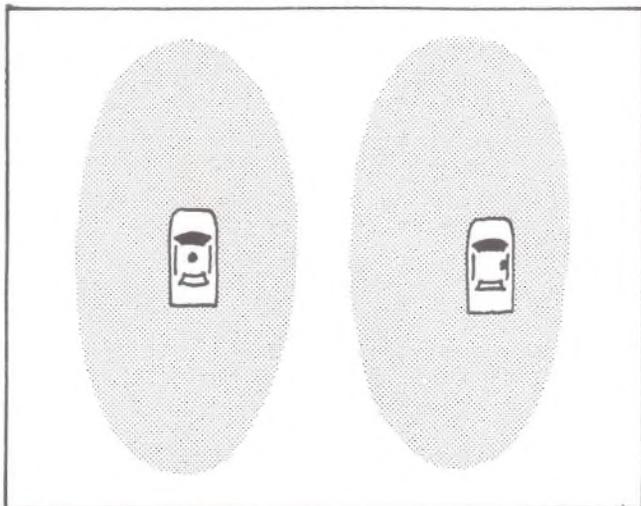
Many people are afraid of SWR'ing, others treat it far too flippantly and from talking to some they are just lucky if they can get away with it. Ignorance or can't be bothered, because it works okay type attitudes, are probably responsible for more blown up rigs than anything. Many people run around unknowingly with the set well out of tune and can easily be putting over 25% of their power back into the set.

So firstly let's state that when metering any equipment, the procedure is to have the bonnet, boot and all the doors closed properly. The vehicle should then be arked well away from lampposts, buildings, trees and other cars. The ideal is to park it slap bang in the middle of a field. Now that you have checked everything fit the SWR meter between transceiver and antenna. Some SWR meters have only one read out, you should switch it to the Calibrate mode of Forward, now you have to fit a dummy load or be a naughty boy and press the transmit button. We will assume that you have a dummy load fitted, now press the transmit button and rotate the dial on the SWR meter until the needle comes up to the top of the scale or the wording Set. Think about this dummy!

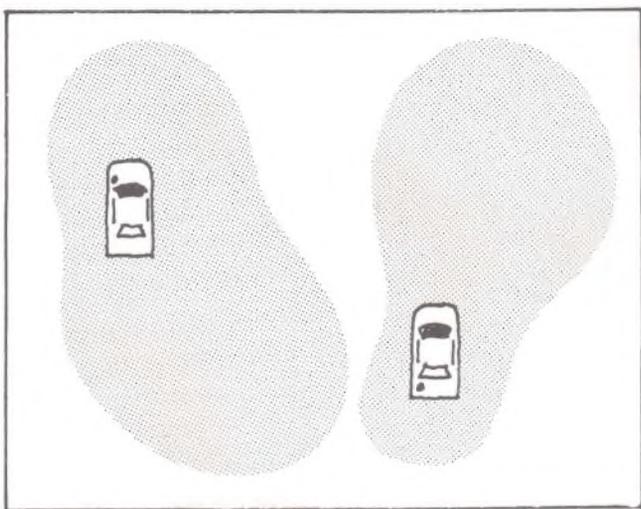
This should be done on the middle channel or one close to the breaking channel. Now that you have set the power, flip the switch and key the mike again, read off on the scale and jot it down on a scrap of paper. Now change to channel One and take a reading jot this

down and then switch to channel Forty, again jot the reading down. If your reading on channel 40 was higher than channel 1 then your antenna needs to be shortened. If the reading on channel 1 was high then you need to lengthen the antenna. Many people have different ways to remember this, here is just one that may help you. High on High Channels antenna goes Down. High on Low Channels antenna goes Up. Basically which ever end of the scale has the higher reading then the antenna needs to move the opposite way. High - Down, Low - UP.

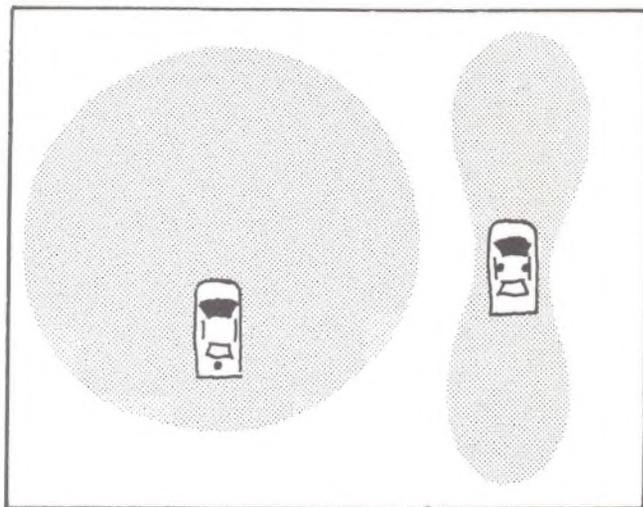
Before you actually cut the antenna or adjust it, double check your readings. If you do have to cut or lower the antenna do so in small lengths about a 1/4 of an inch at a time metering each time. The temptation here is to start cutting little bits off at a time, find the SWR does not move much and lop off an inch or so. DON'T. The actual amount it takes to get to a good SWR is often slight one moment the reading is way out the next you're almost bang on. Always double check your readings as you go, many people say that a reading of 1.1 to 1 is impossible, it is not. It can however take more time than you are prepared to spend and in this can be impractical, but with the correct set up 1.1 is attainable.



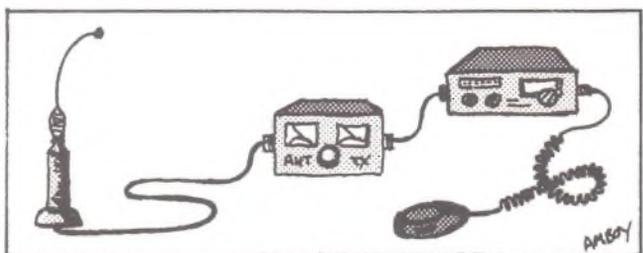
A roof mounted antenna throws a good signal forward and backwards, in an equal pattern. The gutter mount is not so equal.



A wing mount throws the signal over your shoulder and diagonally opposite, or forward at an angle if mounted on the rear wing.



Boor mounts give a wide spread with less signal behind you. While Co-phased antennas give a forward and back signal, providing they are far enough apart.



The SWR meter should be connected between the antenna and the rig using a short patch cable.

One to One Matching

For optimum performance the correct set up is a twelve foot length of RG58 coax between antenna and tranceiver. This is exactly a "half wave" length and as such behaves as a "one to one" matching transformer. Again this comes down to the electrical length of the frequency. With a twelve foot "half wave" fitted the reading on the SWR meter will be fooled and could read 1.1 when in fact you could be way out from your expected metered 1.1 to 1. So now what you need to do is break up this matching temporarily to meter, for this a separate six foot "quarter wave" section needs to be inserted using a double ended female connector section needs to be inserted using a double ended female connector.

Now with this six foot section in place Meter as normal until you have obtained the lowest reading or have lost your patience. Now remove the six foot section and check the SWR it should be about the same or hardly any difference, if however there is a large difference between the readings then the higher reading is the SWR, or infact actually lower than the true SWR. Baffled? You won't be after the next episode of 'SOAP'. Sorry just my bad humour, don't worry though we will be going into this in more detail in the future. Suffice to say that if you get the SWR to the lowest possible with the six foot section connected. Then once you remove it don't adjust anything you have a one to one matching transformer, working for, not against your signal. This twelve foot should be measured accurately and should include any connections that are in line like the SWR if you intend to leave it fitted or any matcher or splitter boxes that are in line.

ABE

Vultures On The Side

Those that use the illegal 27 mhz equipment do so with guarded speech, few would give their name or phone number out over channel and it would appear there is good reason for this.

Not so long ago a black TR6 was stolen one night from outside a pub in West London. Being only a two seater his drinking partners also had their own vehicles and within moments a 10-33 was flooding out over the airwaves. Late evening is humming with breakers so it was not long before practically the whole west side of London had been alerted and on one occasion the stolen car was actually spotted. Unfortunately for its owner it was not apprehended, a CBer, did give chase but he was unable to catch the TR6.

More recently another CBer from the Chesterfield Citizens Band Radio Club appeared in court for offences under the Wireless and Telegraphy Act. Last September Mr. Ashmore a keen CBer from Chesterfield was out pursuing another pastime of his, horse riding. Mr. Ashmore had heard a friend's van had been stolen and knowing what it looked like he was keeping an eye out, just in case. The chances of spotting a stolen vehicle are as you know, slim but later that day he saw a van exactly the same as his friend's. He swung out after it and checked its registration plate, it was his friend's van. Mr. Ashford wasted no time in putting his sighting out over channel and gave chase. Before long other breakers started to join in and our Mr. A. found himself organizing a road block with some thirty other CBers.

By now both vehicles were travelling at high speeds of up to 80mph, using the PA system on his rig, Mr. A. tried to get the van to stop. However the thieves were having none of that and tried to force him off the road. The thieves were trying to lose their pursuer, taking all the back doubles and dodging as much as possible. However by now the Chesterfield Breakers were closing in on the two racing vehicles and they set up two road blocks blocking off the only routes of escape for the villains. The speeding van was forced to halt when it came to one of the roadblocks just on the outskirts of Chesterfield and the five youths who had stolen it were tackled and captured. The members of the club imposed a citizen's arrest on the youths and waited to turn them over to the police who had been notified and

were on their way.

Upon arriving the police took away the youths and thanked the Chesterfield Breakers for their dutiful behaviour in preventing crime. Later that day Mr. Ashmore who had been asked to make a statement about the theft and arrest went to the police station. Only to find that the Post Office were waiting to charge him for illegal use and possession of a Citizens Band Radio. Mr. Ashmore had been charged before only a month previous for similar offences concerning illegal broadcasting. He appeared in court for his criminal catching exploits and was fined £400 with £25 cost. We have recently heard that the youths involved in the theft appeared in court and between them all the fine was less than half of Mr. A's fine. So where is the justice when the criminal catcher is branded as more of a criminal and pays a higher price for his crime prevention?

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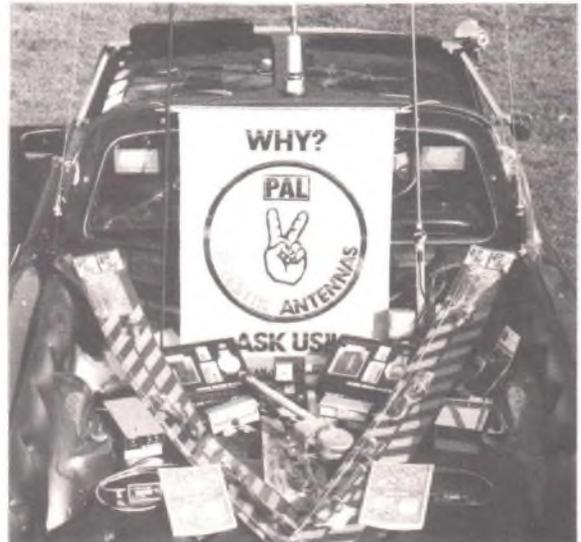
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This equipment test was performed purely as a field test. It was carried out as a practical comparison between two items of equipment readily available in England and tested in Europe. We do not claim accuracy to any precise scale, the purpose was to discover the performance relative to actual conditions.

Antenna Eliminators

An antenna eliminator is the closest thing to a perfect disguise currently available. Basically without being technical an eliminator is a small box which allows you to run both, a standard car radio and a CB from a normal radio aerial, if you like you can call it a separate loading coil.

They were originally developed for the US market as an aid to prevent theft, which is quite a serious problem over there. Very quickly UK CBers and suppliers realised that this could offer a solution to the disguise problem. There is obviously a price to pay for this disguise, a roof mounted antenna will give far superior performance. But as theft was so high in the States and most CB users were on vast open highways this loss of range could be offset by the security gained. We tested just two of these type of antenna or non-antenna, the test should give you an insight to their effectiveness. The two we had tested were as follows.

The Un-Tenna, and the CB Secret Antenna

Both units used in this test are basically of the same design, being splitters designed to run a normal radio and a CB through a basic aerial or if you prefer AM-FM-CB. Again both have an LED indicator to show correct or incorrect SWR this should prevent damage to the set. Installation is the same for both. It entails disconnecting your radio antenna lead and connecting one end to the eliminator and then from the eliminator to the rear of your normal radio. The other lead then connects to the transceiver. It is simple really, now all that has to be done is locate a position for the box of tricks, this should be kept where it can be seen as the LED needs to be visible. This way you can check the SWR to prevent problems if a vandal decides to tie your aerial in knots.

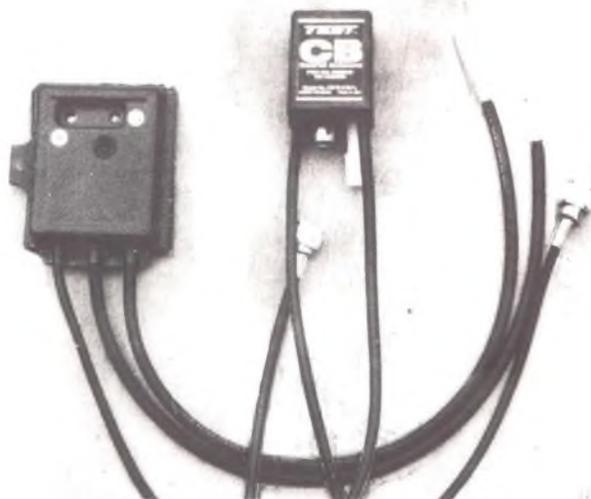
However regardless of the fact that these LED lights exist an SWR meter should still be used for optimum results when tuning.

Physical Construction

Un-Tenna; The box measured 88mm x 75mm x 29mm it was of a light duty plastic construction, with three cables these were for; from Un-Tenna to CB, with another to the standard radio and the third lead to the normal aerial. This CB lead terminated in a PL259 connector, the AM/FM radio feed terminated in a Motorola jack and the cable to the aerial finished in a

Motorola socket. Two inset trimming screws were visible in the rear of the case close to the LED indicator.

CB Secret Antenna; The box measured 56mm x 42mm x 28mm it was of a more robust construction, I know because I ran over it with the car during the test and it did not seem to affect it at all. However this could be a set back if you ever wanted to take it apart, because you can't. It is just one lump of solid plastic with all the components sealed inside, where as the Un-Tenna looks quite easily serviceable. There was only two cables from the eliminator, one to the CB with a PL259 connector fitted, the other to the AM/FM radio terminating in a Motorola jack. The socket for the aerial connection was inset in the case. One large tuning knob of plastic stuck out near the LED indicator.



Specifications

The Un-Tenna	The CB Secret Antenna
LED Tuning	LED Tuning Eye
40 Channel Capability	40 Channel Capability
VSWR 1.1 to 1 attainable	VSWR 1.1 to 1 attainable
Works with screen aerial's	Works with screen aerial's
3 year guarantee	5 year guarantee
4 watt RF handling	4 watt RF handling
12 watt PEP on SSB	12 watt PEP on SSB
Made in the USA	Made in the USA

Tuning

The Un-Tenna instructions for tuning were a little mis-leading. The unit has two trimmers marked 1 and 2. The instructions state you should tune screw 1 for maximum reception and then adjust 2 for maximum brightness on the LED. However in practice we found that at this point we still had an SWR of 6.1 to 1. An SWR of 1.9 to 1 was achieved by adjusting 1 for minimum SWR and then 2 for minimum SWR, and so on back and forth similar to an ordinary matcher.

The CB Secret Antenna the instructions for this were some what simplified as there was only one knob to adjust. This was also made easier for the tuner as an easily accessible stalk protuded cutting out the need for a non metallic screwdriver, have you ever tried to get hold of one, they're not easy to find.

However, to tune the box in you adjust the knob until the LED is dimmest or goes out all together. We managed to obtain an SWR of 1.6 to 1. This arrangement was preferable as we found it easy to adjust and in the dark if the LED flashed on you knew there was something wrong.

The Test

This was performed using the two eliminators with an HMP DX27 as a control antenna. An ordinary Lucas retractable car aerial was used to run the Un-Tenna and the Secret Antenna, they were tested separately on the same vehicle with the same retractable which was mounted on the front wing, your off side. The rig used as a mobil test bed was a President Adams, the fixed station was a President Grant with a HY Gain 488 unit gain base antenna.

Tests were performed with each antenna at three distances. 1400m, 3200m and 5400m, using both AM and SSB. An independent and accurate 'S' meter was used and readings were taken at both stations. The tests were performed in the afternoon during moderate skip conditions on channel 11. The result can be seen in the table fig 1. SSB contact was just possible at 5400m but disappeared at 5700m with the Un-Tenna and 6500m with the Secret Antenna.

After the 'S' meter tests an intelligible contact range for each antenna was conducted. This is the range at which all three antennas allowed conversation that could be distinctly understood. Again this was done on channel 11 AM, for the results see fig 2.

fig 1

Mode	Distance	Antenna	Mobile 'S'	Base 'S'
AM	1400m	Un-Tenna	7	8
		Secret Ant	9	8
		DX27	30db	30db
AM	3200m	UN-Tenna	1.75	7
		Secret Ant	7.5	7
		DX27	9	9
AM	5400m	Un-Tenna	0.5	No contact
		Secret Ant	1.5	No contact
		DX27	4.5	4.5

fig 2

Antenna	Intelligible Range
Un-Tenna	3700m
Secret Ant	4000m
DX27	6200m

Summary

Using the quarter wave DX27 as a standard the CB Secret Antenna loses 35.5% of range transmission and the Un-Tenna loses 40.0%. However the really surprising figure arising out of these tests were in the reception range, whilst on transmitting the difference between the two types was minimal this was not the case on receive. The sensitivity of the Un-Tenna is considerably less on an average it received in the region of 50% less signal over all the distances tested. The figures in the chart Fig 1 were checked and re-checked. From the tests you can also see that the Secret antenna although better on reception than the Un-Tenna is far less efficient than the DX27 by almost a third over the complete distance checks performed in the test.

All the test figures can be improved on by using both black boxes connected to a whip or a roof top antenna. Similar to the six foot fibreglass whips that were all the rage a few years ago. However we admit to being surprised that either one worked as well as they did, our initial expectations before testing were in the region of 100m to 200m maximum. So in conclusion an antenna eliminator of these sort could well be worth the sacrifice in range. More so in the areas like the US where there is a high risk of theft or other dangers, this of course is providing the user feels that the loss of range is acceptable. The maximum power loading on both units was just above 12 watts RF at which point they both self destructed.

Eric Stoggs

Equipment

Courtesy of Wintjoy, Shepperton

Courtesy of CB Equipment Spec, Woking.

**CB
RADIO**

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MONTHS
CONTENTS**

**TUNBRIDGE WELLS DEMO
DX QSL INTERNATIONAL
THE 27mhz FITTING FUND
PHASER LASERS
NOISE SUPPRESSION**

The Happenings

The London Demo, April 26th, organised by the UKCBC in conjunction with the National Committee, for the Legalisation of Citizens Band Radio.

small knot of people gathered together around a silver Jag as though it emitted heat. Not that it was cold you understand. Actually the gathering were straining to hear words of encouragement coming from the megaphone. All good marches need a megaphone to address the masses with all, two hundred and fifty ardent CBers. The tones of 'Convoy' emitted from the twin PA speakers on top of the Jag, the words of encouragement had ceased and everyone made ready for the kick off. Sounds like a foot ball match doesn't it. Someone moaned that Convoy wasn't the right sort of music to play at a demo designed to push for legalisation. Dodging Smokey and breaking road blocks wasn't the idea of CB as portrayed by the record.

However everyone else took the music in a more light-hearted manner and the marchers moved off flanked by the boys in blue. Speaking of which they seemed to be in greater numbers than the previous demo which had almost four times as many marchers. Either they, like us were expecting a larger turn out or perhaps they had an overflow of men after the recent Lewisham marches.

Convoy again filled the atmosphere and was greeted by cheers as the procession turned into Piccadilly Street. Following the marchers was a procession of vehicles, ours among them, we always take the easy way out. The most ominous of these vehicles was a large green police van, hello I thought another left over from Lewisham. In actual fact it was purely the coach as return transport for those members of our British Police Force that didn't have German BMW motorbikes to belt about on, and the Government want British electrical companies to be given a chance to produce CB equipment for us, it's a crazy world but that's another story. Anyhow the boys in blue that did have BMW's belted up and down, and I wasn't alone in thinking I heard a few "Breaker One Four, you got your ears on," emitting from the radios mounted on said machines.

The intention as we had heard it was to proceed down Piccadilly, around the circus and through Trafalga Square into Whitehall, where a petition would be



handed in at the infamous No. 10. However following the march we saw no sign of it slowing, and it continued on past Downing Street, where in fact a small group broke off to hand in the petition. From the comfort of our vehicle, and I say comfort, because by now Mother Nature had begun to cry at the, dare we say it, feeble turn out! Ouch that smarts, but where were you all?

Anyhow through the windscreen wipers I could view the progress with ease and I noted most passers-by actually reading the handouts on CB. Despite the probability that they were unaware of what the fuss was all about. And talking of turnout I was pleased to see a SBS banner amongst the crowd. They were proving what many others missed, that the march was for all interested in CB not just the UKCBC.

It was unfortunate that there wasn't a larger turn out as the police seemed to lose interest and instead of continuing over the Thames to the Home Office as we had heard, the march turned left down the Embankment and stopped. Here the police asked us to disperse and we all made for the nearest pub. So all in all it was a brave effort but one that needed more support. A few people murmured that the date had been misquoted in the April issue of HE, but as they corrected this in the May issue I don't think you can use that as an excuse, so let's see more of you on the next demo.

Even though the H.Q. have agreed in principal to CB, the demonstrations must go on and you should turn up in force at Trafalgar Square on the 6th of July which is a Sunday. Arrangements for this one are still being made so we can only give you an outline. The intention is to have this as a mass rally to show the amount of support that exists for CB and to raise the final signatures for the National Petition which is backed by 6 M.P's. All this should be starting around mid-day so you should get there elevenish.

This is the final rally of the last six months of demonstrations and is for everyone, so let's see you there. Is that a four? Go put the date in you diary now or tie a knot in your mike cord.

JOH



Once again CB was on the move or should we say static. This time Keith Townsend and friends had arranged CB's first carnival.

Rumoured to be a big occasion with a custom car procession, hot air balloons and police dog show, we felt we couldn't miss this. Our intrepid team, and we can all call ourselves that now after the events and trekking about we did on that day, set off for Cannon Hill, Birmingham. The fact that most of our trekking was due to our driver missing the motorway turn off and taking the scenic route via all the back doubles, was just unfortunate. Have you ever noticed the mileage markers we have on our small back roads. We must have driven six miles and the signs still read 14 miles to our destination, then 12 then back to 14, you could be excused for thinking we were going round in circles, however we were on a straight road.

Eventually we arrived in Birmingham amid a confusion of flashing blue lights and screaming sirens. The police seemed very active, naturally we began to suspect the activity was connected to CB and attempted to find the Bullring, which unless you know Birmingham is not easy. When we did locate the Bullring we found no sign of the cavalcade, just two police motor-cycles waiting for them to arrive. They didn't believe that we had come from London just for the CB do. After about twenty minutes we decided to catch the cavalcade at the end, seeing as how they were late arriving at the start. Actually the police were about to give up and go home.

The park was near the Stadium and when we arrived we found a tent set up at one end with a Radio Ham operating, the lower end of the park had a trailer set up with another Ham Set wired up along with a tano for addressing the crowd. Various other vehicles were parked up displaying CB accessories of every kind and a young chap who made up badges with handles or slogans on them while you wait was doing a brisk trade.

Unfortunately there was no sign of the Balloon or the Police Dog Show, but there was still a good turn out of people throughout the day. The cavalcade arrived with banners plastered all over their cars, they had been in touch via 'Ham Sets' so everyone could be updated of their progress. Horns blared and Keith gave a running commentary on the vehicles as they drove up to park, thus displaying the customising. It had been expected that 200 or so custom cars would be present, however there was in fact less than 50 but no-one really seemed to miss them and still walked up and down admiring those that were on display.

Later on there was a flying display by model aircraft enthusiasts, their only request was that no-one transmitted if they had a rig. They displayed a helicopter and a couple of aircraft thus proving that there was no argument between model aircraft enthusiasts and CBers. Some of the flyers were handicapped and were from a club, which everyone donated to, a worthy cause. On the whole everyone had a good time and many of the air-modellers seemed very interested in CB.

Councillor Theo Yard was present to view the proceedings but apart from a few words by way of a thank-you to everyone who turned up, he was taking the day off from public speaking. A well deserved rest.

Leeds Demo

Although not there in person we had a reliable source of information on the days happenings, we will just say BM and leave it at that.

The turn up was good really for a regional demonstration the numbers didn't quite beat the London march but it was a close thing with over 230 people turning up. The police were very friendly and looked upon the activities with favour, unfortunately the Home Office was there in strength riding about like KGB with dark glasses and sitting in their vehicles at all the conspicuous prominent places they could find. The marchers indeed looked upon them with the contempt they deserved, despite their presence and at one time almost interference, everybody enjoyed the march which was totally peaceful.

The march finished as had been expected and we all congregated for a short speech, then we all adjourned and headed for the first service station on the M62. Much to everyone's annoyance the KGB were hot on our tail and followed us into the services. They sat around for a while then decided to do a bit of snooping, we came out of the services after having finished our light refreshment only to have one of the dark glassed KGB lope up to our vehicle with a police officer and demand to search it. We had nothing to hide there was no rig fitted nor indeed did anyone else and after a search during the course of which they were jeered at by onlookers they put their tails between their legs and crawled back to their burrows.

Newcastle Demo

In stark contrast to the Leeds demo there was no sign of any officials and the rally proceeded unsupervised and unattended by the boys in blue. Actually the only one spotted was driving past, he looked over and smiled then continued on his way. The procession was lead by a Scottish piper and this in Newcastle didn't even arouse any hostilities, his pipes lead us on the route and we arrived at the park where the balloon race was held along with a Custom Car Rally. Mr Richard Town the MP was present and he addressed the crowd which was a good turn out although it seems every one was enjoying themselves so much no one actually counted, Mr Town said I think we have proved our point that CB is big in the North, good show lads.

Your Voice Needs to be Heard

"This announcement is only an agreement in principal, we have not got CB yet we now need to prove that the public want CB. It is now up to you to make your voice heard. And we need a large turn out at the Trafalgar Square rally". Mr Yard councillor for Lewisham

So on behalf of the organisers we would like to thank you for turning up and we hope you will be present at Trafalgar Square on the 6th July, see you there at about eleven. Break-a-break.

JOH

Readers Write

Dear Sirs,

I am looking forward to the first copy of your magazine and may I take this opportunity to thank all the people who came to the CB rally on Sunday 27th April. I am enclosing an article that was published last year in the USA I hope that you will find it of interest, evidently the Americans did.

The Editor M.C.B.R.C. newsletter
Bilston. W. Mid's

Thank you for the article we will be publishing this in a later issue. ED

Dear Mr O'Hara,

You ask me, as a 'ham' of many years standing, for my views on the legalisation of CB Radio.

Like yourself I am, of course opposed to the widespread illegal use of CB at the present time. I am in full agreement with the policy of the Radio Society of Great Britain on CB which is; that 27mhz is quite unsuitable for this purpose, since it is not a short range band. As you know, world-wide communication is possible during at least part of the sunspot cycle.

I would like to see prospective CBers pressing for a band higher in the spectrum than 27mhz and as we all know, such bands are available.

J.J. Maling.(G5 JL)
Hayes. Middx.

Dear Sirs,

I was recently at the London demonstration and heard of your magazine. I am a registered 'ham' the licence I hold is a class B which I have had for quite some time. More recently I have used 27mhz both here in the UK and abroad, may I say that I find the use of Citizens Band music to my ears. It is with some interest that I note the cleanliness of conversation that takes place on all 27hz channels.

I no longer use the local amateur bands if I can avoid it the swearing and general misuse of our radio network really annoys me. All my friends, the ones I can trust have been with me and monitored CB so I am not alone in congratulating CB enthusiasts on having a responsible attitude towards a Public Radio frequency. Infact other friends of mine are also turning to CB. I myself see no reason to keep it illegal and if we can keep the irresponsible idiots off channel, then it will be great.

Vector One
G8 --
St Albans

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Club Spot

WLB

That stands for West London Breakers Club, we are not a new club more like an old one reformed. We used to meet at the Barley Mow Pub in Chiswick and used to be just another branch of the UBA. However things were not going that smoothly so about three months or more ago we broke away. We now hold our meets at a pub by the Thames 'The Steam Packet' Strand on the Green it is still Chiswick not far from Kew Bridge. Infact if you turn down the side of the bridge by The Star and Garter, we are at the first pub you come to. The hall upstairs is totally ours so we have some privacy and hold a Disco there each week.

Every one is welcome to come and join, it is free although we do have a whip round of a few pence just in case one of our members needs to pay HM any money, but the less said on that subject the better. There's a bar upstairs to keep us happy and all in all when we are all present it's a pretty good evening. So if you fancy an eyeball and are prepared to have a good time come on down we are there each and every Tuesday from 8 o'clock till closing.

American Boy
Vice President
WLB Chiswick

SBS

The SBS was started by myself, Suicide Jockey and Doobrey. Basically to accommodate the Twickenham and surrounding areas, it was never intended to have the club as large as it is. It just happened. We now have over 300 Breakers on our membership list, we can pat ourselves on the back and take pride in the fact that our turnout is between 175 to 200 people each week. As you can imagine we actually take over the pub although we don't mind strangers so long as they can put up with us. Why so many turn up each week I just don't know. I used to put it down to my magnetic personality, but I think that's too much of an ego trip now. There must be something else, not that I like to admit it.

One of the reasons the club is so popular is probably that there is no membership fee and no rules to speak of, you just turn up have a few jars, a mass eyeball and enjoy yourself. Actually that's probably the best invitation you can give anyone. In the last few weeks we have formed a sort of committee which discusses any new ideas for the club, its never been part of our policy to push for legalisation but we have started to make waves towards this. We would like to prove to the general public that CB is not just a bunch of thugs, we are actually human.

Six months ago you could go all night without a copy now our network is busy practically all night, just give us a call on 7-11 or 14. At the moment we are trying to arrange a few club activities but I will save that for later. So all the lucky numbers to you all from me Suicide and him Doobrey, Ten Ten.

PS: Long live the bleep tones see you on Thursday at: The Anglers Pub Twickenham.

Suicide Jockey
Twickenham

The 10 - 4 Club

We started around eighteen months ago as a simple social get together in a local pub and we are still together and meet fortnightly at the original venue which is The Essex Arms, Forest Road, London E12. This month you can come and find us on Thursday the 5th or 19th, and so on, fortnightly.

We have a hard core of pro-legalisation campaigners, although we do have a lot of breakers, but we stress no rigs to our meetings and this is an absolute rule. Recently we elected a new committee in April of this year and we are now in the process of arranging monthly activities. A few examples of these are film shows, demonstrations, lectures, at discos.

Our first really large project is a 40 foot trailer decorated as a CB float in the Walthamstow Carnival. We hope that this will advertise CB and gather signatures for a petition to legalise citizens band.

Secretary-Ann Hughes.
Walthamstow.

The Harrow and Wembley CB Group

The Harrow and Wembley CB group was started by two people who saw a need for people in the north and west of London to get together at a local level and discuss their interests in Citizens Band.

They first came together on the 26th September 1979. The group meets at 8 pm on the first Wednesday and third Wednesday of every month to interchange ideas about the present campaign and news and views that may be relevant to the cause.

The group has also been active in bringing the idea of CB radio to members of the public taking part in local exhibitions, shows, interviews with local and hospital radio stations and contact with local newspapers.

The group meets at the Queen's Arms, High Street, Harrow and Wealdstone, (at the junction with Palmerstone Road near the station.) The group has members in all parts of North and West of London, and anyone who is interested in Citizens Band Radio is invited to come to the meetings and become a member of the group. The group does not of course condone the illegal use of CB radio.

Anyone wanting further information about the group should contact. Bill Ridgeway on 422-7570.

SLOB'S

Slough's lot of Breakers, about two months old it was established to let other Slough breakers know when a local breaker was on channel. Meets are held in a local pub usually on Tuesdays and we have breakers turning up from W. Drayton, Bracknell, Marlow, Highwycombe, Maidenhead and Reading. Sometimes we get long distance breakers stopping in. A while back we had a couple from Blackpool and even a lady breaker from Texas. (10 O'clock Cinderella).

It's a small group but every-one knows each other and we can keep tabs on whats going on in the CB scene. Hopefully other groups of breakers will try for a copy if passing through. Till then Breaker break.

Cranky Yankee
Slough

Well now we know you exist but we don't know where you meet, maybe you can let us know sometime. Ed.

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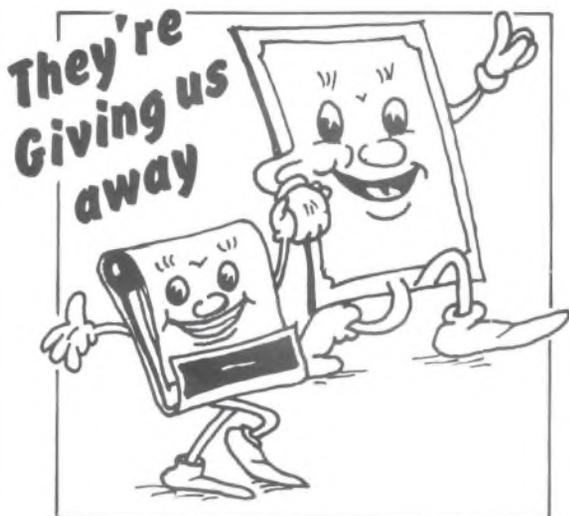
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