

APRIL ISSUE 1982

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IMPORTANT FACTS MAKE THIS YOUR C.B. MAGAZINE

- ★ CLUB NEWS IS FREE. (More than just your name).
- ★ WE PRINT YOUR LETTERS, YOUR POINTS OF VIEW.
- ★ WE PRINT YOUR REPORTS AND ACTIVITIES IN C.B.
- ★ WE STAND FOR C.B., WE ARE BREAKERS WITH YOU.
- ★ U.K.-F.M. : A.M. : F.M. : SIDEBAND : QSL-DXIING

CB CLUB NEWS

WESTCLIFF BREAKERS CLUB

P.O. Box 39, Westcliff-on-Sea, Essex, SS0 9DN

The above club was formed in May 1981, and now has over 1200 members. We meet every Monday night at the Queens Hotel, Westcliff at 8 p.m. until 1 a.m. Visitors are most welcome to the club, (50p on production of a club card). The club also has a youth section (14 to 18s) and a sideband section known as the Whisky Bravo DX club. The youth section have their own room with a disco and a bar selling soft drinks.

We also produce a weekly newsletter which is free to members and visitors, and quite a few of these are exchanged with other clubs newsletters around the country. (Please find this weeks copy enclosed).

We have attended a few rallies in favour of AM, and for the last one in London the club hired a coach for members without transport. We still like to think that AM will be made legal in the near future.

We recently raised £2000 for the local hospitals premature births unit, and this was presented at our Christmas disco.

One final point, if there are any truckers passing through on a Monday night, they are more than welcome to pay us a visit.

Chairman: Landlord. Secretary: Lumberjack.

10-10.

Coachman, Publicity

CANVEY BREAKERS ASSOCIATION

c/o 32 Southfalls Road, Canvey Island, Essex.

The C.B.A. was formed back in October '81, since then the club has grown from a dedicated few to over 1300 members, we meet every Sunday night at 7 p.m. in THE KINGS CLUB, Canvey.

Our aim has always been to promote C.B. in any way we can, we have run a channel 9 monitoring service and worked closely with the local Police on 10-33's, we have also raised money for several charities including over £1000 for a local Handicap School in many different ways, including a Car Push and a Parachute Jump.

Our club is an AM/FM club and we offer any member advice on problems such as T.V.I., etc., this advice extends to the Public as well, we try to encourage the sensible use of the airwaves and as we are about to set up a Junior Breakers Club we hope to teach the J.B.Is the best way to operate C.B. and any new members as well. All are welcome at the C.B.A.

Club motto is 'C.B. is FUN'.

Space Monkey, Secretary.

CHANNEL 35 BREAKERS CLUB

c/o 57 Abbey Road, Lowton St. Mary's, Warrington.

Well here I was sat in my wrapper, up on Winter Hill, minding by own and everybody elses business, chairing the Channel 35 Breakers network with Toffeehammer sat beside me, writing down the handles, personals and 20's of incoming Q.S.K's, when we get a Q.S.K. telling us the Editor of B.O.T.S. wanted a word with us regarding the club. Naturally we thought it was a windup, but it wasn't and so I wrote this club report.

This is your club. That's right YOURS. It's run by a committee of 4 volunteers, they are Iron Horse in Horwich, Merlin in Westhoughton, Charley Brown also in Westhoughton and Freeway in Astley.

The club started by accident as all good things usually do, on the 11th November '81. Iron Horse was speaking to Tarmac Chewer from Kearsley, when a Q.S.K. came in from the Avenger from Congleton, a copy took place, and before they knew what had happened 23 other people were calling Q.S.K. they agreed to come on channel 35 the next night, and 60 people were on channel. This has now grown to as many as 600 people using 35 on some nights. The furthest copy so far is from Sea Urchin to Brimbo, near Wrexham. (Who says FM is good for a 15 mile range).

By the way, if you do come on to 35, as we hope you will, DO PLEASE MAKE SURE THAT YOU DON'T SHOUT Q.S.K. WHILE SOMEONE IS HAVING A LONG DISTANCE COPY.

The chairman will bring all Q.S.K.'s in at regular intervals, so as not to spoil very long distance copies. Remember our aim is to get you in contact with people you would never be able to contact at all on any of our meagre 39 channels. (Home Office please note).

Do remember 35 is open to everyone on FM and does include a number of house-bound people.

We have eyeballs on the first Thursday of the month, and these are arranged by Charley Brown. When you come to the eyeballs as we hope you will, and some breaker near you who is house-bound, or does not have transport, do bring them along, you will feel good, they will feel even better.

By the way channel 35 is not guaranteed for the 35 breakers only, and if this channel is not open, we use another channel as close as possible.

DO SEND OUT Q.S.L. CARDS, IF YOU WISH TO, but they are not automatically expected. Also do remember that if you want to ratchet for the sake of ratcheting, do please use another channel.

Freeway is also concerned with CREST the channel 9 emergency service, and the 35 Breakers have on a number of occasions assited the CREST monitors from channel 9.

But to end on a lighter note, if you think that chairing 35 is easy, take what happend to Iron Horse the other night, he became so involved that he had to tell all the breakers to stand 10-6 because his bacon butties were going up in smoke.

If any of you are keen gardeners and reckon they recognise my personal from a well known gardening mag. you're right it's me.

All the high numbers, bye-bye we gone.

Chicken George (George Oakes), Toffee Hammer (Gordon Harker).

THE KWAI AND DISTRICT BREAKERS CLUB

c/o St. Paul's Hall, Middleway, Croxteth, Liverpool, Merseyside.

Just a letter to inform you that there is now an under 17 Breakers Club in Bird City, i.e. LIVERPOOL. The club has been formed for about 4 weeks and has fifty members waiting for the go-ahead off our committee.

We meet on a Tuesday at ST. PAULS HALL and prices are: Up to 12 years old pay 50p per year and 15p at each eyeball; 12 to 17 years old pay £1.00 per year and 20p at each eyeball.

Visitors are most welcome and if you ever pop in you will be very welcome indeed. Visitors pay 25p at each eyeball.

Plans include sponsored modges, raffles, car pulls, football, charity functions, parites, discos and just about anything anyone cares to suggest, we'll try it.

If you cannot make one of the eyeballs on Tuesday nights then just drop a line to the address above. Looking forward to seeing you.

Madame Fi Fi, Blue Angel, Secretary and Assistant Secretary.

HAPPY FAMILY BREAKERS CLUB

Just a line to tell you about the Happy Family Breakers Club.

We formed about six months ago and have around 100 members.

Membership costs £2.00 for adults and £1.00 for children. Entry to club meetings is 25p for members and 50p for non-members, all children get in for 10p.

We meet every other Tuesday at the Sheffield Arms Hotel, Fort Road, Newhaven.

All breakers both AM and FM are made very welcome and we have a junior breakers corner where mums and dads can park the kids for the evening if they wish.

Weazel (Entertainments)

UCKFIELD BREAKERS CLUB

c/o Kiln House, High Hurstwood, Uckfield, Sussex TN22 4BQ

I would like to thank you for giving our club a mention in your magazine last year.

Since then though we have both grown and moved to a new location. The U.B.20 meets are now held every Tuesday evening in the British Legion Club, Uckfield. 7.30 till 10.30 Membership is £2 entry fee is 40p members 60p non-members.

We have almost 200 members and would still welcome new memberships.

Entertainments are varied and naturally we have lots of exciting events planned for the spring and summer.

We would be grateful if you could put us in the "20" directory we are most surprised that having written to you once we are not in it already. Our code for Uckfield is the "Ugly" town.

Pink Monkey, Secretary.

FELLOWSHIP BREAKERS

c/o Flying Dutchman, "The Cottage", 39 Addison Road, Walthamstow, London E17 9LS

Just thought we would waggle your ears and eyes and tell you that we started a few weeks ago our club "FELLOWSHIP BREAKERS".

During our experience of terrific breaking, we will be holding our meetings at The New Rovsco Hall, Hollybush-Hill/High Street, Wanstead, London E18.

Each Thursday, the club opens its doors from 7.30 p.m. until 12 midnight (last orders 11.30 p.m.).

Our aim is to attract all U.K. Breakers Clubs and work together as a large body of breakers. All U.K. clubs can become affiliated and it won't cost a penny. In the future we are hoping to get C.B. clubs from abroad. (Negotiations already taken place).

If anybody wishes to join our club, the membership fee is £5.00 per annum, with weekly admission to members of 50p (showing membership card). Guests will be welcome at the discretion of the committee.

There will be plenty to do and see, for instance, dancing to our fantastic national known Disco, having a chat at the bar, and hopefully in the near future many other entertainments.

Speaking of these entertainments, we will try to organise dinner parties, C.B. Rallying, Challenges with other Breakers Clubs on invitation, Raffles, Games, Video and Film evenings and last but not least Short trips abroad (small fee), not to forget Charities.

This club will also be selling C.B. and Trucking tapes and records, Information, Magazines (Breaker on the Side), other C.B. books, etc. If this appeals to you, then this is the club to join.

Our next disco will be on the second week in March with a well known entertainer. We are hoping however to get an extension until 2.00 a.m.

Why not come along and join us good buddies, not forgetting, that if you bring along three or more guests, entrance is free for you.

Any views or comments will be greatly welcomed by our club committee. Let's stick together good buddies, 10-10 for now, and hope to see you next Thursday.

Do not forget to contact Gandalf, Silver Top or myself on the 14, if you are in the area. We will give you an eyeball.

Flying Dutchman, Secretary.

ISLAND BREAKERS CLUB

c/o 9 Southwick Gardens, Canvey Island, Essex.

We meet every Wednesday night at 8 p.m. at the Monico Sea Front, Canvey Island. We have a membership of over 200 after only seven weeks, but we are limiting it to 300.

At the moment you have to be 18 and over to come into our club but we are trying to have this changed soon to let in the under 18's.

Doctor Who.

GAINSBOROUGH BREAKERS ASSOCIATION (LINCOLNSHIRE)

We have just had our first Annual General Meeting. The officials of the club were returned unopposed. Secretary: Organ Grinder, Treasurer: Music Man, Chairman: Willie Wonker. Seven Committee persons were elected: Music Lady, Little Legs, Red Shadow, Dealer, Fireball, Crashman, Coffin Man.

The club has now been in existence 14 months and has raised and given £1,000 to local charities. This type of fund raising will be continued throughout the year.

On club nights which are the first Sunday in each month, discos, quizzes, silly games and bingo are organised and the committee are open to suggestions from members for other activities.

A new bulletin is put out every Wednesday evening at 7 p.m. and 10.30 p.m. by the secretary. Further information is available from Gainsborough Breakers Association, c/o Marshalls Sports and Social Club, Middlefield Lane, Gainsborough, Lincs.

M. V. Spence, Organ Grinder.

THE PATHFINDER RADIO GROUP

c/o 11 Livingstone Walk, Hemel Hempstead, Herts HP2 6AH

The Pathfinder Radio Group is a voluntary non-profit formation of self-help and strictly non-sectarian character. Originally established in 1964 to cater mainly for shortwave radio enthusiasts, the group – over the past two years – has taken up interest in the promotion and operation of community radio services for United Kingdom areas and localities, such to be as alternative highly localised services to those provided or planned by the BBC and the IBA, and the Home Office is aware of (and not opposed) Pathfinder Radio Group interest in taking over the 102 MHz to 104 MHz, VHF/FM, sub-band for community radio broadcasting under the United Nations Charter of Human Rights. The Pathfinders have issued a provisional index of some 164 localities within England, Scotland and Wales, from Kirkwall to Falmouth and from Aberystwyth across to Felixstowe, as being possibly suitable for Pathfinder Community Radio services, "Radio West Hertfordshire" being the first such proposed community broadcasting station within the U.K.

The Pathfinder Radio Group has also developed an interest in C.B., and is to look into ways and means of bringing British breakers into line with most other countries already permitting C.B. operations on 27 MHz AM, the existing FM facilities to be retained for British based breakers wishing to use such 27 MHz FM or 93.4 MHz FM outlets. Besides interest in radio communications generally, The Pathfinders are directly or indirectly involved in voluntary youth and community projects, environment and civil rights campaigns, residents' action groups, etc., independent of political and religious affiliations.

Breakers in the West Herts Area interested in joining The Pathfinders, including active junior breakers, can ring Hemel Hempstead 45649 on weekday evenings ... Breakers elsewhere are welcome to write to the above address, stating their interest or local problems.

"Pathfinder Leader" PRO: Pathfinders

WINCHESTER FREQUENCY MAKERS' CLUB

c/o 11 Green Hill Close, Winchester, Hants.

I have, since February 1981, purchased your magazine, and I am now glad to have the opportunity to write to you, informing you and fellow breakers of our new breakers' club.

The Club is called the Winchester Frequency Makers' Club, and is based in the "Olde Capital" (Winchester). It has only been running for two weeks but already we have 70 registered members.

The Club was formed by Scuttle, an old and experienced breaker, he has worked hard to get the Club started, and this has paid off by the number of breakers attending our weekly meetings. We have already had a Foxhunt and we are arranging a Treasure Hunt and a Disco.

If any breakers are in this area we break on 14, and do not hesitate to call, Scuttle, Taffy or Skywalker. We meet at the Railway Inn, St. Pauls Hill, Winchester, every Thursday evening.

Finally, as Scuttle would say.

"Where ever you are,

Where ever you be,

C'bers do it with frequency"

Black Velvet (Secretary).

Yorkie Man (Committee Member).

RIVERSIDE BREAKERS CLUB

c/o P.O. Box 16, Perth, Scotland.

The R.B.C. based in the villages and small towns on either side of the River Tay in Scotland. Our club is open to AM and FM breakers, to which we all work together in raising money for charity, to which we all have fun in doing. Our main object is to put our money to the Scottish Society for Spastics, our charity for 1982. We raise money by holding sponsored events.

The R.B.C. are on 1-4 so if you are ever in our 20 give us a shout.

Take care 'cos we care. 10-10.

Shuggy, Secretary.

ULVERSTON BREAKERS CLUB

c/o The Sun Hotel, Ulverston, Cumbria.

Our club has been running for nearly twelve months now, and we have a membership of 260 of which a good majority of these members are now FM. We run various activities, recently we had a C.B. version of 'Blankety Blank' it was well received and everyone had an hilarious evening.

In early February we had a sponsored Pub Crawl in Fancy Dress and the money earned from this is going to a local charity.

Big Sister.

SOUTH Lincs BREAKERS CLUB

c/o 33 Custom House Street, Sutton Bridge, Lincolnshire.

The S.L.B.C. was formed in October '81, we have approximately 70 members. We raised £300 in a sponsored Roller Skate for a local Childrens Home. We meet at the BRIDGE HOTEL every other Wednesday at 8 p.m. If there are any other clubs who could help to keep this club running smooth we would like to hear from them.

Delta Lady, Secretary.

THE GARDEN OF ENGLAND C.B./D.X. CLUB

c/o The Bulls Head, Royal Parade, Chislehurst, Kent.

The Club night is still Monday from 8.00–10.30 p.m. The Garden of England is an AM/Sideband Club, FM inclusive. The Club offers bi-monthly discussions based on a talk given by breakers with experience in the electronics field. Two of our members are the proprietors of a C.B. retail shop and are able to supply equipment at very competitive prices and give advice on the latest models on the market. Regular Club events include: discos, raffles, convoys, foxhunts and films.

A large section of our Club are divers and belong to the British Sub-Aqua Club, we have heard that divers throughout the country are trying to adopt a marine type channel, this is channel 17 AM and FM in the majority of cases. Please can you mention this as many divers use C.B. for emergency and general work in inflatable boats, we have also received information from Coast Guard C.B.'ers regarding weather, wrecks, fishing and water sport conditions in general.

The annual membership is £2.50 and there is a weekly subscription of 50p. Any publicity your magazine can offer would be appreciated.

Lady Go-Diver

SEVERN WYE BREAKERS CLUB

c/o 6 Oak Close, Chepstow, Gwent NP6 5RL

We were formed on the 5th January 1982 and have a membership of 50+ and are known as the

7YBC (Severn Wye Breakers Club)

For any information contact Rabbit (Chairman) and all visitors and new members will be made welcome at our fortnightly meetings at the Three Tuns Inn, Chepstow. We aim to promote the use of CB in the local area, provide an emergency network, do work for charity and have a good time of our own. Annual Membership is £1 and 25p per evening.

If any breaker in the area wants to give 7YBC a call, when in the vicinity of the Severn Bridge (Meccano) we'll be glad to hear them.

Rabbit (Chairman 7YBC)

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CONTENTS

	Page
Club News	i-vii
Neighbours T.V.I.	viii
C.B. Lingo	x-xiii
Q.S.L. Cards	xiv-xv
Q.S.L. Code	xvi

If you want your report, club news, 20's
and Q.S.L.'s included please write to us
by 16th of each month

Production/Contents	1
Editorial	2
Special Delivery	3, 4, 6
Natcolcibar	7
Basic C.B.	8, 9, 10
C.B. Dealers	11
Burners	13, 14, 18
B.O.T.S. C.B. Holiday	15
F.M. Rigs	16, 17
Letter to the Editor	20
B.O.T.S. Special Offers	21
S.C.R.E.A.M.	22
B.O.T.S. talks with	24, 25
Rig Review	26
Sid C.B.	28, 29
DXing - Q.S.L.	30, 31
Buck Fuzby	32

**MAKE IT YOUR MAGAZINE BY
MAKING YOUR POINT OF VIEW
MADE KNOWN THROUGH US.**

KEEP CONTACT - BRING IT IN!!!

**It is the policy of the publishers of Breaker On
The Side NOT to support the illegal use or
possession of non-British specification C.B.
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such illegal activities.**

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EDITORIAL

AS we now get further into the year with lighter nights on the way C.B. comes again into its Spring phase. Eyeballs take on a more pleasant feeling with less and less fear of a dark hooded stranger, BUT never-the-less do not go off willie-nillie, you must think carefully before you go to meet a stranger and you should and would be safer if you had someone with you old enough to protect you. If you are young make the eyeball on a Saturday afternoon where there are plenty of people. Just for a moment step out of C.B. with your minds eye. If you look at your friends think how that friendship took time, a lot of time and in fact I think you will discover it is only a very few in which you can confide in at all. Yet, with C.B. you talk with people you have never seen before (the excitement of an eyeball – becoming recognised/known) and the next day and the day after you recognise each others handles, the voices and all of a sudden you know each other – DO YOU KNOW WHO YOU ARE SPEAKING TO!

C.B. is fantastic and in fact if I find myself in a car without C.B. I do feel a little lost (a person drove into the back of my 'stationary' car so whilst it's fixed I'm in a hire car). I have said this many times – C.B. IS NOT A TOY. Used correctly it can provide all you want. There is the sensible aspect, channel 9 etc. Your personal conversation (with everyone listening). A joke and a laugh. Please, just think before you switch on your C.B. and it really doesn't matter if you are U.K.–F.M., A.M. or Sideband it applies to us all.

No matter what you say, be it "I was first" or "I've paid for a licence" what a load of rubbish. Come on, grow up together we are all C.B. It is just stupid that we should shout off our mouths and build animosity instead of building C.B. C.B. came to Britain in force some two years ago and I was part of the A.M. scene campaigning we were all good buddies and didn't have two heads, etc., etc., and still feel the A.M. campaign has brought us C.B. and without it, we must ask would we have ever got C.B. in the U.K. Humpty Whitelaw had a great fall and legalised F.M. We can all recall how quickly we became versed in C.B. from being green to an old pro' overnight. Well the same is with F.M. and in many cases its one pigheaded so 'n' so to another. Who is right, who is wrong – IT DOES NOT MATTER. STOP THE THREATS AND LIVE AT PEACE WITH EACH OTHER. The number 1 is C.B. not you and there is a place for all of us A.M. or U.K.–F.M., we are C.B. together. New breakers before you wrongly accuse someone of bleeding over your channel are you bleeding over them, is it you or them or someone/thing you just fail to recognise. Most Highbands try to keep away from F.M. bands and those who talk from A.M. to F.M. just want to know you – another breaker.

Now back to this 'bleeder'! Do you realise just what a serious hobby sidebanding – DXing is. It is the life and soul of some breakers to talk long distance copies and exchange Q.S.L.'s all over the world. It is a very sincere true aspect of C.B. so perhaps he does not intend to bleed over you it could be you who is too near without understanding what is going on. On U.K.–F.M. channel 35 is being adopted as the F.M. long distance channel so they don't want planks on this band.

As C.B. continues to develop in the U.K. here in the magazine from all of our knowledge in C.B. we should now all be living at peace together. TOGETHER, we should once again be organising ourselves to campaign for (i) place for A.M. (ii) a lift on aerial restriction. (iii) more channels.

BRING IT IN.

Peter C.



Dear BOTS

I must thank you for the write-up on "SSB outcasts" in your February issue. I have been on SSB since 21-7-81 on my Ham Major M360, since November 2nd I have had to QSY to between 27.415 MHz and 27.585 MHz, so as not to interfere with A.M. or F.M. This has caused a number of problems as most U.K. D.X. club calling frequencies were around 27.795 MHz e.g. the E.K. (East Kent) who I haven't heard since November 2nd. But this could be due to the 30/9 spaghetti during the day, as for night D.Xing in the U.K. is less than A.M. modulation in this area there is only the F.T. club (Fleet Town) in Toulbury on U.S.B. 27.515.

The call sign I use is CD03, this club was started in 1981 and Charlie Delta stands for Charlies and Diane as the club was started in the year of their marriage. We started with around 70 members but now have around seven left after D-Day.

I am not sure what frequency would be best made legal but one should be. I made a QSO into Sweden and MD101 tells me about the legal SSB frequency 27.235 MHz channel 24. 15 W PEP is all that is allowed in Sweden and on A.M. or F.M. they are only allowed 25 channels, 1-11, 11A, 12-23, 26.965-27.255 MHz. 3.8W.

Me and MD101 QSL every week and he should be coming to stay at my QTH in the summer with his XYL.

I am also interested in SWL, I have a FT 75 3.5-28 MHz and a USA Bendix Aircraft receiver (Second World War) which all run off my S/8 sirtel.

73 to you all. All the best for '82.

Andy Durrant
Colchester

Dear Editor

Now that CBing is in full swing (the legal side) Eyeball cards are beginning to appear and will I'm sure grow into a sideline to CB in the form of collecting them.

I think it is important when deciding on a handle to try and incorporate as much of one's own personality as possible. My wife's handle Edelweiss was selected because she is of German origin, and we took our first holiday together in Switzerland, a sort of honeymoon. Also my wife is paralysed and Edelweiss sums up her character, its meaning when translated is Noblewhite or Purewhite, the flower only grows in the Alps and blooms in spite of adverse weather conditions, my wife is the same, in spite of the storms she has had to weather in overcoming her difficulty she is always bright and cheerful.

My handle comes from the fact that I enjoy Doodling with pen and paper, the other side of it, I was living in Norwood during the Doodlebug period in the war. Our area was known as Doodlebug Alley because the V1 Flying Bombs would fall in our area on their way to London. In my design I incorporate ABC 007, which is in fact the initials of our club the Anchor Breakers Club, Welling, and by coincidence my membership number is 007, I have also incorporated my wife's handle whose membership number is 006, a further innovation is the sum $30 \times 4 = 4335$ and marked wrong, this is in fact our hidden telephone number.

Mr. N. Miller
Welling, Kent



Dear BOTS

Having read the article in the November '81 issue about REACT (U.K.), two points in the article amused me. Firstly REACT say they will become The National Channel 9 monitors. If they are so dedicated to monitoring Channel 9 then why aren't they doing it now in and around BIRD CITY (Liverpool) we have not heard them on the air.

Secondly, we in TEAMS have been on the air monitoring both channel 9's for some time and have a good track record and we have a good liaison with the Emergency services and Automobile services.

We do not need a National Headquarters to co-ordinate the operations and keep maintained with our subs.

Our committees who everyone in all the TEAMS units are elected annually and they are known by everyone and not a faceless name at a H.Q. miles away. I hope REACT are not intending to try and take over formed monitoring services because I for one would opt out and I know of a large number of other breakers who feel the same way.

*Xzanado Delta 16
TEAMS, Liverpool.*

Dear Sir

I am writing to you on behalf of the committee to inform you that we are starting an emergency monitoring service called C.B. AID to monitor channel 09. We hope that when we have enough volunteers to be able to give coverage of the whole of the south Birmingham area.

Our main purpose will be to monitor 09 for 10.33 calls etc. Our other objectives are to be able to assist mobile breakers with Traffic and Weather reports, Directions, advise where all night petrol stations are open, and assist with breakdowns or telephone for assistance.

I do hope you can give us some coverage in your great magazine albeit if only small. For any further information please contact.

John, 112 Arlinton Road, Warstock, Birmingham B14.

*Michael Pugh (Secretary)
(Splitpin) Birmingham*

Dear BOTS

Can you please assist? An American Station wishes to make urgent contact with a SSB/DXer in Upper Heybridge, Oxfordshire or close-by.

After looking all through my old mags, we have been unable to find a club QTH for that or the surrounding area. If you could please help with an ad. or by printing this request we would appreciate it, we are members of the 3B'z club in Billericay.

Thankyou,
73's and 88's.

*Foxy Lady & Gear Jammer
P.O. Box 14, Ingatestone, Essex CH11 1LX*

Dear BOTS

Yorkshire breaker Gregg Graham has risked his life in an attempt to raise £10,000 for charity.

Gregg, of 52 Northfield Road, Driffield, who suffers with a heart complaint, has attempted to walk the 850 miles from John O'Groats to Lands End to raise money for a local hospital.

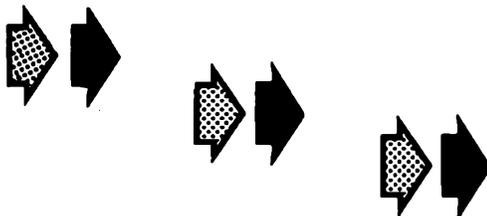
Gregg, whose handle is Big G, intends the money to be used to buy vital heart equipment for the East Riding General Hospital, Driffield.

Doctors have warned Gregg that he could suffer a heart attack at any time during the walk and have ordered him to carry a note explaining his condition in case of emergencies.

Gregg (34) accepted the danger stoically and stated that he felt so strongly about supporting the hospital that he was prepared to risk his life to raise the money.

He added that any donations from readers would be welcome and should be sent to his above address.

*Steve Petch
Driffield, E. Yorks.*



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WHEN YOU'VE GOT THE BEST - FORGET THE REST

Dear BOTS

I have been a CBer and a reader of your magazine for quite a few months now and I would like to say that I am quite disgusted with the attitude of some breakers both A.M. and F.M.

I monitor channel nine quite often and during a monitoring session, A.M. side-banders came onto our (F.M.) channel 9 and cut everything out, so if a 10-33 came nobody could copy and offer any assistance. Then an F.M. breaker (who I know used to be A.M.) and said that if the Side-banders didn't move he would go to 14 and start transmitting names and addresses of local A.M. breakers, fortunately the side-banders took heed and cleared off. This in my mind is childish, why can't A.M. breakers leave us F.Mers alone, after all who pays the licence.

Regarding the controversy between AMers and FMers I think that the AMers should have a Ratchet on somebodys FM rig that is set up properly, they will soon notice the misery that FMers are going through and how far FM rigs can get to. I believe through my own experience the FM can get further, I should know I used to be AM.

10-10 we're down and gone.

*Trebor Mint
Tingley, Nr. Wakefield*

Dear BOTS

On reading your article in the February issue, I would like to point out that if everyone turns legal and does not try to still get AM legalised they are letting disabled people down who first started to use C.B. along with other breakers and found it gave them a new lease of life and also freedom for their families, as they could go out and still keep in contact with them, also from your bed or wheelchair you can choose what you want without leaving the room when they go shopping.

People seem to think C.B. is just a hobby or a toy but to a disabled person like myself it is a LIFELINE and you feel useful too because we can monitor channel 9 and get a great kick out of helping someone else instead of someone having to do for you all the time, in fact in plain words it gives you something to live for. If FM had been alright for me I would have changed immediately but living

in a rural area the range is not far enough and to be able to keep in contact with my family when they leave me alone there are not enough channels.

I would not be able to pay a fine so would have to go to prison but at least it would be a change of my own prison of four walls, but my neighbours, doctor, specialist and friends are great and I cause no interference, so why can't I be allowed to buy a licence and have no worries, as my C.B. is priceless to me. So think of us a little we don't want sympathy or something for nothing just your FULL support in helping to keep us on the air. I have bought your magazine since it came out and feel hurt to hear you say you won't HELP!

I forgot to mention most F.M. breakers in W. Yorkshire are using illegal twigs and boots because they cannot get out any other way, and if we illegal breakers hadn't bought your magazine in the first place, you wouldn't be so great now.

*Moonshine Mama, Big W,
W. Yorks.*

ED. You value a rig and like 3 million others like us, like A.M. Did you read Touch of Charity March cover? If you read February's Editorial that said we stand for C.B. we've got racial equality, we want breakers equality not animosity from either A.M. - F.M. - S.S.B. - U.K. F.M.

Send your letter to:

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84 Higher Ridings
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Natcolcibar

the voice of Citizens' Band radio users

Natcolcibar: Its aims and intentions

IN this article, "Citizens' Band Radio" or "CB" means a general two-way radio facility, simple and cheap, made available to citizens as of right without requirement to prove need, for any communication whether on private or business matters. Hitherto, Governments have without exception regarded such general use as having and deserving the lowest of all priorities in the allocation of radio spectrum. A dedication to raising this priority is inherent in all that follows:

1. To promote the use of Citizens' Band Radio in the United Kingdom.
2. To achieve harmonisation of UK CB standards with those of other countries and, eventually, the world, especially by affiliation to supra-national CB organisations.
3. To promote acceptance and approval of CB by non-users.
4. To co-operate with users of other forms of radio:
 - (a) towards mutually satisfactory sharing of the radio frequency spectrum and avoidance of mutual interference;
 - (b) for co-operation in approaches to the regulatory authorities for improved and/or increased allocations of spectrum.
5. To co-operate with all organisations in society, both public service and voluntary, to which the communication capabilities of Citizens' Band Radio users can be of assistance.

Membership is open to all Clubs and other groups having the same general aims as Natcolcibar, and also to individual members who support these aims.

It is well represented in Parliament by its President the Rt. Hon. Sir Patrick Wall, TD, MP and Austen Mitchell MP, who are both members of the Parliamentary Working Party on CB. The present chairman Ian Leslie has recently been elected to the position of Vice President of the European CB Federation, and is also on the committee advising the Home Office on all aspects of radio interference, particularly on cause and effect in relation to CB applications.

In conjunction with the Mobile Radio Users' Association, the Society of Model Aeronautical Engineers, Natcolcibar proposed in June 1981, that a committee be formed to assist the Home Office in self policing of the frequency band 26.965 to 28.00 MHz, and for an immediate introduction of a Citizens' Band Radio Service consisting of 25 channels in band 26.9 to 27.5 MHz. These channels to be chosen from the International CB 40 channels, as USA-FCC. The 25 channels not interfering with the licenced Radio Paging and Model Control Users, with the balance of 15 channels to be withheld until the licenced users move to a band of their choice by common consent.

Unfortunately this proposal was not acceptable to the Home Office, who were advised by the Radio Regulatory Division to allocate for the use of CB the frequencies 27.60125 to 27.99125 MHz using FM only.

Against strong resistance this system was legalised on 2nd November 1981, resulting in the chaotic situation prevailing at present.

Natcolcibar is not against FM as a mode of emission, it is a matter of record that it is campaigning for compatibility on frequencies as used within the European Community, and that means AM/FM/SSB. This is the mandate given by its members and one which Natcolcibar will attempt to achieve this year.

To do this requires help. Individualism will not count in this fight, it is only by a unified campaign that the aim will be realised.

Resist the apathy. Let the camaraderie that existed before legalisation spring forth again, and if you believe in the aims and intentions of Natcolcibar, it is only by joining and adding your voice to many thousands of others that they will be achieved.

For further details write to:

NATCOLCIBAR

Mr. Steve Donohue, 430 Westwood, Windmill Hill, Runcorn, Cheshire, WA7 6LL.

Mrs. Madeleine Parkes, 80 Old Oslett Hill, Great Barr, Birmingham B44 9SP.

Mr. T. Hargest, 47 Langdale Road, Great Barr, Birmingham B43 5RB.

BASIC C.B.

Newcomers to C.B. radio may find choosing the right equipment to get started on more than a bit of a task. There are so many different rigs and accessories on the market that a guide to what is needed could be very useful. This article written with the new breaker in mind describes how to set up a legal C.B. station with the minimum of trouble.

The first item of equipment to buy and probably the most difficult to choose is the rig, the main thing to remember is that a legal rig must have a maximum of 40 channels, a maximum of 4 watts R.F. power output and must only be capable of frequency modulation (F.M.). Fortunately rigs that conform to the legal specifications must have the mark of compliance indelibly stamped or engraved on the front panel of the set, this mark is as shown:



for the 27 MHz band (27.60125 to 27.99125 MHz)

or



for the 934 MHz band (934.025 to 934.975 MHz)

Note: The 934 MHz band is 20 channels and 8 watts maximum, F.M. only.

You will notice that as well as the popular 27 MHz band another band, the 934 MHz band has also been allocated to C.B., but as the cost of 934 MHz equipment is high and its use and availability scarce at the moment, beginners are best sticking to 27 MHz equipment (more on 934 MHz, see December 1981, B.O.T.S.).

Before you choose a rig think carefully about where you are going to use it. If you are going to use it in a vehicle then of course you must get a rig intended for that purpose and capable of running off the car battery. A mobile rig can also be used in the house when used with a suitable regulated power supply unit to step down the 240 volt A.C. mains to 13.8 volts D.C., do not use anything else other than a proper C.B. power supply unit or a 12 volt car battery to power your rig, using a battery charger or model train transformer will damage the rig!

If you only want to use the rig at home, you may like to consider getting one of the base station rigs, these are purpose built for use at home and have a built-in power supply unit so that it can be plugged straight into the mains making it a much neater set-up, some base station rigs even have built in S.W.R. meters (more on S.W.R. meters later) so that the only accessory required with the rig is a suitable antenna, thereby offsetting somewhat the extra cost of home base rigs.

As well as mobile and home base rigs there is another type, the hand-held rig or 'walkie-talkie', these are as the name suggests rigs that can be carried around wherever

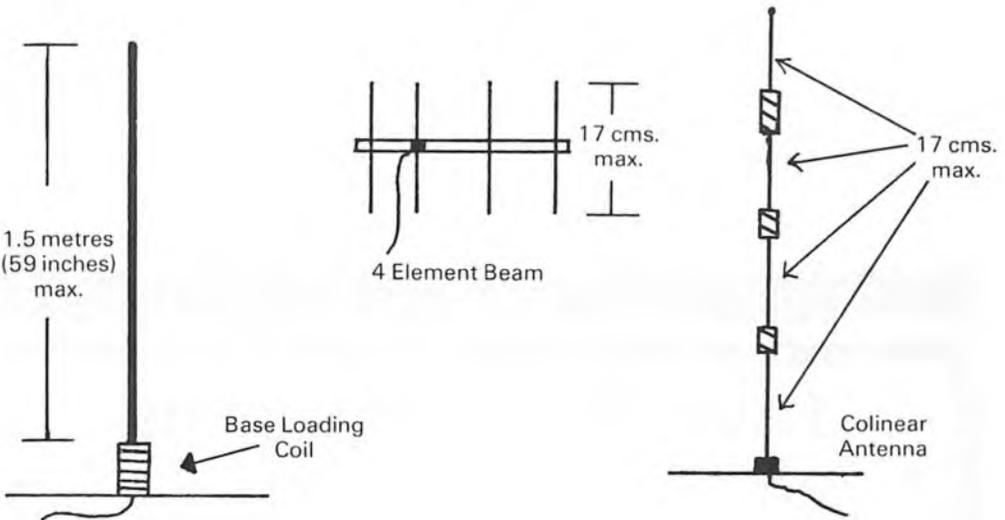


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you go and have their own integral antenna and battery power supply. Hand held rigs are ideal for such uses as hiking etc., but should not be bought as an apparently cheap alternative to a proper mobile or home base set up, most hand helds do not give out the full 4 watts and the built-in antenna is nowhere near as efficient as a mobile or home base antenna, also dry batteries don't last long and you will have to buy rechargeable batteries and a charger which are extra.

Rigs vary widely in price depending on what features they have. A basic mobile rig costing in the region of £60 will have the minimum of controls, these are the volume control, squelch control and channel selector. The more expensive rigs have extra controls such as R.F. Gain, Mic Gain, tone control, etc., many of these controls you will never use so don't choose a rig just because it has a lot of knobs. I would recommend however getting one with either a R.F. Gain control or a DX/Local switch to minimise the effects of other stations operating close to you.

We now come to the most important accessory, the antenna. Even though the type of antenna you can use is restricted by law, there is still a wide selection to choose from, but



Legal antenna for 27 MHz band

Legal antennas for 934 MHz band

contd. over

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BASIC C.B. contd. from page 9

basically one legal antenna is as good as another provided the whip is as long as possible. Make sure the antenna is of good construction and will withstand our British weather, also if you buy a magnetic mount antenna avoid those that measure less than 3 inches across the base or else it could end up embedded in the fast lane of the M1.

The next step is to mount the antenna. In the case of mobile use undoubtedly the best place to fit it is in the centre of the roof although mounting the antenna on the wing not too close to the windscreen frame will give acceptable results. Base loaded antennas do not give good results if fitted too low down on the car, so bumper mounts are not a good idea. For home base use remember you are supposed to reduce your power to 0.4 watts (most rigs have a switch for this purpose) if your antenna is higher than 7 metres (23 ft.) from the ground. If you want to keep within the letter of the law it is usually better to keep your antenna within the 7 metres and use full power, unless extra height is needed to get the antenna above nearby objects that are causing severe screening.

Once the rig and antenna are fitted all that is left is for the antenna to be tuned with the aid of a S.W.R. (Standing Wave Ratio) meter. This is a straightforward process, the whip of the antenna is lengthened or shortened by sliding it in and out of the loading coil (some antennas use other methods) until the lowest possible S.W.R. meter reading is obtained, usually this is 1.5 or lower. S.W.R. meters are fairly cheap, about £6 upwards, but as they are only really used for the initial setting-up and occasional checking of the antenna you could save yourself some money by borrowing one off a friend, also most reputable C.B. shops will be happy to tune your mobile antenna free of charge, provided of course you bought the equipment from them. (More on antennas and S.W.R. see B.O.T.S. May 1981), happy breaking ●

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BURNERS

— a few facts

Too many breakers are using burners in an attempt to boost signal strength. There are a whole load of reasons why the results are less than OK.

Question: "I have a 200 watt burner. It gets very hot and other breakers say my A.M. signal is no louder with it operating. They say my voice is severely distorted. What is wrong?"

Answer: "Your 200 watt burner is really only capable of 200 watts under SSB conditions. That is 200 watts of input power, which means around 100 watts of actual signal into the twig".

Question: "But it is a 200 watt burner. It says so on the front".

Answer: "Some breakers will believe anything! Your burner may take 200 watts of sideband, but its probably not good for more than about 50 watts of A.M., perhaps 75 watts at the outside. The reason is simple; it is difficult to amplify A.M. signals efficiently. You need a very big burner indeed to get anything like 200 watts of signal. A 600 watt burner for SSB would be OK for 200 watts of A.M.".

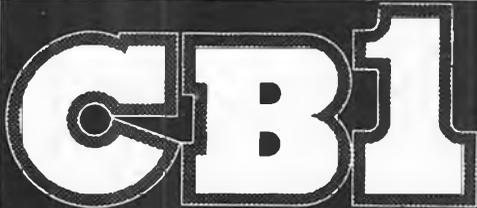
Question: "What about F.M.?"

Answer: "Your 200 watt burner is probably good for at least 75 watts of F.M. with no trouble at all. The important thing to remember is that both F.M. and A.M. make the burner run *continuously*, as long as the rig is transmitting. On sideband the burner only works hard when you are actually ratcheting. In between words and syllables it gets the chance to rest a bit. In other words, it only works part-time on sideband.

Question: "If I get 100 watts of sideband out of my burner, where does all the rest of the 200 watts go?"

Answer: "You are beginning to get the idea. The difference between input and output is turned into *heat*. That is what wrecks burners if you hammer them too

contd. over

The logo for CBI (Centre Base One) features the letters 'CBI' in a large, bold, stylized font. The 'C' is a thick outline, and the 'B' and 'I' are solid black with a white outline. The '1' is also solid black with a white outline.

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BURNERS contd. from page 13

hard. The heat burns up the burner if you let it. The amount of heat is greatest with A.M. and F.M.; a lot less with sideband, *UNLESS* you use a power mike or audio booster which greatly increases the audio level into the rig."

Question: "What happens if I put too much signal into the burner?"

Answer: "Your neighbours will tar and feather you, probably before ramming your rig ----- (censored: Editor)."

Question: "Why?"

Answer: "Too much input or driving signal and your burner will go into super distortion mode, causing beautiful TVI and knocking seven bells out of large parts of the channels. The reason is that it was designed for particular levels of driving power and output power."

Question: "How big does a burner have to be to do any good?"

Answer: "It must have at least four times the power *output* of your basic rig before anybody notices much difference at all. That means in practice that the burner must be rated *at least* eight times the power of your rig, because burners are only about 33 per cent efficient on A.M. (yes, 66 per cent of the power goes in heat) 55 per cent efficient on sideband and 65 to 75 per cent efficient on F.M. The rest goes into heating the burner up."

Question: "Is the input power the amount of signal I get from my rig, or is it the power from the power supply (mains or battery) to the burner?"

Answer: "Sorry, I forgot to explain that one! The signal power from your basic rig drives the burner, so we call it the driving power. The power taken by the burner from the mains or battery is the input power. What goes into the twig is the output power. Output power divided by input power, times 100, is the efficiency in per cent. The difference between input and output is the power wasted in heat."

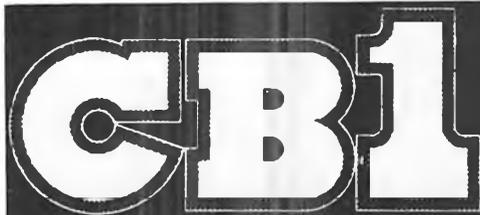
Question: "Now I get it. What else can go wrong?"

Answer: "Plenty. I have not even begun to talk about impedance mismatches and intermodulation products."

Question: "What is that lot?"

Answer: "Firstly, if you operate a burner into a high SWR or if you cock up the tuning adjustments, you can get extra overheating and an awful signal that

contd. on page 18



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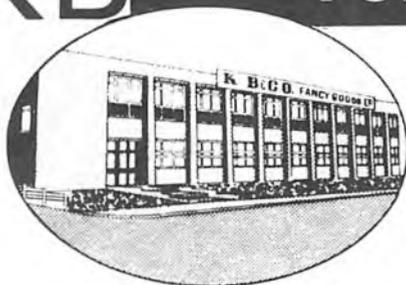


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To the Editor!



PATHFINDER



Dear BOTS,

Congrats on your Editorial (February '82 edition), in particular the last paragraph!

Whilst illegal activity of any kind cannot, from an official viewpoint, be condoned, we do need to remember that but for the various campaigns by 27 MHz A.M. breakers over the past few years – the 27 MHz F.M. facility would possibly never have come about, and I daresay that certainly F.M. breakers would not have any Rights of access to C.B. activity today.

Having said that, it is noted with regret that a handful of bucketmouths on A.M. are bringing Citizens Band radio into disrepute here in West Hertfordshire, and I understand elsewhere, and the vast majority of good buddies on both A.M. and F.M. are being tarred with the same brush by the uninitiated and the misinformed . . . which is not only a pity, but needs sorting out.

As to DX-ing, surely if folks want to QSO with stateside and other overseas operators – then they should do some R.A.E. swotting and go get an Amateur Radio licence, and leave local breakers to ratchet a penny to the dozen without SSB wangups – and bleeding pests causing QRM!

In my view the Home Office has much to answer for, having created a situation in which British breakers will be penalised if they are lucky enough to be in a position to go on overseas holidays, and are daft enough to take their F.M. rigs with them. Surely we have whizzkids in this country who can get around to producing a filter to suppress TVI and thus open the door to bring the U.K. into line with overseas C.B. facilities? Meanwhile I'm after an F.M. homebase rig – but appreciate the efforts of the A.M. breakers, despite the selfishness of bucketmouths, who are, after all, a minority of anti-social misfits.

LEX-ARNOLD, A.
"Pathfinder Leader"
West Herts. 20.

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Peter G.

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S.C.R.E.A.M.

Channel 9
C.B. Monitors

STOCKPORT CITIZENS RADIO EMERGENCY ACTION MONITORS

IS a channel 09 emergency monitoring organisation, who intend to provide where possible a 24 hour monitoring service. This can not happen until more C.Bers join the emergency network. Although we started in Stockport we are now moving into more areas, we are the accepted 09 monitors of Mandate C.B. 81 who consist of 16 clubs in the Greater Manchester area. We are also associated with the following groups: National, Emergency Service, T.H.A.M.E.S. Medico 9 and National Emergency Association. The latter one bringing together all emergency services not just C.B.

We have two types of members: (1) Home base – this is where housewives, pensioners and disabled people assist us by becoming monitors, all must be on a phone.

(2) Mobile – these are people who use the road a lot and if they come across an accident they put out a call and then return to the specified area and assist until the appropriate emergency services arrive on the scene. They will be taught the following accidental first aid, search co-ordination, traffic control and will carry the following: First Aid Kit, Fire Extinguisher, Red Warning Triangle, Torch, Orange Day-Glo Waist Coats.

It is not the intention of S.C.R.E.A.M. to try to replace the proper emergency authority, our aim is to assist them in whatever way required. In fact the local police, ambulance, fire service think it is a good idea and are 100% behind us.

We also hope shortly to get all the 09 monitor groups together and to try and get different ideas and ways sorted out and to try and get each one assisting each other until all the groups get together under a general body it will be hard to get it passed in law that channel 09 is to be used for emergencies only and not for talking on like it tends to be these days. If secretaries from other groups will contact me I will give details of the meeting to them.

One problem we are finding is that for sponsorship which is much needed. We applied to manufacturers and people concerned in general with C.B. People who make money out of C.B. It seems that the majority of them do not want to put any of it back into C.B. emergency use. A couple have said we can have equipment at cost and Binatone sent us a clock radio to raffle, thank you Binatone. Mr. D. Flood of Quaffers also assists us by giving us the use of this club each Monday to hold a social. We hope that some of these people making this money will shortly put some of it back into C.B.

S.C.R.E.A.M. provide the following assistance on 10-33s, 10-34s, 10-13s, late chemists, directions. We will also be having teach ins by the various emergency authorities.

If any breakers would like further details of the following: Membership, Sponsorship, Meeting of Emergency Monitor Groups or new areas to be covered please contact the following:

Director:

Paul Lewis (DJ One)
25 Hollowend Towers
Brinnington
Stockport
Cheshire
Tel: 061-494 6001

Area Co-ordinator:

Kevin Lloyd (Steelnut)
24 Reservoir Road
Edgeley Park
Stockport
SK3 9QJ
Cheshire

Remember . . . if in trouble . . . scream for help.

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B.O.T.S. Talks with...

BREAKER 1-9

DISTRIBUTORS

FOR THE LEGENDARY



CHEROKEE.

Since the Legal Day we have seen so many shops in the High Street suddenly promote C.B. and with this in our minds eye at B.O.T.S. we do not forget how C.B. started in the U.K. with the campaign of illegal A.M.ers and demand for accessories greater than supply. Jeff Both set up an independent operation with C.B. firmly set in his mind with all contingencies planned if there should be any change in the market place – A true business for C.B. Jeff's report is on an independent who with foresight secured distribution rights for a very attractive aerial that meets U.K. specification. The CHEROKEE.

Breaker 1-9 was founded in 1980 by Jeff Both, with a small retail shop at 4 The Arcade, Hitchin, Herts. It was not until mid-1981 that B 1-9 also took over the substantially larger No. 5 The Arcade, although B 1-9 had been principally a wholesaler for some time before that.

Until the Summer (1981), B 1-9 was the main importer of the Valor range the brand many people thought OCT was also importing but in fact they were "just very good customers".

B 1-9 saw its role as the factory's agent, promoting the Valor brand in the media and distributing it to the trade via selected wholesalers. Care was taken to keep the market "clean" – in terms of avoiding price wars and overselling – wholesalers were sufficiently separated to be able to find new customers without encroaching on each other's territory. This policy was almost without exception successful, and meant that most of the customers which began trading with B 1-9 have continued to do so, for which they are extremely grateful.

Out of the blue B 1-9 received a solicitors letter from the Valor Heating Co., claiming that to sell aerials with the Valor brand was a most serious case of passing off. After extensive consultation with Valor in the U.S. and solicitors in England, B 1-9 decided to refrain from selling under the Valor trade mark and looked for a workable solution – CHEROKEE was born! CHEROKEE was launched just weeks prior to legalisation amid a flourish of publicity. The success amazed not only Jeff Both, but also his brother Michael who had joined him by this time. Shipments which had been

scheduled to go by sea freight were rapidly switched to air, to meet the enormous demand by both the specialist C.B. shops and the large chain stores such as Dixons and Currys.

The CHEROKEE range hinges around the HALF BREED and DIAL-A-MATCH antennae. The first is a stainless steel 60" base loaded type, which SWRs by sliding the whip into the coil, and fixing it by tightening two small set screws. The DIAL-A-MATCH has the easiest SWR adjustment around – the two rings which surround the coil are screwed up or down to give the lowest reading and then tightened against each other to lock them in position. While satisfying the most critical breaker, the DIAL-A-MATCH is ideal for beginners, as any error may be easily corrected by slackening off the ring and starting again from scratch. The other main advantage of the system is that while the SWR is low across 80 channels (40 for the 24" version), the breaker may adjust his aerial to suit the band he is using, AM or FM, so that if he runs both types, he only needs one antenna. The HALF BREED approaches the problem in a different way – it works across 480 channels!

The quality of the antennae is without question superb – each is tested four times during the assembly process and SWRd to be below 1.7:1 when it reaches the customer.

Another popular feature of the CHEROKEE range is the wide choice of mounts offered. There are mount for bumpers, boots, hatch-backs, wings, gutters and roofs, as well as mirror mounts and a swivel ball which allows fitting at any angle. All of these are made out of top quality stainless steel, to give years of trouble free breaking. Many C.Bers will have found out that it was worth paying the extra for the ultimate in quality after the recent bad weather. The difference in performance is immediately obvious with magnetic mounts – the CHEROKEE mag mounts don't fall off!

Many breakers have found to their cost that some people will go to great lengths to steal the rig and twig they have gone to so much trouble to choose. In recognition of this, B 1-9 has offered the quick disconnect, which allows the aerial to be removed from its mount with a simple push and twist, to be stowed in the boot out of harms reach. It is also suitable for garages with low roofs (the quick lay flat serves the same purpose).

The other popular anti-theft device marketed by B 1-9 is the NAILER. The NAILER fits between the C.B. rig and its aerial. If either are removed the car's horn is automatically sounded. A useful feature of this inexpensive "insurance" system is that it is permanently set, thus there is no danger of leaving it off on the occasion that some villain makes his move.

Many people have asked why CHEROKEE have not brought out their own brand of SWR meters and C.B. radios – the reason for this is very simple. They decided to specialise in the areas they excelled at, namely mobile C.B. aeriels. There are plans to introduce a legal base station antenna, but to date nothing suitable has presented itself.

In their advertising campaign for the CHEROKEE brand, they have tried to add an element of humour, hence the CHEROKEE legends. We are always looking for new copy, and would be glad to receive any suggestions for future legends, together with any comments on ones which have already appeared. Keep a look-out in B.O.T.S. over the coming months ■

RIG REVIEW



UNIDEN MODEL UNIACE 100

Those of you who used to (or still do) break on A.M. will probably remember the popular range of PRESIDENT rigs, however what you may not know is that these rigs were actually manufactured by UNIDEN who also made rigs under other famous names such as COBRA and MIDLAND. With the introduction of legal C.B. in the U.K. UNIDEN have launched a range of F.M. rigs conforming to British specs., but under their own name, the basic rig is the UNIACE 100.

The UNIACE 100 has the minimum requirement of controls plus public address (P.A.) facilities and has the appearance of its A.M. counterpart the PRESIDENT VEEP, if you like plenty of chrome finish you'll love this rig. UNIDEN have had a lot of experience in rig manufacture, both C.B. and 'Ham' so it's not surprising that this rig performed well on test. Audio quality is particularly good and it handles strong signals very well, a feature which is sadly lacking on many other rigs. One minor criticism I have is regarding the squelch control, if the squelch control is advanced more than about two thirds clockwise even the strongest stations fail to open the squelch so you have to remember not to turn it too far, or you could have a very lonely life. The approximate retail price of this rig at the time of writing is around £85.00

SPECIFICATIONS

R.F. Power Output – 4 watts (high) and 0.4 watts (low) selectable by switch on front panel.

Modulation – F.M. (F3E).

Sensitivity – 0.7 μ V for 20 dB S/N.

Power Requirement – 13.8 volt at 2 amps.

Size – 140 mm (5 $\frac{1}{2}$ ") wide x 40 mm (1 $\frac{9}{16}$ ") high x 205 mm (8 $\frac{1}{16}$ ") deep.

Channels – 1–40 (27.60125 to 27.99125 MHz).

BRITISH HEART FOUNDATION

PATRON: H.R.H. The Prince Philip, KG, KT

Are holding a **SPONSORED RUN/WALK/JOG** around **GREENWICH PARK, S.E.** to raise money for Heart Research on **SUNDAY, 18th APRIL, 1982**, between 10 a.m. and 1.00 p.m. **'VOLUNTEERS WANTED'**

Apply to Mrs. Joyce Conway. Tel: 01-858 0515 or Mrs. Gwen Martyn, London Organiser, British Heart Foundation, Langthorne Hospital, Langthorne Road, E11. Tel: 01-539 8828



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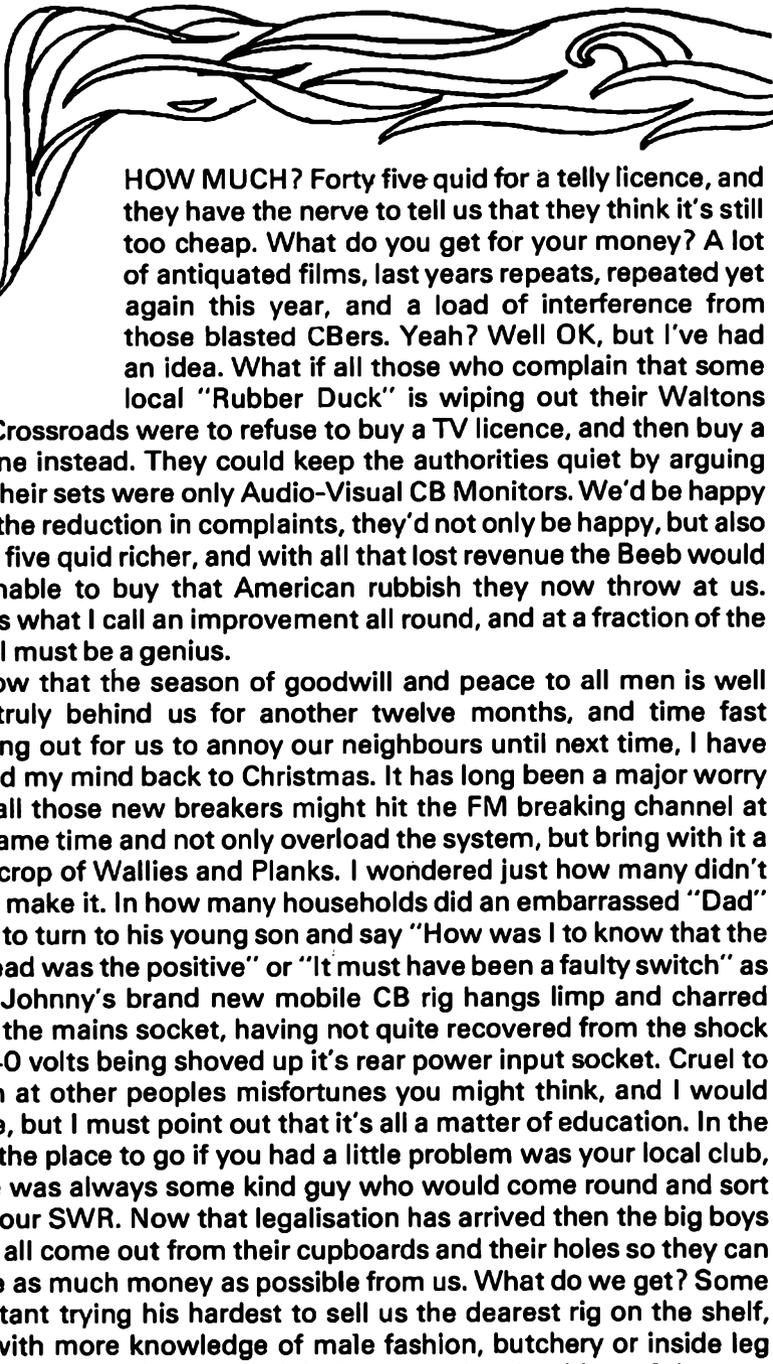
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Sid CB



HOW MUCH? Forty five quid for a telly licence, and they have the nerve to tell us that they think it's still too cheap. What do you get for your money? A lot of antiquated films, last years repeats, repeated yet again this year, and a load of interference from those blasted Cbers. Yeah? Well OK, but I've had an idea. What if all those who complain that some local "Rubber Duck" is wiping out their Waltons

and Crossroads were to refuse to buy a TV licence, and then buy a CB one instead. They could keep the authorities quiet by arguing that their sets were only Audio-Visual CB Monitors. We'd be happy with the reduction in complaints, they'd not only be happy, but also thirty five quid richer, and with all that lost revenue the Beeb would be unable to buy that American rubbish they now throw at us. That's what I call an improvement all round, and at a fraction of the cost. I must be a genius.

Now that the season of goodwill and peace to all men is well and truly behind us for another twelve months, and time fast running out for us to annoy our neighbours until next time, I have turned my mind back to Christmas. It has long been a major worry that all those new breakers might hit the FM breaking channel at the same time and not only overload the system, but bring with it a new crop of Wallies and Planks. I wondered just how many didn't quite make it. In how many households did an embarrassed "Dad" have to turn to his young son and say "How was I to know that the red lead was the positive" or "It must have been a faulty switch" as little Johnny's brand new mobile CB rig hangs limp and charred from the mains socket, having not quite recovered from the shock of 240 volts being shoved up it's rear power input socket. Cruel to laugh at other peoples misfortunes you might think, and I would agree, but I must point out that it's all a matter of education. In the past the place to go if you had a little problem was your local club, there was always some kind guy who would come round and sort out your SWR. Now that legalisation has arrived then the big boys have all come out from their cupboards and their holes so they can make as much money as possible from us. What do we get? Some assistant trying his hardest to sell us the dearest rig on the shelf, but with more knowledge of male fashion, butchery or inside leg measurements. It must be laid firmly on the shoulders of the new money makers, if they want to cash in, they should also face up to the responsibility of educating new breakers. Over the next few



weeks I'll be wandering round the local outlets, and if you do the same and let me know your findings, we might be able to put a bit of pressure on.

Now that your little brains have fully recovered from the buckets of alcohol, and shovelfulls of turkey and pudding you threw down your throats at Xmas, I'd like to bore you with matters political. Think about Poland (nobody's forcing you to), but first realise that it isn't a back street regime, but a highly developed European nation, and one that caused us a few World Cup problems a few years ago (swine). Poland has, or more to the point had about 5,000 Radio Hams, and you would think that it was nigh impossible to completely shut not only the Hams up, but also every other channel of communication. Well not only was it possible, but they did it almost overnight. Now then this might just be the answer to our own Governments attitude to DXing. While the means of outside communication remain comparatively few, they are easy to control, but if the airwaves were opened up for us all then the powers that be would have to relinquish that power. What are they afraid of? Are they afraid that we British might be corrupted by the outside world, more likely the other way round. Do they really believe that the Empire still exists, and that the wogs begin in Calais? Are they worried that we just might find out that Ivan from Moscow instead of sitting in a tank waiting to blast us from the face of the earth, just might be more worried about his next gas bill, or whether Moscow Dynamo will get to the Soviet Cup Final.

A last word about recent goings on. In the past I have frequently had a go at the belief that goodbuddie is in fact a good buddy. Well I'm told that the Police were called out to a house to catch a CBER actually on his way to an eyeball. (He must have been short sighted). Innocent enough you might think, but he was caught halfway up a young lady's drainpipe. Think what you like, but for God's sake realise that people are the same good, bad, and some even worse whether on CB or not, and just because they have a rig and a handle badge doesn't make them all good.

Tara Sid XXX.

DXing.....WE

What is a Q.S.L. D.X. Club and what are its aims. These are organisations set up by C Bers and DXers alike who want to promote the hobby of Q.S.L. card swapping. Having established what a Q.S.L. card is, apart from just using them to confirm a Q.S.O. a great deal of pleasure can amount from collecting cards from people you may not ever Q.S.O. with. In the past I have already mentioned English International and De Zeemermin Q.S.L. Club of Holland.

A good club will ask you for a supply of your cards, normally 10 to 15 and they in turn return to you an assortment of cards from all over the world. This costs absolutely nothing, the expenses are just down to the club you sent them to, distributing your card to each new member it makes.

If you wish to join the club and take part in its activities a one time fee of £5 to £6 subscription will be asked for. For this amount you would normally receive Club Unit No, Wall Certificate, I.D. Card, Rubber Stamp, Q.S.L. Cards from other members plus many other items that are available from the club, too numerous to mention. Information of the clubs country will also be given included in your package so giving you a geographical and historical idea of that country.

When DXing try and use your unit no. issued you by the club, that way if you contact a member in another country you will already have something in common.

Some of the most active call signs being used on frequency that I hear are mainly Whiskey Whiskey, Canada, Alfa Tango, Italy, Echo India from England and of course the Bravo Bravo of England.

The idea of a Rubber Stamp is to show that you belong to a club who respects Q.S.Ling and will do so 100% upon receipt of another from elsewhere. If any of you have spoken to stations and they boast of belonging to one organisation or another and they don't return your Q.S.L. write to the club concerned and they in turn will ensure that all other clubs know of the problem. Most of you who are active DXing Q.S.Lers are obviously aware of these problems.

Some clubs have a P.O. Box which is available to its members so much easier than using your home Q.T.H. when you consider DXing is illegal. The club in turn will post on to you your mail free of charge. It may be noted that you should only use the P.O. Box of a local club and not the one abroad as the cost of postage is high enough already. Another point to remember is when using this facility always use your club no. when DXing, so that when the mail arrives they can see by going through the members book who each envelope is for. At my own club "Big Ben" I have nearly 20 envelopes addressed to personal stations but no Q.R.A. to help.

I belong to over 300 clubs worldwide and every month I will be featuring one club and letting you know of its activities etc.

One club I would like to mention is the "No. 1 Q.S.L. Club of Great Britain" based in Horsham Sussex and run by Mike Cooper. Unfortunately Mike is leaving England to live in Spain and so the club may have to fold. Obviously existing club members wouldn't like this to happen and so anyone who feels they can take over and run a Q.S.L. club please ring me on 04868 20734 after 6 for details. Membership stands at 75 and the new President will have to be dedicated to Q.S.Ling and DXing.

In later editions of B.O.T.S. we will be showing examples of Q.S.L. rubber stamp from all over the world. My collection is over 400 and anyone who thinks they have one I haven't let me have an impression and tell me where I can get it. I am particularly interested in personally designed stamps.

QSL, YOU QSL

Now to the letters, remember my old friend November Alfa in Greece I spoke to, well he's also appeared up in Oldham. Station Juliet Tango 39 wrote to me telling me he spoke to him on 18 12 81 on 26 745. John was mobile at the time listening to him talking to what he assumed to be a French Station. John interrupted in "Pidgeon French" as the Greek station was stronger and to cut a long story short they had a quick Q.S.O. and swapped Ad's for Q S L. Just like me John never received anything, so what I have decided to do is ask you all if one of you has Q S Oed with November Alfa in Greece and HAS received a Q S L. card please send it to me or the magazine. We will publish it and return it to you. Surely this guy has Q.S.Led with someone in England.

I have no more tips on D.Xing and Q S.Ling so please don't send anymore S A E's to me, but it was good to know that people really do want to get into D Xing.

Paul in Northern Ireland, Station Romeo Romeo wrote in with his first D.X. contact of 1982. Paul spoke to a guy in Belgium, but his Q S O started on Dec. 31 1981 and so I don't think it counts as he was already talking when 1982 started.

Unit 265 in Scotland operator Steve claims to have spoken to a station in Hong Kong at 4 minutes past 12, congratulations Steve. Please let me have a copy of your Q.S.L. card from the magazine when it arrives. Steve was running 500 watts through an AV140 moonraker when he got his Q S O. in Taipo Hong Kong.

A lot of FM Breakers are complaining that D Xers are "walking over" their transmissions. I am sorry really, but it is a problem I cannot solve and I do sympathise with you. All I can ask is that D Xers try to use channels that do not interfere with local FM Breakers.

A great letter I had last week was from a woman in Leeds called June. June is a bingo player as well as a D.Xer and reckons that one of the bingo callers also a D.Xer calls out a numbers and uses C.B terminology, i.e 1 and 4, the breaking channel 1 and 9 only for truckers, 7 and 3 the golden no's and all the eights to all the ladies 88 Very funny I must admit. Is there someone out there doing anything similar.

Time is nearly at an end for designing a card for B.O.T.S. so if you have a design pop it in an envelope and send it to the mag. So far we have had (wait for it) no entries, so it shows one of two things: One, there are no artists who read this article or you are all waiting for the rail strike to end.

This month I am off to a club meeting in Barnstaple to do a DX lecture so I will be looking forward to meeting the North Devon Breakers. Any other clubs locally that have a DX section, let me hear from you, especially those who would like featuring in B.O.T.S.

Next month as usual I will include your letters, QSL cards and starting off the 100% QSLers list. Plus any more news on the notorious November Alpha, in Greece. Until then, that's about it, except to say good DXing and if we don't catch you in the air, catch you in the mail.

Your friend in QSLing

Duke

DUKE BB 001
P.O. BOX 14
GODALMING
SURREY
GU7 1HY



THE EVIL... BUCK FUZZY

THE CULT FIGURE OF C.B. No. 10

WHILE B.F. IS AWAY ON A WORLD TOUR SPENDING C.B. LICENCE MONEY, GUS THOMS AND HECK SIZE ARE OUT DOING ILLEGAL BREAKERS - BUT.....



A LOT MORE SNOW



TRAPPED AND ISOLATED, ALL SEEMS LOST, BUT HELP IS AT HAND



BACK HOME - SAFE, WARM, & DRY - OOOOPS!



MEANWHILE BACK WITH FUZZY (DOING HIS POLITICAL WORK AS THEY ALL DO)



AN INVITATION TO VISIT THE EUROPEAN CONGRESS ON RADIO COMMUNICATIONS



THE ANSWER WAS SHORT AND SHARP -



ISOLATED AND AT ODDS WITH HIS EUROPEAN NEIGHBOURS THERE IS ONLY ONE MAN HE CAN TURN TO..... COUSIN PRESIDENT - RAY GUNN



'HI RAY! THIS IS A MATTER OF SOME GLOBAL IMPORTANCE! WHERE ARE YOU?



OH! I'M SORRY THOSE OLD RAY GUNN FILMS ALWAYS SEND ME TO SLEEP! ANYWAY, BACK TO THE PLOT! WHAT'D YA MEAN, WHAT PLOT?

AWAKE AT LAST - FUZZY FINDS THAT ALL IS NOT WELL.



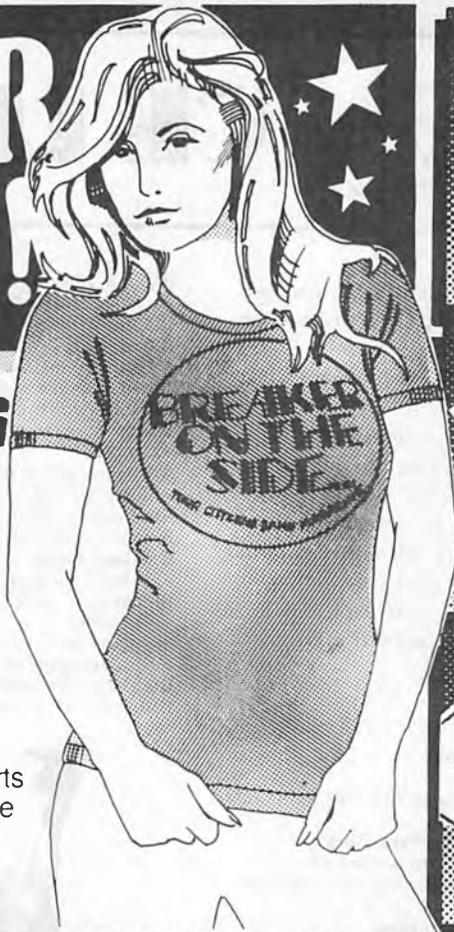
AN ANSWER TO A DEMAND OF THE RETURN OF ALL LICENCE MONEY IS SENT TO THE KIDNAPPERS.



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QUANTITY												

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BREAKER ON THE SIDE ix

TERMS

CB LINGO

By now we are confident that you are aware we have set the policy to be your very own quality CB magazine. Against this we consider, accept and appreciate all your points of view. The CB Lingo is of great interest especially to new CB enthusiasts, so we have decided to feature this index in the supplement section of every month's magazine. We are here to help you and indeed will always amend this directory as new lingo comes to our cars. All the good numbers to everyone out there, and keep bringing it on in.

A little help – extra power
Adios – leaving the air
Advertising – marked police car with lights on
Affirmative – yes
"All the good numbers" – best wishes
Alligator Station – all mouth and no ears
Amplifier – device for increasing signal strength
Back door – last vehicle in a group
Back out/off – stop transmitting
Background – noise or static over channel
Backside -- return trip
Backstroke – as above, also use rebound, flip flop
Back to you – answer back
Bagging – Police catching speeders
Barefoot – running without a kicker
Base station – static CB station, fixed location
Basement – channel ONE
Barley Pop – Beer
Bear – a minion of the law, also use smokey, kojac
Bear cave – Police station, also use Bears den
Bear in the air – Police patrolling in helicopter, or aeroplane
Bear in the bushes – Police hiding
Bear's lair – Police station
Bear report – report on Police locations
Bear trap – radar
"Beat-the-bushes" – lead vehicle looking for smokey to relay his "twenty"
Beaver – small, furry, large toothed animal that lives in the water also female
Better half – wife or husband
Between the sheets – sleeping
Big brother – Police
Big switch – CB rig's on/off switch

Big ten four – yes, for sure also use Roger D, Roger Roger, Roger Dodger, Roger Squadge
Blinkin-Winkin – school bus
Blood box – ambulance also use Meat wagon, blood bank, bone box
Blowi'n smoke – coming in loud and clear
Blow the doors off – passing
Boots – linear amplifier also use shoes, kickers, socks
Bottle popper – beverage truck
Bounce around – next trip around
Bra buster – bosomy woman
Break – call a station
Breaker, break – what you say to get on a channel also use breaking break
Breaker – CB'er wanting to come in on a channel
Breaking up – signal cutting on and off, *breaking up all over the place
Breaking the needle – powerful transmission
Bring it on – go ahead, it's clear to speak



Brown bottles – beer
Brush your teeth and comb your hair – radar trap ahead, slow down
Bubble gum machine – vehicle with flashing lights
Bubble trouble – tyre problems
Bucket mouth – CB'er who won't shut up
Bull jockey – someone giving a load of bull on channel
Bulldog – Mack truck
Burner – RF power amplifier
Bust – getting caught
Buzby – GPO official or investigator
Camera – hand held radar unit, also use kodak
CB – Citizens band radio

Terms

- CB land – the land of CB communication, and folks using CB meet
"Catch you on the flip flop" – talk to you on the return trip
Channel hog – someone who won't let anyone else transmit
"Check the Seat Covers" – look at the females
Chicken box – CB transceiver
Choo-Choo train – semi hauling two trailers
Clean – no Police sighted in the immediate area
Come back – say it, or say it again, return call
Come on – invitation to reply, your turn to talk also use "C'mon" "Come on back"
Comic book – truckers logbook
Coming out the windows – perfect reception
Convoy – line of vehicles moving together in CB contact
Copy – do you understand?
Copy the mail – listening to other conversations on channel
Cotton-Picker – fellow CB'er, or substitute in place of swearing (no swearing is allowed on CB).
Crank the handle action – repeat your handle
Crumb snatchers – children
Definitely – emphatically also use definatory
Diesel digit – channel 19
Dog biscuits – db, decibels
"Don't feed the bears" – don't get any speeding tickets
Double "L" – land line, telephone
"Down and gone" – stopped transmitting
Dusting your britches – walked on, transmitted at the same time
DX – long range transmitting
Ears – CB radio or antenna "ya got yer ears on?"
Earwig – listening in on transmissions
Eights and other good numbers – best wishes
Eights, Eighty-eights – love and kisses
Eye in the sky – helicopter
Eyeball – visual contact
Eyeball to Eyeball – get together
Evel kneivel – motorcycle Policeman
Fairy lights – traffic signals
Fender bender – slight vehicle damage
"Find a clean one" – move to channel with less conversation or static
Five by five – very strong signal
Flat side – sleeping
Flip – return trip also use flip-flop, flipper
Fluff stuff – snow
Fly in the sky – aircraft
Folding camera – Police vehicle equipped with vascar
Foot warmer – linear amplifier
For sure – that's right
Four – yes, o.k.
Front door – first vehicle in line of two or more
Funning – joking
Fuzz buster – electronic radar detector
Get horizontal – go to sleep, lying down
Gone, we gone – end of transmission, signing off
Go, go juice – fuel
Good buddy – fellow CB'er
Goodies – CB accessories
Good numbers to you – (73's & 88's) best regards
Got a copy? – do you hear me?
Got your ears on? – do you hear me?
Green light – all clear
Green stamps – money
Ground clouds – fog
Ham – amateur radio operator
Hammer – accelerator
Hammer back in the tool box – slow down
Handle – CB nickname
Happy numbers – S-meter reading, especially above five
"Have a good day today and a better day tomorrow" – salutations
Heater – linear amplifier used to gain extra range
"Holding onto your mud flaps" – driving right behind you
Hole in the wall – tunnel
Home twenty – location of your home "where are you from?"
Honey bear – female Policewoman
Hot pants – smoke or fire
How about it? – asking for a response, your turn to talk; say it
In a short, short – real soon
In the bushes – smokey hiding on the side of the road
It's clear – no smokies in sight
Jam jar – red and white Police patrol car also use Jam Butty
Jaw jacking – long-winded conversation
Keep the shiny side up and the dirty side down – have a safe journey
Keep your nose between the ditches and smokey out of your britches – drive safely and look out for speed traps
Keep the lipstick off the dipstick – pay attention to driving
Keyboard – CB rig controls
Knocking on your back door – vehicle overtaking
Kicker – linear amplifier
Land line – telephone
Lay an eye on – see
Let off – reduce speed
Local yokel – local police
Look over your shoulder – traffic in opposite direction
Mail – overheard conversations
Making the trip – getting the signal out
Mayday – international emergency distress call (10-34)
Meanies – anti-CB Authorities
Motion lotion – fuel
Mobile parking lot – automobile carrier
Modulating – talking
Monitor – listening to transmissions
Negatory – no also use negative
On the peg – legal speed limit
On the side – standing by on the channel
On channel – on the air
Over the shoulder – behind you
Over – through transmitting, your turn to talk
Pavement princess – roadside prostitute
Pedal to the metal – accelerate also use Hammer

Plain wrapper — unmarked police car
 Porcupine — vehicle with lots of antennas
 Pounds — S-units, 9s-units on the meter is 9 pounds
 Pregnant Roller skate — Volkswagen
 Pressure cooker — sports car
 Pull the big switch — turn off the CB
 Put my teeth up for the night, go 10-7 — sign off
 Put your shoes on — turn power up/on
 QSL card — postcard with call letters or handle confirming communication contact
 Quick trip around the horn — scanning all CB channels
 Radio check — checking the quality of transmission
 Ratchet-jaw — non-stop talker
 Rig — CB radio
 Ringing your bell — someone's calling you
 Roller skate — small car
 "S" unit — "s" meter reading of wattage
 Salt-shaker — salt spreading truck
 Seat cover — female passenger
 Seventy threes and eighty eights — love and kisses, best regards
 Sideband — CB operating above channel forty and below channel one

Shaking the windows — loud and clear signal
 Shotgun — seat next to driver
 Skip — stations heard from a great distance
 Skip talker — CB'er who talks long distances
 S-meter — signal strength indicator
 Smokey — Police also use smokey bear
 Smokey report — location of Police in the immediate area
 Smokey on rubber — police moving
 Spies in the sky and hounds on the ground — Police aircraft and pursuit cars
 Squawk box — CB transceiver
 Stepped on — someone overpowered you with a stronger transmission also use stepped all over you, stomped on
 Streakin' — exceeding legal speed limit
 SWR — standing wave ratio
 Superskate — sports car
 Sweetthing — lady breaker on channel
 Take it down — move to lower channel
 Take it up — move to higher channel
 Ten pounder — excellent signal
 Threes — best regards
 Threes and eights — lots of best wishes
 Three 3's, Seventy three's — good luck, best wishes
 Throwing nines — strong signal on S-meter
 Tighen up on the Rubberband — accelerate
 Toilet mouth — CB'er using foul language
 Tree top tall — good signal
 TVI — television interference
 Twins — dual antennas
 Two wheeler — motorcycle
 Up on the roof — channel forty, also use Penthouse suite
 Walked on — same as stepped on also use walked all over, walking all over you
 Walking tall — good signal
 Walking the dog — long distance conversation
 We gone — stop sending transmission, just listening

Wall to wall and tree tops tall — clear, strong signal, very good reception
 Works twenty — work location
 Wrapper — colour of car
 X-ray machine — radar
 XYL — Ex young lady, usually a wife
 Yardstick — mileage marker
 You got it — go ahead
 Yeah four — big ten four, affirmative
 YL — young lady
 ZOO — police headquarters
 Z's — sleep



10 CODE

This code is strongly recommended for all CB communications, were a coded transmission is desired.

- | | |
|-------|---------------------------------|
| 10-1 | Poor signal |
| 10-2 | Receiving well |
| 10-3 | Stop transmitting |
| 10-4 | OK Message received |
| 10-5 | Relay message |
| 10-6 | Busy, stand by |
| 10-7 | Out of service |
| 10-8 | In service subject to call |
| 10-9 | Repeat message |
| 10-10 | Transmission completed |
| 10-11 | Talking too fast |
| 10-12 | Visitors present |
| 10-13 | Weather road conditions |
| 10-14 | Prowler |
| 10-15 | Convoy |
| 10-16 | Make pick up at |
| 10-17 | Urgent business |
| 10-18 | Anything for us |
| 10-19 | Nothing for you, Return to base |
| 10-20 | Location or position |
| 10-21 | Call by telephone |
| 10-22 | Report to |
| 10-23 | Stand by |
| 10-24 | Completed last Assignment |
| 10-25 | Can you contact |
| 10-26 | Disregard last information |
| 10-27 | I am moving to channel |

Terms... ..

10-28 Identify your station
10-29 Time is up for contact
10-30
10-31 Crime in progress
10-32 Radio check
10-33 Emergency
10-34 Trouble at this station
10-35 Confidential information
10-36 Correct time
10-37 Wrecker needed at
10-38 Ambulance needed at
10-39 Your message delivered
10-40 Stop at nearest pull in
10-41 Please tune to channel
10-42 Traffic accident at
10-43 Traffic tie up at
10-44 I have message for

10-45 All units within range please report
10-46 Assist motorist
10-47 Stop for gas
10-48
10-49
10-50 Break channel
10-51 Accident wrecker needed at
10-52 Accident ambulance needed at
10-53 Accident road blocked
10-54
10-55
10-56
10-57
10-58

10-59
10-60 What is next message number
10-61
10-62 Unable to copy use Land line
10-63 Write this down
10-64 Not clear
10-65 Awaiting your next message/
assignment
10-66 Cancel message
10-67 All units comply
10-68 Repeat message
10-69 Do it the french way/Lets do it
10-70 Fire at
10-71 Proceed with transmission in sequence
10-73 Speed trap at
10-74 Negative
10-75 You are causing interference
10-77 Negative contact
10-81 Reserve hotel for
10-82 Reserve room for
10-84 My telephone number is
10-85 My address is
10-88 Advise phone numoer of
10-89 Radio repairman needed at
10-90 Talk closer to mike

10-91
10-92 Your transmitter is out of adjustment
10-93 Check my frequency
10-94 Please give a voice test
10-95 Transmit Dead carrier for 5 seconds
10-97 Check Test signal
10-99 Mission completed all units secure
10-100 In the John
10-200 Police needed at

13-CODES

Put-downs, or just plain insults.

13-1 All units can copy you and think you're an idiot
13-2 Yes, I copy you, but I'm ignoring you
13-3 You're beautiful when you're angry
13-5 Same to you
13-7 If you can't copy me it must be your fault because I'm running 3000 watts
13-20 Is your mike clinking or are your uppers loose again?
13-22 Lady, is that your voice or did you install a steam whistle?
13-24 You make more sense when you're smashed
13-25 Some of the local operators and I have chipped in to purchase your rig from you. Have you considered stamp collecting?
13-26 Next time you eat garlic speak farther from the mike
13-41 Either my receiver is out of alignment, or you're on channel 28
13-42 Either my speaker cone is ripped or you better try it again when you're sober
13-43 That was a beautiful 10, try it with your mike connected
13-44 I love the way your new rig sounds, now I know why the manufacturers discontinued that model
13-45 Your transmitter must have a short-circuit because there's smoke coming from my loud-speaker
13-47 What a fantastic signal — give me a few minutes to bring the mobile unit to your driveway so I can copy your message



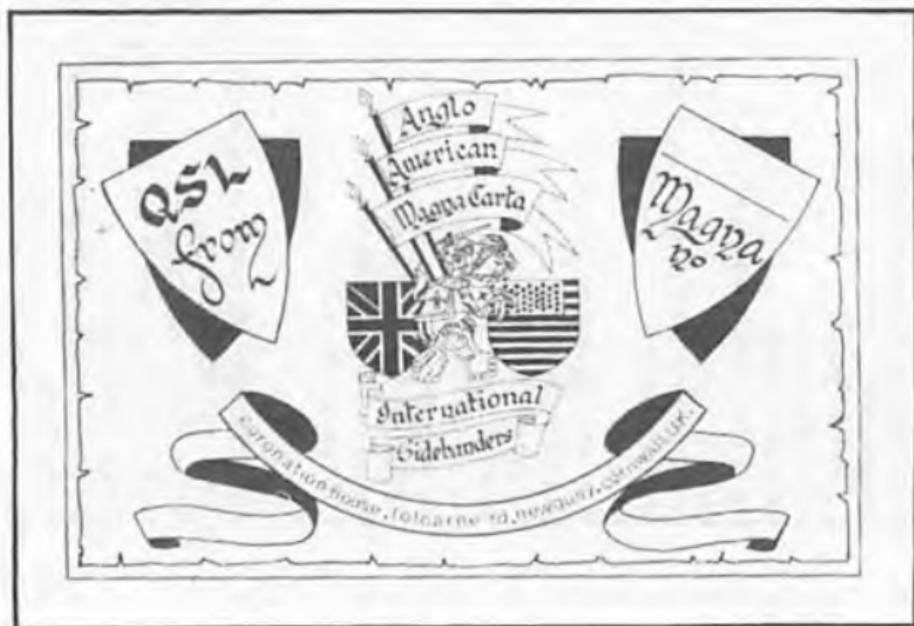
xm4420060 CHORE-BOY

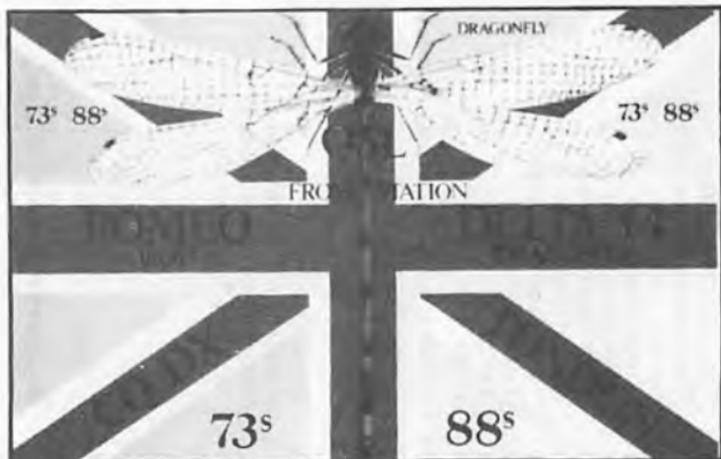


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INTERNATIONAL Q-SIGNALS

- | | |
|--|--|
| QRA – Name for handle | QSM – Repeat the last message |
| QRH – Frequency varies | QSP – I will relay |
| QRL – Busy | QSO – Communications with, contact |
| QRM – Interference from other stations | QSY – Change frequency |
| QRN – Natural interference – static | QSZ – Send each word or sentence
more than once |
| QRO – Increase Transmitter Power | QTH – Location |
| QRP – Decrease Transmitter Power | QTR – Correct time is ——— |
| QRQ – Transmit faster | |
| QRS – Transmit more slowly | |
| QRT – Stop transmitting | |
| QRU – I have nothing for you | |
| QRV – I am ready | |
| QRX – Call back later, stand by | |
| QRZ – Who is calling me? | |
| QSA – Readability | |
| QSB – Fading signal | |
| QSL – Acknowledge receipt | |

Phonetic Code:

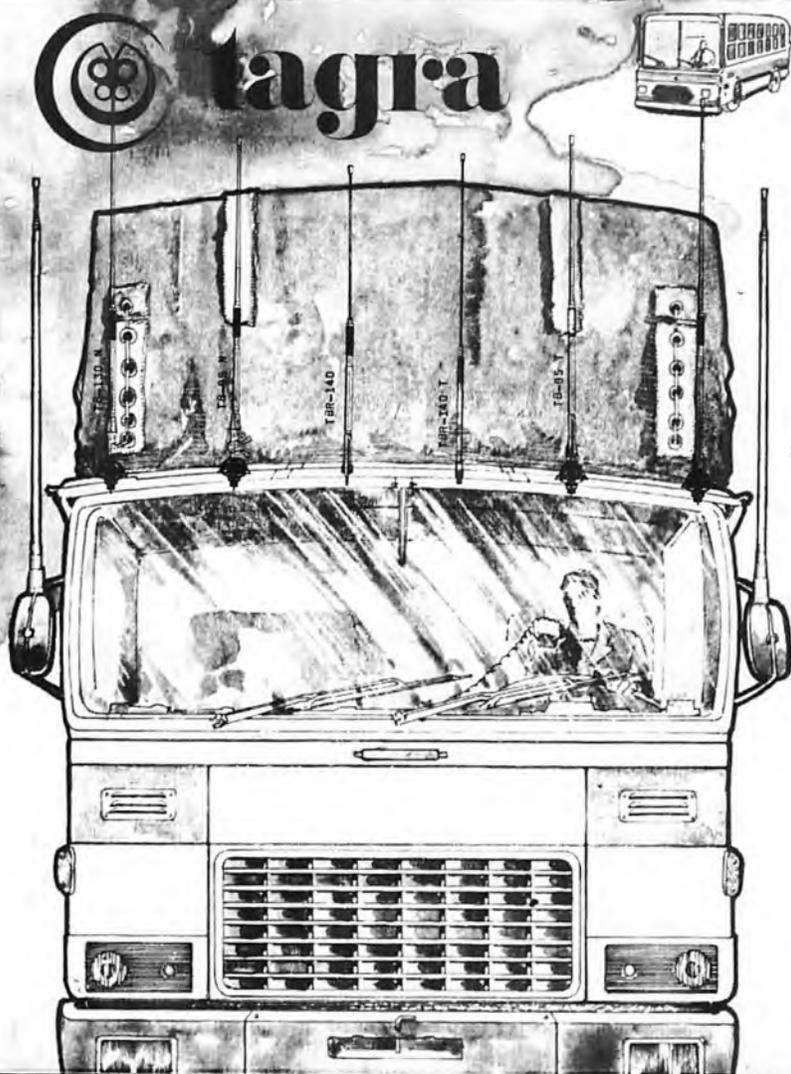
- | | | | |
|-------------|--------------|-------------|-------------|
| A – Alfa | H – Hotel | O – Oscar | V – Victor |
| B – Bravo | I – India | P – Papa | W – Whiskey |
| C – Charlie | J – Juliett | Q – Quebec | X – X-Ray |
| D – Delta | K – Kilo | R – Romeo | Y – Yankee |
| E – Echo | L – Lima | S – Sierra | Z – Zulu |
| F – Foxtrot | M – Mike | T – Tango | |
| G – Golf | N – November | U – Uniform | |

Note down your call sign: _____

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