

JULY ISSUE 1982

174C

BREAKER ON THE SIDE.....

60P

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- ★ 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-DXING

CB CLUB NEWS

CELEBRITY WEB BREAKERS C.B. CLUB

c/o 35, Alexandra Road, Ashington, Northumberland, NE63 9HG.

The Celebrity Web Breakers C.B. Club has been going for about six weeks now, and we boast a membership of 220. We turn out every Tuesday night at The Celebrity Public House for eight bells when the meeting commences.

We have door prizes, raffles, including a chicken box once a month, various C.B. equipment and meat vouchers or mixed grills.

After the week's business has been taken care of, we have a daft half hour, which includes male and female brown bottle swilling, it goes down well.

We still have quite a lot of Alpha-Mike breakers in our area as well as Foxtrot-Mike and we seem to get on quite well with each other. Any problems that arise are discussed at the meeting and reassurance given by the majority.

We have started a Pool team, Ladies and Gents darts team and although we have only played the Pearl Harbour (Amble) breakers at home and away, we have scored a white wash which boosted the team's morale a lot. On Saturday mornings the junior breakers have their disco. The membership there grows every week, and they also are looking for competition on Pop quizzes etc. They are self supporting and are at the moment trying to boost their funds to help a local charity.

The adult club has already spent over £400 for our charity, local handicapped children. Now we are aiming to help two or three local play groups by having a sponsored bed push and possibly a car or lorry push. Our twenty of Ashington, is the Safari Park, and any breakers passing or holidaying in our area will be made very welcome, if they give a shout for a Celebrity Web breaker.

Our hard working committee consists of; Chairman – Jake the Peg, Secretary – Meatloaf, Treasurer – Black Shark, Honeysuckle, Silver Dancer, Dee Jay, Silver Shark, Osprey, Running Dog, Medical Man, Squeezbox.

Dee Jay is also involved with D.Xing, anyone wishing to, can drop him a line to : Richard, P.O. Box 25, Ashtington.

Well good buddies I will go down on the side but B.O.T.S., keep this mag going and don't forget A.M. is still alive and kicking.

Please include our H.20 in your twenty list.

73's and 88's to you all, take care cos we care, we down we gone.

Squeezebox (Assistant Secretary)

ATHERTON JUNIOR BREAKERS CLUB

c/o 178 Devonshire Rd, Atherton, Lancs.

The A.J.B.C. began a few months ago. Life membership is 50 pence, with 15 pence weekly admission, 25 pence for guests. We provide refreshments like chip butties 15p, pop and crisps 10p. The juniors meet every Saturday 1 p.m. to 3 p.m. at the Briercroft Scout Hall, Howe Bridge, Atherton. We would be obliged if you could give us a mention. For further info. contact either Colt 45 at the address above, or Jesse James, 27 Canterbury Close, Atherton.

CENTURION 100 BREAKERS CLUB

I write a column every week called the C.B. Scene in our free local paper The Messenger, they produce 50,000 copies every week, most of the paper is full of adverts but I get the column in that's the main thing. I have been doing this now since June 1981, about that time I became unemployed and still remain so, I do this column purely voluntary as a hobby, the only support I get is my wife Crystal Control and she has now learned to type since helping me, I eat, sleep and talk C.B. and I could not be more dedicated to it, which brings me to the formation of this legal C.B. club. Many breakers call me up and wanted to know if there is an F.M. club around, "how I hate those words". My answer was always the same, A.M. clubs have now extended their welcome to the new F.M. breakers and you may join, but the reply to me from some of these breakers were "I'm not interested in A.M. disco's or heavy drinking, so I decided to take on a short list, the words F.M. were now getting at me. After two weeks research I decided to call the cards in the C.B. column the venue Eascott Hotel, Swindon, Wiltshire. Tuesdays 7.30pm. 5th January 82, you must produce an F.M. licence to join. The basic idea is to form a Citizens Band club for breakers who have accepted the legal frequencies but this in no way implies that we agree with the government policies referring to A.M. band. The response was overwhelming, I chaired the meeting and the constitution was accepted provisionally, the house was full, all those who attended on the night joined, the constitution was then finalised by the members over a two week period. The members then elected the committee for the twelve month period. A lot of our members have A.M. S.S.B. sets including myself but like good citizens we have then wrapped up, we do support all demo's A.M. S.S.B. F.M. in fact a better improved C.B. service. Because we are a legalised club we cannot be ignored by the media any more, we are now a voice. I am glad that F.M. did not enter in a new club name because after all is said and done a breaker is a breaker and if he is one A.M. as long as he remains a decent breaker I will use my Delta Tune (if I have one) to pull him out of my box to ratchetjaw and so will many of our breakers in our club. The membership is restricted to 100 breakers, in the event of over applicants then a second club would be formed, this would be known as the Centurion 200. In the event of a second club being formed, 2 members of the existing Committee must serve on the committee of the new club. This automatically means that 2 new committee members be elected to fill the vacant posts. The second club must hold allegiance at all times to the founder club, and so on, this has been drawn into our constitution, the idea of a small club it's more personal. We will be ho,ding dances only when members request it.

I do love a good old ratchet, sorry about that, I'll sign off with the committee Vice Chairman – Hot Air, Secretary – Girl Friday, P.R.O. – Big Mal, that was my job but I resigned as I do too much writing only to be elected as the new Chairman. Welfare Andy Pandy who is doing a real good job Aphrodisiac Entertainments and of course Tiger's Eye – Treasurer, he has just become a proud owner of a new Maxi (strange that) Crystal Control my X.Y.L. in charge of the door and two club members are trustees they are Xamit and Telephone Man, they check club books.

You can eyeball me but I can't eyeball you, I'm in the Peter Chipendale British C.B. book, page 84 under the Plymouth banner. I'm the one scratching with my right hand in the centre of the picture with the blonde girl in sunglasses Crystal Control who is my X.Y.L. holding my arm.

10.10 Catch you again,

Rollerskater, Club Chairman.

KCB

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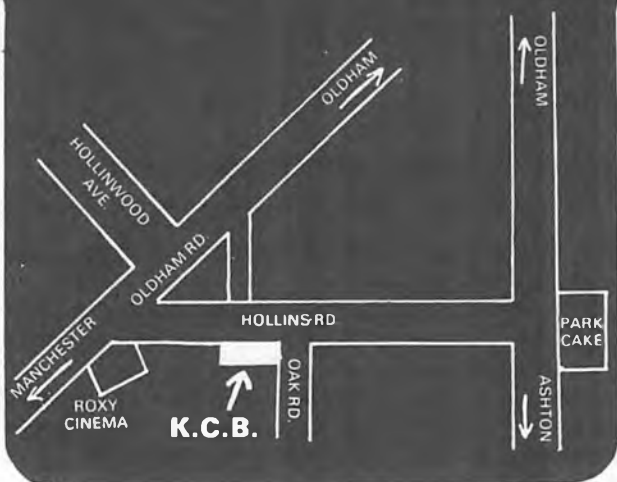
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CLUB NEWS

DO-NUT A M BREAKERS CLUB

c/o The Royal Oak Hotel, Commercial Road, Hazel Grove, Stockport, Grt. Manchester.

As the public relations officer of the Do-nut AM Breakers I should like to see our club mentioned in your magazine.

The Do-nut Breakers consisting of AM Breakers of Offerton being the Doins and Hazel Grove being the Nut-town. The club has helped in fund raising activities for Marple Childrens Home.

The Do-nut Breakers have also formed two football teams, ladies and gents who are willing to challenge any other Breakers clubs to a match. Any clubs accepting this offer should contact Hell Raiser P.R.O. at the above address.

10-10 we gone.

Hell Raiser, Public Relations Officer.

GUMBOOT QSL CONTROL

c/o Crombie Hall, College Bounds, Old Aberdeen, AB9 2TS.

Thanks for the excellent magazine. Please can I beg just a little free publicity for Gumboot QSL Control, run by Trace Ward in New Zealand. Enclosed are a couple of invites so you can see what is on offer, excellent value for money and a quick return too. Club newsletters when funds permit, cards, stamps and NZ souvenirs at cost price, and best of all Trace will swap 50 QSLs 1-4-1 any time for \$5 airmail postage. A really good personal service.

SAE to me at address above will bring an invite to Gumboot QSL by return – an unstamped one won't! I also QSL 1-4-1, and finally I'd appreciate an invite to the Voice of Scotland DX Group (Victor Sierra) if anyone has one to spare.

Best 73's and good luck.

Grant F. Wilson

SOUTHERN BREAKERS CLUB

c/o 70 Whalley Road, Whalley Range, Manchester.

Since the January issue of B.O.T.S. the Whalley Range Good Buddies has changed its name to the Southern Breakers Club.

We meet at the same venue but have changed the day to a Friday Evening. The doors open at 8.00p.m. and close at 10.00p.m. The bar is open until 1.15 so it's a long time to dance to the Great Disco we have.

We have raffles and games every week, also we have a members draw each week, this means that every member has the same chance of winning, the prize started at £5.00 and at present has reached £15.00. If the draw isn't won, it goes up by £2.50 per week so it's a nice pick up for the member who wins.

So any of you breakers that are passing through the W.R 20 give a shout out on 19 for any of the S.B.C. committee and you'll find out all you need to know.

So 10.10 from,

Gear Jammer, (Club Secretary).

CAT CITY BREAKERS

c/o 64 Coquet, Rickleton, Washington, Tyne and Wear, NE38 9ER.

Just a short note to let you know of our club up here in BIRTLEY, Co Durham that meets every Monday night at the William IV public house at 7pm.

At present our membership stands at 140 and all old club members and new members are welcome. Membership is £1 for life and at present subs are 20p weekly and 50p for guests.

We cater for both AM and FM breakers and have regular discos, quizzes, and live entertainment and during the summer months are trying to organise convoys and foxhunts.

Due to the fact that we meet on licensed premises we unfortunately have to restrict our membership age limit to 16 and over, but any junior breaker may apply to join at reaching the age of 16.

Hoping that you will be kind enough to mention us in your next issue.

All the golden numbers to you all at BOTS.

10-10.

Bye Bye, We gone.

The Traveller, Comm. Member.

FYLDE COAST 10-15 BREAKERS CLUB

c/o Illawalla Country Club, Skipool Lane, Thornton, Blackpool, Lancashire.

I am writing to your Magazine on two points, firstly, enclosing details of our club for inclusion in your Club Spot and secondly informing you of the Protest Convoy/Demonstration to London that our Club is organising in March.

The Club was formed last June, with the original intention of getting a number of like minded breakers together to plan and organise Convoys at the Weekends. Our original eyeballs were on Monday nights at a Local Working Men's Club in Tower Town.

In November last year it was decided to expand the club in order to take on special Charity events, so the Convoy Club moved lock, stock and seatcovers to the elegant surroundings of the Illawalla Country Club at Thornton, Cleveleys on the outskirts of Blackpool on Friday nights.

From an original membership of 30 breakers the club has grown to just under 150 members since the move with more members joining each week. We have adopted two Charities to which we raise money for, The M.I.N.D. Association and a local Childrens Home called the Swallowdale Children's Home.

In closing, just a little information about the club: Membership – £3.00p. Admission to Club – Members Free before 11.00p.m. Guests – £1.00p before 11.00p.m. Free run of the Club including the use of the Video Room. Dress Restrictions – No Denims, Leather Jackets, T-Shirts or Plimsoles. All breakers A.M. or F.M. and Members of other clubs over the age of 18 years are welcome to join us any Friday night.

A special Invitation goes out to all the members of the Canel Breakers Club of Blackburn as they were the first club that the 10-15 eyeballed.

Over the last few weeks we have started to run a Bus from Blackpool to the club to ensure that our Members and Guests do not have to worry about drinking and driving.

10-10 till we do it again.

Wood Creature, Secretary

CANNOCK CHASE JUNIOR BREAKERS

c/o 14, Smillie Place, Blackfords, Cannock, Staffs.

We are a new junior club for breakers of 16 and under. We do have members over the age of 16 but these are classed as helpers and we still welcome them. Parents are also welcome, the club is run by the members, the adults are just there to supervise in case any junior member has a problem with his or her rig or with the club. We have only been open since January of this year and would welcome more junior breakers. We have a membership of about 50 and our membership is 50 pence and subs of 20 pence. We meet every Saturday afternoon at 2.00pm till 4.00pm at the Cannock Swimming Baths meeting rooms. The female breakers run the club once a month. We also like to get out and meet other clubs when we can.

We are hoping to hold a pantomime in December this year for the handicapped and O.A.P.'s. Anyone interested please come along. Any interest considered, not just C.B. but that is of course our main theme. We would like to hear from other junior breakers clubs, especially for the summer holiday as we would like to go camping in a nice area near to where we can visit other junior clubs on the coast or North of the Border.

Dave Bailey (Satch). Youth Leader.

CLUB 27 F.M.

c/o 14 Downs Crescent, Ledbury Road, Hull, Humberside.

I am writing to you as the secretary of the Club 27 F.M.

It is a new breakers club set up as a family club and intended to have a healthy junior section.

As I am sure you realise any publicity for the club would benefit the club greatly.

I therefore trust that you will print this letter if possible.

Any enquiries regarding the club should be sent to the above address.

R.S. Boyce, Club secretary

BRUSH BREAKERS ASSOCIATION

c/o 28 Conway Road, Paignton, Devon, TQ45LF.

The BBA has been running since September 81. We first started down at the New Pier Inn but we had to change our venue to the 'Devonport'.

At the moment on our register we have 200 members including juniors.

Our junior breakers meet at 6.30 until 7.45 on a Thursday night followed by the seniors at 8 and they finish at closing time.

With the juniors we run competitions, and every week they are asked a question which has to be answered over the air on which ever night we say.

In the seniors every week we run a draw and at the moment we are running an accumulator. So come on all our members come along but do not forget your club cards.

So come on breakers when you are in our area don't forget you are welcome at the BBA.

So Breaker Break for now.

Cherry 'B'

SAMBA

c/o The Waterloo Hotel, Waterloo Road, Smethwick, Warley, W. Midlands.

Just thought I'd drop a line to you after noticing that the West Midlands hardly gets a mention in your Mag.

We first formed in August 81 and moved to our new location in January 82. We have a get together every Tuesday. We have Discos and Film alternating with modge nights when we swap ideas and put to our members anything which may benefit them and listen to any problems they have and try to solve them. We hope to be doing some charity work in the near future and to get some convoys and fox hunts going. Membership is £2.00 a year with 25p entrance for members and 50p for guests. Members are admitted free to the film shows. We have our own resident D.J. DICE ROLLER who is a firm favourite with all members and guests.

We have 60 plus paid up members but a lot of guests come from the clubs around us and we are gradually outgrowing our premises.

We are about to open a section for DX'ers as this is becoming increasingly popular.

We have discounts available to members at 'Channel 9' one of the best CB shops in Smethwick.

We have a committee of six which includes myself Tobyjug – Chariman, Exhaust Man – Vice-Chairman, Golden Eagle – Secretary, Black Velvet – Social Secretary, Big Bob and Ten Men – Treasurers.

We will be joining NATCOLCIBAR in the very near future because we feel that the Government has created a White Elephant in F.M. and will be seeing our local Labour M.P. to see what they can do for us if they take power again.

If any breakers are passing give us a shout on 14 any breaker will direct you to us, all are welcome.

All the golden numbers.

10-10.

Tobyjug, Chairman

R.E.S.C.U.E.

c/o 24, Gwynfryn Ave., Rhyl, Clwyd.

I am writing to you to inform you, and ask you to publish in Breaker on the Side, the formation of the above organisation, The Radio Emergency Service Citizens United Efforts.

R.E.S.C.U.E. was formed in Rhyl, North Wales, and launched on 1st March 1982. Our main aim is to monitor the emergency channel, on the 27 MH F.M. Citizens Band Radio. Our monitors are instructed to receive the emergency call, log it, and report it to the appropriate authorities. Our organisation has been accepted by the local police, fire service, and ambulance service.

To date our organisation has some 60 members with teams in Rhyl, Abergele, Dyserth, Vale of Clwyd and Tyn Y Morfa, Gwespyr. We are also in the process of setting up teams on the Wirral and in Ellesmere Port.

Hoping you will be able to publish an article in Breaker on the Side, if you should require any further details please don't hesitate to contact either the Hon. Secretary or Chief Executive Officer.

Dave Armitage, Hon. Secretary

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Front Cover: 1-4, you've got Lotus Blossom
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The World United

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MAKING YOUR POINT OF VIEW
MADE KNOWN THROUGH US.**

KEEP CONTACT – BRING IT IN!!!

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EDITORIAL

Have you been looking in the high street shops recently? What is the true price of a C.B. today. Hell, it was in November 81 when we got the U.K. legal F.M. band and everyone appeared to be selling C.B.'s at prices uncommon to the A.M. C.B.'ers whose black market prices ranged from £45 for forty channels to £200 for all of the razzmatazz and we had £65 for the basic set up to £99 for the same UK 40 channels but with a greater cosmetic value (more switches). Now many of the converted A.M. to UK F.M. sets have now been absorbed in the market and through our own experiences and use of C.B.'s along with the C.B. grapevine we basically know 'the better sets' and those of lesser quality but don't forget the market fixed its price against the users demands. Now, it looks like the high street is fixing the price for a basic C.B. around £49 and many of the previously priced £99 sets are down in price to you between £75 - £89.

For those who first moved into C.B. on legal day it must be a little disheartening to have paid the higher prices and to see their sets become devalued but you bought in the vogue of supply and demand when UK was a new, unknown production potential. Now, months later true reality is known and the market here in the UK adopts a US pattern where the C.B. market took two years to develop not two months. Against this there has been an obvious shortfall in the original projections of the UK market and manufacturers found, they suddenly from short supply of sets have stock piles for the UK - price negotiations change. *All* of the major names behind UK C.B. have a major commitment in the market with initial supply agreements of up to 5 years. The major retail names Tandy, Dixons, Halford etc. each see ½ million sets going through each of these companies through 1982 and mail order houses still grow in sales of C.B., the major factor being instant easy payment terms but they too are now aware of the new prices being fixed in the high street. Joe Roger of L.C.L. and claim to fame in C.B. has opened his doors to the public offering 'The First £1 Million C.B. Sale'. As time goes on C.B. shops are seeing stocks of sets getting low and suppliers look again at offering you as much as possible in their C.B.'s and be better than the rest. Like so many of you here in the magazine we have always preferred the more up market units against basic - value for money C.B.'s. We like the blue-grey of Midland, the Hi-Fi black and switches of Rotel along with the chrome of Commtron. This last week we have seen the latest from Turmann Models through UK distributors Roger D of Nottingham comes the NATO 1,000 and 2,000 superb units with all of the switches at value for money prices. The 2,000 can even be converted to A.M. and sidebands. Both are very attractive and high quality units at excellent retail prices offering you more for your money. Meanwhile A.M. and sideband is as big as ever but most sidebanders are moving down to the lower bands away from F.M. and hams.

Peter G.



Dear BOTS

Being an avid reader of your mag. I thought I would drop you a line about one of our local breakers and four breakers from the Lakeside Breakers Club, Shropshire. On the 1st and 2nd of May a 48 hour sponsored ratchet was held on ch. 37 in aid of the Telford Kidney Appeal, P.O. Box 8, Newport, Shropshire.

The four Lakeside breakers were Sheep Dip, Turbo, Moonraker, Deer Stalker and the local Stretford breaker was Suzuki. I sat on the side all through Saturday night and enjoyed myself tremendously but poor Suzuki was going through hell. He lasted the 48 hours though with an estimated 2,600 copies from all over the North West, and from this end of the country raised £1,500. Myself and many, many other good buddies salute you Suzuki and think it would be a just reward if this letter was printed. Also well done the Lakeside Breakers.

Keep up the good work with B.O.T.S.
*The Bombadier
Old Trafford, Manchester*

Dear BOTS

First please let me say how good I find your magazine (B.O.T.S.) to be, keep up the good work.

I read B.O.T.S. as often as I can although being out here in Germany I find it difficult to purchase B.O.T.S. on a monthly basis, so I ask my friend in England to send me copies which I miss out on. Please find enclosed one of my English

eyeball cards, you can use it to wedge doors open if it serves no other useful purpose.

I hope you don't consider me as a scrounger, more as a collector/admirer. Would it be at all possible to send me a photo of my favourite model "Brenda Houldsworth" as she appears on the January 82 issue, we met once before and I would love to have a real photo of her (with the B.O.T.S. van of course).

*Flying horse
Happy Valley Breakers
W. Germany*

Dear BOTS

As a complete novice hoping shortly to break in on the side I have followed the recent controversy over AM/FM.

I would like to put forward the following suggestion for your comment.

Would it be possible to have a AM/FM dual purpose set so that within the built up area "i.e. 30 mph" you used the FM side thus cutting out interference of hospitals etc., and by the same token outside the built up area you could use the AM side thus gaining distance.

Your comments would be appreciated.

*Pegleg
Worksop, Notts.*



Dear BOTS

Here are my points of view on the legal FM system. I have had my rig for 3 months now and already I am thinking of selling up. The amount of Turkeys on FM is getting out of hand. First Mike Keyers, DJ's, Toilet Mouths, then whistles and singers and now a new breed of Turkey which didn't exist on AM. I'm talking about the persons who are threatening breakers in our area and no doubt this is going off in other areas. Not just one little threat for a joke but threats of violence that carry on. People buy a rig for someone to talk to when they are lonely and to make friends. They want to enjoy it, but they get music players on 14, mike keyers on conversations and now get threatened. How can they enjoy CB. One day the serious breakers will leave the air fed up and FM CB will be a jumbled up mess of Turkeys throwing abuse and playing music to each other, how boring. Signing off I would like to mention a few of my good buddies and good ladies. SNOOPY (my seat cover) SEA JADE, who doesn't deserve all the hassle she gets, BLUE BIRD, MODEL, GLIDER GIRL, CAPTAIN BIRDSEYE for his help in starting me off, WILD PIGEON, CRAZY COBRA and INTERNATIONAL RESCUE to name only a few.

*The Scanner
Derby*

Dear Sirs,

I have just been thumbing through the June issue of B.O.T.S. and noticed my handle on the Stolen page.

Having received my T shirts and sweat shirt, I presume, therefore, that you printed some more and mailed these on to me and also the other breakers.

I will of course keep my eyes and ears open and I will be informing my good buddies to keep their eyes etc. open as well.

Well I hope the scum that committed this mindless act are caught etc.

Yours faithfully,

*S. Carney (The Shark)
Stockport*

Dear BOTS

I am writing to say that I have been a breaker since September 1981, when I used to have an AM FB sideband rig. Although it was a good rig I prefer the legal FM rig. But where I live we get a load of wallys on channel playing music on the 14, which is very annoying for the sensible breakers. I don't belong to a breakers club but would like to know where I can get some QSL cards printed. I think that your mag BOTS is really good and wouldn't go without a copy. I also recommend it when modulating with new breakers.

*Olive Oil
Donut City Breaker*

Dear BOTS

As I am a junior breaker age 7 I was reading one of my dads (Albatross) old copy of B.O.T.S. and I was very interested at doing a quiz called Teazer Competition, 20 Questions. But when reading a later copy of B.O.T.S. I was very disappointed to find no quiz, so could you please find it in your hearts to re-introduce this quiz. Here's hoping you will think very seriously about this.

From me to you 73s and 88s

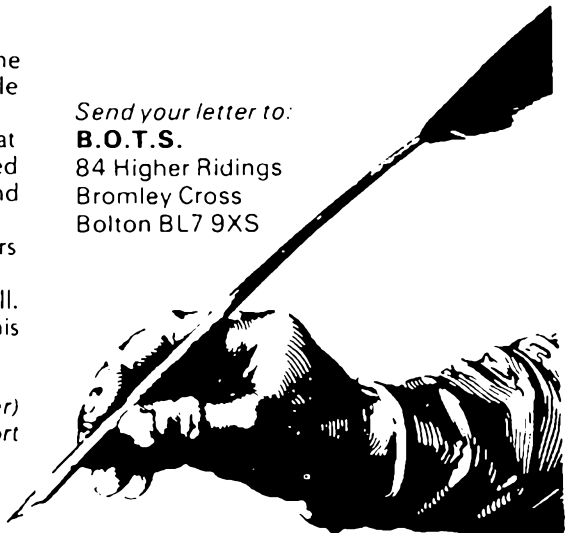
*Muffin Man
Skipton*

ED. We are intending introducing the Teazer Competition in the future editions.

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WHEN YOU'VE GOT THE BEST - FORGET THE REST

27 MHz – A TECHNICAL NIGHTMARE!

Even though 27 MHz is the most commonly used C.B. frequency in the world, is it necessarily the best? Certainly it is cheap but has very few technical merits and another higher frequency band would give far superior performance, in this article I will explain why.

Before going further I should point out that C.B. must be considered as a serious communications service and not just as a toy you buy the kids at Christmas, in which case the 27 MHz service with all its drawbacks is more than sufficient. I would consider that a proper C.B. radio service needs to fulfill the following conditions:-

- (a) Have a reasonable range, say 10 to 15 miles in urban areas, more in flat open country.
- (b) There must be allowed plenty of space for future expansion of channels as needed.
- (c) Freedom from interference and dramatic reductions in range during unfavourable atmospheric conditions.
- (d) The equipment must be reasonably low cost, a basic rig should cost less than £100.

Unfortunately the 27 MHz band only meets condition (d) and fails to meet the other points miserably. The average range in built-up areas is about 5 miles mobile to mobile and that is provided there is no skip interference present. This is not necessarily due to the low power output of the rigs but because of the following factors:-

(1) Antennas at 27 MHz are extremely inefficient at lengths less than half a wave length (about 18 feet), this means that to shorten the length of the antenna to a practical length (less than 5 feet for mobile use) a sacrifice has to be made in terms of efficiency, also due to the small size of ground-plane compared with the wavelength most of the power is directed upwards. This effectively means that with any 27 MHz mobile antenna (not only H.O. spec. ones), only a small fraction of the power fed into it is sent in the direction of the receiving station. At higher frequencies and therefore smaller wavelengths it is possible to make antennas which are much more efficient and radiate the power horizontally.

(2) At all frequencies there are atmospheric noises which effect the receiver's performance, these noises consist of lightning discharges many miles away, many man-made electrical circuits such as flourescent lighting, car ignition etc, and cosmic noise which comes from the sun and other stars. All these noises combine to produce a desensitising effect at the receiver, i.e. the wanted signal has to overcome this background noise to be heard. (Note: this type of noise is not the same as the sound heard on F.M. rigs when the squelch is open, as that is generated inside the receiver itself and is of no detriment to reception). As



frequency increases these type of noises decrease and are of little significance above about 100 MHz. At 27 MHz however this type of interference is very strong and a wanted signal has to be stronger still to overcome the noise.

To satisfy condition (b) the band would have to be in a previously unoccupied part of the radio spectrum with unused space above or below that band. The 27 MHz band is already shared with C.B. in other countries, weather balloons, paging systems etc., and it would be difficult to expand the number of channels without walking over another service. At higher frequencies there are many MHz of unused space ideal for C.B.

Condition (c) is probably where 27 MHz fails most. During the peak of the sunspot cycle the interference caused by 'skip' can at times make the band virtually unusable, particularly on the A.M. section. Again this type of interference diminishes at higher frequencies. Those of you who have only just acquired a 27 MHz rig would have not yet experienced much skip interference as the peak of cycle is nearly over and long range ionospheric propagation (skip) is on the decline, but it will be back with a vengeance around 1988 and may last for up to 4 years. In the meantime you'll still get the odd burst of Italian sideband walking over your copy when you least want it.

There is unfortunately no band available at present which meets all the conditions of a satisfactory Citizen's Band. 934 MHz does quite easily meet conditions (b) and (c) and with good home base set ups give a fair range. However the mobile range is not likely to be much better than on 27 MHz and the cheapest rig available at the moment costs £200. Japan is introducing a 900 MHz band next year, so it could mean that once they get in on the act, the cost of 934 MHz rigs will drastically reduce. It is reported that Japan is to introduce a C.B. band at around 900 MHz with 50 channels and the same power and channel spacing as our 934 MHz band. Its introduction is due in January 1983 when all other C.B. frequencies will become illegal. Other countries are considering 900 MHz+ as well. (*Velly Intellecting*).

To conclude then, what is the future of 27 MHz C.B.? Well, in my opinion it has no long term future, although it's O.K. as a stepping stone towards a more technically viable system, it could be 900 odd megs which could eventually become a world standard, but I would prefer a band in the V.H.F. spectrum around 200 MHz which could be made to meet all the conditions. One day we will get a better system, but don't hold your breath, bureaucracy will ensure that this will be as far off as possible ■



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CONVERTING YOUR OLD AM RIG TO FM

(Another look at an old problem)

Since we gave you a lot of detailed info on the conversion scene quite a few things have happened. Our technical man RENTOKIL (bucket mouth hunter and part-time drunk) has been out and about again. . . . they let him out every once in a while, to see if he will behave himself. He writes that he has actually read the recent piece by Sid Vicious; no, sorry . . . by *Sid CB*, and he liked it! He also said that it was the first Sid CB article worth reading, or so he thought. Now which article did he mean???? Yes, like a lot of you out there, the one he liked was the one that put the boot into the “good buddy” nonsense. He tells us that “good buddy” over in the USA is actually a put-down, an insult reserved for absolute planks.

What has that to do with converting AM sets to legit FM? You might well ask. And even if you don't we are going to tell you anyway. It seems that there was once a good British firm that developed a very successful AM to FM conversion scheme. They did all the design work for the most common AM rigs; they had all the special parts needed for the job made for them and they went into business. Work piled into their place and lots of breakers were queuing up to have their AM rigs turned legal. So much work piled up that they had to send it out to other specialist firms on a sub-contract basis. One of these was featured in our recent article – Howard Murray of Swinton. For a while, all went well. How could you lose, with a good product and customers lined up down the street?

Well, lose they did. The firm is now in liquidation and seems unlikely to re-open. What went wrong? Now we get back to our Sid CB and his sharp comments about “good buddies.” You see, what went wrong was simply that too many of the good buddies either did not pay up or paid up with dud cheques, dud credit cards or dud bank cards. It seems that the conversion firm were ripped off something rotten by good buddies. Why did that happen . . . was it because the conversions were too costly or did they not work properly? No. It seems that there were too many dishonest breakers about, people who just do not care about the image CB is getting.

Can it be that one of the reasons CB has been kicked into touch by a lot of ordinary people is the awful image it has, with so many muppets,

contd. on page 10



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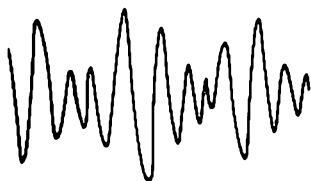
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CONVERTING A.M. TO F.M. contd. from page 8

bucketmouths and jobs in it? OK, there are a lot of decent people as well but its the slobs who get noticed and they put the boot into CB.

That was the bad news. The closure of Finelms does *not* mean the end of AM to FM conversions, by their special systems. *That is the good news!*

Fortunately, the closure has not halted supplies of parts and it has not affected at least one of their agents. We hear that our rig doctor has managed to get hold of stocks of specialised conversion products used by Finelms. Better still, he has now developed conversions for a whole range of AM rigs that were thought to be unconvertible, so that it is easier to list rigs that cannot be done (at present, without excessive costs) than it is to list those that have been successfully converted.

But for all those good buddies who plan to go along to rip him off, we have bad news. You have *no* chance of taking a rig away without paying up first and you can forget about dud cheques. It's a sad day when people have to treat breakers like criminals, but that's the way the *minority* seem to want it.

Now let's assume that you want a rig converted. Where do you start? Is it worth sending it away or is it worth even a phone call?

The first thing to see is whether the rig is a multimode or not. The rig doctor reports that recent trials with one AM/LSB/USB rig proved that even if it could be put onto the legal channels, the FM quality was very poor. The reason is that the rig is actually *too good* for FM! A major component change (too costly for most people) is needed to fix that one. Obviously, that rig is better left alone . . . but it will stay illegal. Incidentally, those of you who may have been thinking that the easy way out was to sell the rig to a radio ham (who could legally use it on the 28 MHz amateur band) ought to be told the latest bad joke from Willie Whitelaw's bunch of loonies. They were asked if breakers with multimodes that were too good to convert to FM could have them converted into ham radio rigs for the 28 MHz band. An easy conversion, for which the Customs would have got their £5. The breaker would have

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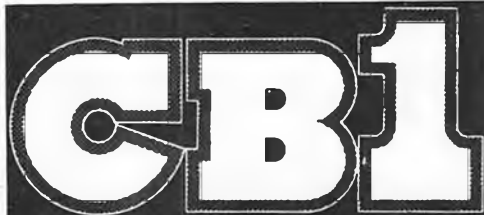
got rid of his rig for a good price and would have bought an FM rig to replace it. All concerned would have been happy, not least Busby who had one less rig to track down. Willie's merry men thought about it for at least ten seconds and said NO WAY! Obviously it was too simple for their tiny minds to take in such a neat scheme for getting illegal rigs onto the legal market. Nutters, aren't they? You cannot sell a perfectly good ssb rig to a guy who has actually got the licence to use it. If you do, he can get busted, even if he pays the Customs duty . . . Crazyville.

Now you want to know if your rig will convert. Ignore the multimodes for a moment, the only rigs that do *not* convert (at least yet) are the Veep, Cobra 19GTL, Pegasus and Stalker 4. These all have design oddities which make it nearly impossible to get them onto the legit channels. About the only known way of using these rigs is as boat anchors. (Why not tie a bucketmouth to it before you sling it overboard and be kind to hungry sharks?)

The following rigs will convert to FM. *All* Midland (good old Plustronics, you might have known that they would choose to handle a range of rigs based on straightforward designs); Colt 210 and 220; Cobra 19X and 19GX (NOT GTL, see above) Cobra 21 GTL; Markom 4; CB Master; Vice President Roy; Jaws Mk II; Tristar 707; Realistic TRC 422A; TRC 428; Sharp 40; Small window, Large window; one hander; General Electric 3-5805 and 3-5804; all G.E. except suffix 'G'; Stalker 7; President AR7; Dwight D. Zachary T. Madison; Sea Hawk (has 3 vhf channels) Lake 550; Superstar 120FM; Tiger 40A; Kraco 4004; Chaser 5000; Sirtel. Not bad? That little lot covers most of the rigs in common use, but even if yours is not in the list, it's well worth asking. There are a number of "own brand" rigs about which have a well-known chassis inside the case. If the chassis is in the list, the rig will convert OK.

Last time we covered conversions we told you what is involved, so we will lay off the technical stuff. What you need to know is that just because one major firm has gone bust there is no sudden increase in the cost. There may be a delay if you go to Howard Murray, because he is now working around the clock to keep up with the demand, but at least

contd. on page 18



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C.B. IS ALIVE

B.O.T.S. looks at the style of clubs . . .

From the ups and downs in C.B. since A.M. to the legal day it's good to know C.B.ers and their clubs still have it organised to be good buddies. Here we have just one report for example – do you measure up? (Let us know).

C.B. RALLY IN DORSET, JUNE 25th

This is to inform you of a C.B. "Eyeball" which is being held at Portland, Dorset, over the week-end of 25th, 26th, 27 June 1982 (Fri. Sat. Sun.). This is the fourth such event, and as such it has received much publicity and will (hopefully) be well attended. The venue will be the clifftops overlooking the famous Chesil Beach.

The meeting is being organised by a group of C.B. enthusiasts. Our particular group is interested in long range communication – using low power equipment. We call ourselves The South West Coast Link-up Group, and "Meet" on C.B. Radio on Friday, Saturday nights – to form a radio link which extends along the South West Coast, from Portland to Plymouth and from Portland to the Isle of Wight and Guernsey. Other areas reached by standard legal C.B. radios include Cheddar Gorge and South Wales.

We intend to camp out on the clifftops and entertain ourselves in various ways. There will be an interesting variety of tents, vehicles, characters and costumes. The people involved range through most age and occupation groups and are not the 10-4 Rubber Duck type of breaker that the media sometimes present (though in all honesty we have our allocation of idiots).

We are hoping you might find the time to come and interview us – either before or during the event. In any case, we would very much appreciate a "mention" a week or two before the event, telling "Breakers" what and where we are, and also on the Fri. or Sat. (25th, 26th June).

Hoping you might be kind enough to write to me soon, with any indication (or otherwise) of your willingness or intention to assist us. Finally – Please could you send me a dozen stickers or Q.S.L. cards for our Logbook and to use as prizes for our Raffle or Lucky Draw etc.

Fender Bender

69 Fortuneswell, Portland, Dorset.



AMALGAMATED BREAKERS ASSOCIATION

c/o Ansdall Institute, Woodlands Road, Ansdall, Lytham, St. Annes.

I would like to take this opportunity by putting this letter before you. I am writing to you on behalf of the club. We are a new club and we had our first eyeball on the 30th April with a Convoy from Southport and a coach full as well.

We are a new club and we wish to go on as we start. On the 14th May we have a Convoy from Stoke-on-Trent coming to one of our eyeballs, with two coaches and a number of people in cars as well.

We would like to think that Breakers from clubs would come to our eyeballs by invitation and we would also receive invitations from clubs as well, because this is what it is all about.

We would like to think that a few more of the Committees would try and do a little more for their clubs, because in my opinion there is no one trying to make C.B. National between clubs. I would like to think that we could have a Convoy to Stoke-on-Trent or even Birmingham with an invitation for them to come to our club, this could come about if the Committees did a little more for the clubs, but not only the Committees but the Breakers themselves, because after all it's the Breakers who make the clubs.

I myself am fed up with Breakers saying all the C.B. clubs are no good, there are no opportunities for Breakers to do anything, there are no good eyeballs, what problem is this? It's the Breakers themselves, because they don't try and do something.

We are having a big charity do for the blind within a few months and I would like to think we could have a few clubs involved with us because we would hope at the end of the day we could all have a mass eyeball and all sit down to a drink and something to eat with a live night of entertainment, "dates to be arranged", this will be coming about within the next few months. Club Committees have to be called so any club who would wish to lay on a trip to St. Annes could write for information on this and all details will be given by Committees of clubs only.

Our meetings are held at the above address every other Friday but can have an eyeball each Friday if clubs wish to come, as long as we receive a letter from the club.

We would like to think all Breakers clubs would try our club as we would like to try theirs, we are hoping to set a new style of C.B. with club interest and this with all clubs we would offer a meeting, film shows, live entertainment, music if wished for, but I would like to see clubs planning the eyeballs out with each club to find out the kind of things that go down well with each club.

As for the 14th May we have a film show on React. The film tells Breakers how to make use of channel nine and we hope to point out all

contd. on page 19

A TOUCH OF CHARITY

C.B.ERS BEDPUSH 82

On August Bank Holiday my group intend to cover a total of 68 miles with a sponsored Bedpush from Bredbury to Blackpool.

This Bedpush is in aid of a new addition to the Royal Manchester Childrens Hospital, Pendlebury.

This addition being a much needed Bone Marrow Transplant Unit, the only other unit being in London.

In the last 5 years 95 children have had to die because of two things:

1. A lack of this type of facility and
2. A lack of money.

Each year the doctors have to decide which child has to live and which child must die because of the lack of such a unit as we are trying to fund. Could you make that decision?

In this article, we are asking you to help us to help these childrens' plight.

There are various ways in which you can do this:

1. Direct Donations. These should be made payable to: Bedpush 82, Account No. 06695468, Trustee Savings Bank, Woodley Branch.
2. Sponsorship. This mainly applies to business people. Why not place an advert on our vehicles or T-Shirt?
3. Items to raffle or auction (individual or business companies).
4. Support our various fund raisers (ie coffee mornings, raffles, grand disco and light extravaganzas etc).

The people who are taking part in this event are putting their whole into this and if you think it is easy try skating from one end of your own town to the other pushing a hospital bed and you will realise it is not.

The money which we raise beforehand is to cover the hire of transport, food, petrol and other small incidentals.

Any person requiring further details of any of the following: Donations, Sponsorship, Raffles or our other fund raisers, should contact me at the address below.

Thanking you all in anticipation of your wholehearted support.

P.A. Lewis, 7 Bowlands Road, Woodley, Stockport, Cheshire.

A TOUCH OF CHARITY

STOKE MANDEVILLE AND OTHER HOSPITALS C.B. RADIO APPEAL

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THE STOKE MANDEVILLE & OTHER HOSPITALS CB RADIO APPEAL was launched on September 17th 1981 in the hope of raising ONE AND A HALF MILLION PLUS towards building a ward at Stoke Mandeville which will be called a C.B. WARD.

Any surplus donations over the target will be donated to other specialised hospitals in the country.

It was suggested that if each Breaker donated 50p. and a record of their handles made it would give a clear indication of how many Breakers there are in the country and also reveal the good side of C.B.

All donations whether through Breakers Clubs or individually should be paid into their local branch of the MIDLAND BANK, which will then be transferred to the TARPORLEY BRANCH. The account No. is 51018965. The sorting code is 40-44-03. All donations to be made out to the STOKE MANDEVILLE & OTHER HOSPITALS APPEAL.

It is hoped to end this appeal with a mass Eye-Ball where we can thank all the Breakers for their donations and the cheques will be handed over to the relevant parties.

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CONVERTING A.M. TO F.M. contd. from page 11

he has the gear to do a good job. He also has conversions that others may not be able to offer, and they are all tried and tested. It's up to you. If you need more info about FM, ask around. Few letters we get say that it's no good; many say that it is much better than breakers expected it to be. When you have made up your mind, look for a pro converter who can be trusted to do a fair job. Then please don't try to rip him off. There has been enough of that and the losers will be breakers, because sooner or later no-one will want to touch CB conversion or servicing without cash in advance.

For more information about available conversions, prices, and things like that, ring 061 737 4685 (Howard Murray) or Bolton 593856 (BOTS Office).

We are still looking for information from breakers who have had conversions done, especially where problems cropped up or where the fuzz leant on you. This kind of information might save other breakers a lot of grief. That's what we are here for . . . to give you the service you deserve. Bring it on in ■

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Prices include postage and packing.

C.B. IS ALIVE contd. from page 13

the objectives of this channel and also we hope to cover ch. 9 with Blackpool, Preston and Southport, but this all comes back to communications, this is where the clubs should communicate with each other, then maybe we can start to make use of C.B. and things like channel nine.

To our members we offer a number of things, that's if the members are willing to show enough insight in to the club, let's not forget it's the members club and the Breakers who make the club, we offer trips, convoys, film shows, we hope to bring about a lot of charity events, fox hunts, sponsored swims, walks, bed pushes, and anything else our members can come up with, ask for by popular demand.

Our membership is £3 with 25p entrance fee each week, 50p to non members. Convoys from clubs 25p each as they will be treated as a member and welcomed to the club.

We also hope to start a D.X. section due to popular demand with a P.O. Box, this section will come about within the near future.

Most of our proceeds will be going to organised charities like the Blind.

And one thing more, we are for AM and FM Breakers, so all are welcome to the club. We are open for membership and this can be made at any eyeball.

So why not give us a try we will give you a night to look back on and a night to remember so that you will wish to come back●



Wren's Nest

A truly continental influenced wine bar

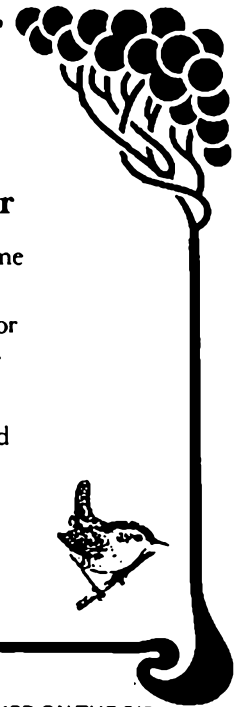
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The Vaults of the Old Town Hall
Greaves Street
Oldham
England



DXing.....WE

Sitting here, having a QSO with an American, Station 285 West Virginia, I was interrupted by an English station shouting QSK! QSK! Roy in America couldn't hear him very well, but explained he was having difficulty getting all my co-ordinations due to QRM. I took it upon myself to ask the English station to hold on a second while I finished my QSO and was promptly told where to get off! Well, thanks a lot mate! What a way to publicise English C.B. on the 11 metre band. I tried to explain that if he let me finish my copy, I would try to join him up with the USA as I would be quite satisfied with the details I had written on my log book, ready for a QSL return. Even then I was met with more abuse with a suggestion that I shut up while he spoke with the U.S.A.

I would like to stress one thing. When using sideband – WAIT until two stations have finished talking before going in. Skip conditions are not very favourable at the moment and when a hook up is made, people like to finish off before any other station shouting QSK gets in to take over. Remember, there are something like 2,000 other channels you could use so if you can't be patient enough to be invited in, then QSY elsewhere and leave the other two stations alone.

Another thing I want to ask – where did QSK come from? This has only recently been used by SSB operators and appears to be quite common on F.M. as well. For those of you who haven't heard, QSK apparently means "on the side". If anyone can tell me where QSK first originated, I will inform the R.S.G.B. and see if they will officially accept it as part of their already worldwide known Q code. I have been informed that a few sideband organisations are already adding it to their Q code list for future members usage.

Another addition to the Q code, purely for fun, is QRW – simply "Wally on frequency". I have heard this quite often in and around my QTH, perhaps it might catch on.

Please remember though, with these two codes, especially QSK, if two stations abroad are in QSO, don't bother shouting QSK as they probably haven't heard of it yet.

Last month I announced the end of the QSL card competition, and this month I am pleased to announce the winners. Before I do, may I just say that Peter George and myself had a very difficult job sorting out the winner. The quality of the designs was very good and your ideas quite surprised us. But a winner had to be found and we came up with VINCE DICKENS of 15 CLEVEDON ROAD, CHADDERTON, OLDHAM, LANCS. Vince drew exactly what we were after, a typical office scene involving the members of B.O.T.S. including Sid C.B. and Buck Fuzby. I must admit the likeness of the Ed was quite uncanny as well. Only thing wrong was that the guy in the drawing had more hair (Oh well! bang goes my reporters job).

I contacted Vince to inform him of his win and was quite taken aback when he told me that he was retired, having been employed by ICI for 30 years. Now, at 62, his main interest is C.B. Well, Vince, congratulations on your win. As promised, by now you should have received your new home-base mike to go with your Barracuda 40 ch F.M. and Silver Rod. Along with 200 of the printed cards, you will also receive a copy of B.O.T.S. every month for a year. Let's hope one day you will elect to use Sideband Vince, it will be nice to QSO with you.

We felt a special mention had to go to a young man called Michael Daly of 19 Sefton Road, Litherland, Liverpool 21. Not content with designing us a card, he did NINE



QSL, YOU QSL

different designs. Anyway Mike, you also will receive a year's supply of B.O.T.S. and 100 of the B.O.T.S. QSL cards for you to QSL with.

Anybody else who wishes to get hold of the mag's own QSL card, I suggest you send in your card to me at the address below or the Ed's office direct. We will swap 1-4-1 only if your cards are signed and dated.

In the meantime, Vince's winning design can be seen in next month's article, along with a photo of him with the homebase mike.

Which brings me nicely on to the next subject. 100% QSLers. Many of you are writing to me asking to be included in the list, but not sending in a card. And some of you only send a club card in with no personal or address. So from now on, if you wish to be featured as a 100% QSLer, then send your own personal card with address on the front and it will be featured in the QSL card selection at the back. Then people can see what card you have to offer and will start swapping with you.

April was the date for the National 10-4 day exhibition, the venue, Wembley Conference Centre. The event was organised by James O'Hara, editor of C.B. Radio Magazine and saw almost 21,000 people, including 4,000 traders go through the doors over the Easter Bank Holiday period. It was certainly nice to meet the DX QSLers who turned up from as far as Wales, Scotland and the Channel Islands. By far the best part for me was meeting the President of Berliner Bear QSL club from West Germany. Knut came over on a visit to Yorkshire and took up the offer of coming to the exhibition. In his own words, it was the best exhibition he had seen in his 5½ years of C.B.

This was C.B. Radio's second go at an exhibition, many of you who may have gone to Heathrow last year will no doubt remember the mayhem and total confusion there was. This year was certainly to be different. The venue was bigger, the car parking was better and the only complaints I could say were justified were Wembley's high prices for food and beverage.

The people who paid their £2 entry fee certainly got a lot for their money. Along with 50 different stall holders and various different CB organisations such as R.E.A.C.T. T.H.A.M.E.S. Channel and Big Ben QSL Club and others, there were different competitions such as Buckin' Bronco for the kids and various different raffles. The most popular competition was the wet 'T' Shirt competition, held in a room separate from the exhibition itself. When the organisers announced it was on, the whole of the exhibition seemed to empty as all the men went to watch girls being soaked in cold water in aid of Help a London Child Charity.

A spokesman for CB Radio said that they raised over £2,000 for Help a London Child and after the response from exhibitors and comments from the public, she felt very sure that another exhibition will be held, although a venue has not been decided on.

Now then, a letter I had from Barry Westfield in Birmingham asked me how big a linear Amplifier he would need to get across to the U.S.A. Well, Barry, you don't. Linears are very unsociable to certain members of C.B. i.e. F.M. Breakers and other DXers alike. Although I use one myself (CTE 1000) I don't necessarily need it for DXing. Really you have to rely on your antennae, the best being a beam antennae. They are not too expensive, far cheaper than a linear and won't interfere with other stations. It seems that a lot of people are boasting the use of Bremmi and Zetagi but at the same time the Post Office are having more calls from legal Breakers and Television viewers, claiming

contd. over

DXing

WE QSL, YOU QSL contd.

interference. And it's you who will lose out in the end i.e. confiscation and a possible prosecution as I am sure you don't need me to remind you that linears are illegal.

When talking skip, it seems a few breakers tend to exaggerate their exact distance of a QSO according to one DXer who wrote in. He said that he heard two stations talking about QSO's and one said to the other that he had talked to a station about 150 miles away. According to the letter, and I'm sorry the writer didn't supply his name, he reckons the distance wasn't even half that, and what could I do about it. Nothing really, is my answer. It's nothing to do with me, all I can suggest is that maybe you could have gone in and put the Breaker right by discussing it with him. You never know, he may have made a genuine mistake.

This month's DX group is an organisation directed at DXers only. The Triple Sierra (Sunderland Skip Shooters) of P.O. Box 52, Sunderland SR3 1EZ, Tyne and Wear, wrote to me informing me of their set up.

Although only a small unit, only 30 members, their prime aims are to improve techniques to spread 11 metre courtesy. And I can assure you that there are not many groups who can honestly boast this. The Triple Sierras meet at a local pub every fortnight and Chris Hodgson, the Chairman, would like to hear from local DXers seriously interested in taking part. I have been asked to stress that this is not a "QSL Swap" club, but if Triple Sierra members QSO with anyone they do promise 100% swap, but only on QSO, so please don't send cards to the P.O. Box hoping for a swap QSL. From what I can see, this may be a small group, but I feel pretty sure you will hear the call sign "Triple Sierra" on frequency in the near future quite a lot in the North East. Of course, any other DX organisations that may feel they warrant a mention, let's hear from you!

Next month the Club I will be featuring is the Norway Amateurs Swap Club. So until then, take care, and good DXing. Keep your cards and letters rolling in and don't forget: "We QSL - You QSL". 73's 55's ●

DUKE QRT

The Duke,
Big Ben QSL Club,
P.O. Box 14,
Godalming,
Surrey.
GU7 1HY.



POET'S PAGE

THE WONDROUS WORLD OF C.B.

We have C.B. Rigs by assorted makers
Fancy twigs and countless breakers
Some who are quiet, some who shout
Plankers few we could all do without.
Not enough channels on legal F.M.
Causing friction galore twixt us and them.
We are told to knock it up, or knock it down one
Or "gerroff", "bisey-byes", or just "get gone"!
This channel is ours they always say
So down you go and fade away.
Good buddies we are, we do as we're told
Six hanging 'till a channel is cold.
Modulating once more, then a breaker irate
In on the side, told to let it slide
Gently reminds us, he's in the chair
With a wondrous network on the air
Would we knock it up, or maybe down
Only getting skip making us frown
So loudly we shout on channel one four
Trying to copy our buddies we've copied before
Handles courtesly exchanged, to our utter dismay
We are told to knock it up, or knock it down
Then quietly fade away.
Despite all this hassle and battles not won
We love our rigs which give us such fun.
Friends on the air, we make by the score
In this new world we've discovered –
Each day brings us more.
Late at night we sit – often till dawn
Racheting away until we yawn
After pushing good numbers, wall to wall
Rubbing our eyes, into bed we crawl.
In a somnulent posture, so serene
We dream of needles on the green
When a familiar sound pounds through our head
As we snuggle in our cozy bed –
"Breakers just come on – **KNOCK IT UP, OR DOWN ONE**
10-10. Bize-e-Bize – Breaker Break
Smiling satisfied – no more can we take
And with a whoooooosh – we gone!

*Nomad,
Stoke-on-Trent.*

contd. on page 31

WANNA BUY A CB CLUB?

? ? ? ? ? ?

The explosion in CB clubs is over. Not so long ago there were as many clubs as breakers. You name it and there was a club for it; often clubs met in the same premises on different nights, with the same people attending both meetings. I once went to a meeting of two separate clubs arranged (by mistake) for the same night and the same room. Even stranger, the two meetings had a lot of the same breakers involved in them! The growth of the clubs is fairly easy to understand. When CB was all illegal everybody kept a low profile. Clubs were careful to check new members and often the membership was strictly limited to say 50 or 100. That way all the members knew one another and security was the name of the game. If you were a DXer you joined the local DX club, just to get into the local DX scene. Really, breakers *had* to join a club because that was often the only way into CB and the only way to get a rig. If you were very keen you had to join several clubs to meet all the other breakers in the area with the same sort of interests . . . there were clubs for everything you could think of.

Then came legalisation and suddenly there was no need for the security any more. You could go out and buy rigs anywhere and you could go onto FM by just buying a licence. So there was no need for a lot of the clubs and they started to fold up.

The clubs that are left seem to fall into three groups, as follows:

- A. the regular breakers club that is heavily into community service and set up to give its members a good social scene. Some ban AM, others tolerate any mode, but they are all pretty easy-going pleasant outfits to join. They might well be ideal for 75% of breakers.
- B. the club that is AM-only and very aggressive with it. If you are into street demos, aggro and bucketmouthing you might be happy in an AM club. Mind you it also helps to believe that the earth is flat, because some of the AM-only-and-for-ever breakers still think that FM does not work! Nothing will convince some people that FM is not half as

contd. on page 26

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WANNA BUY A C.B. CLUB contd. from page 24

bad as they say . . . and it's a lot better, according to many of our readers. (Of course there are some breakers around who think that if you do not give TVI to all the neighbours then your station is not very efficient!) Perhaps it's fortunate that many former AM clubs are now open to FM breakers, or we might have a war on our hands. C. that leaves the DXer clubs for breakers who are tooled up for sideband and skip working. This is now very much a minority interest and now that legal CB has taken away all the breakers who were never all that keen on DXing, the DXer clubs are feeling the pinch. There are just not enough DXers around to support so many clubs.

However one of the things that has done most to see off the DX clubs is the growth of mail order DX clubs that give a QSL and stationary service for pennies. The big advantage of the local club is now available cheaper by post.

Unfortunately, this has not done DXers much good; it has helped to isolate them even more than they were by legalisation. Up to legal CB, all breakers were at risk of the dreaded bust by Busby. Now it's only the very local AM breakers and the DXers who are at risk. Guess who stands out on the channels as being illegal??? Yes, you can hear the sideband DXers for miles and miles, so obviously illegal and at risk.

What the mail order clubs fail to do is provide a real club atmosphere. DXers have usually to travel a long way to get together, with other breakers they may never see for months. There are some exceptions, but any club that recruits members in very large numbers from all over the place is likely to turn into another QSL supermarket . . . just a place to get your cards from, with zero community spirit. Also, mail order clubs have to be run by some sort of resident committee who may have not much idea what members think or need. It's a recipe for total zero democracy, with the same old clique in charge. Who audits the books and who keeps *your* name and address secret?

What is the answer? Well, if you are into DX then support your *local* Club. If you don't like it then change it. Nothing is sacred if it is not doing members any good. Stop moaning and do something!

We can give you one example, from real life. No-one knows how it is going to end up, but the members will really give it a go. Let's call it the CFD DX Club. (not the real name, but maybe you recognise it; the symptoms fit a few other clubs too).

Set up as a pure DX club with regular, very formal meetings, *compulsory* attendance and subscriptions, it catered for a fixed number of DXers, the same friendly, helpful crowd at each meeting. Then there was a rush of blood to the head; it was *too successful!* The membership was opened up, branches were formed and pretty soon there were guys selling straight forty rigs at club meetings (yes, this was a sideband club!)

At the same time the newcomers and the changed atmosphere turned the meetings into a real pain in the . . . with all the bickering, arguing and bucketmouthing that went on, for hours on end. Not surprisingly the old faithful members quit in dozens.

Now the light has dawned. The club may be re-built as a DX club for DXers. No planks, no instant membership at the door. Just a good club for the benefit of the members who want to meet regularly and enjoy a good social evening with the minimum of formality. Yes, wives and girl friends will be welcome, but trouble will not be tolerated, from anybody. That's it folks, clubs are for people to join and stay with. It's not like dropping into a pub for a pint, but if that is the way you like to run a club, with no standards of conduct (on or off the air) then you deserve what you get. If you

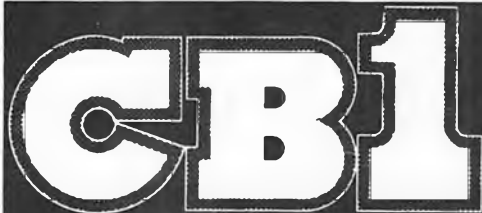


want an ace club then you have to work at it. We wish the CFD club well. It was a great club and its members can make it one again, given the effort and support they need.

CB needs good local clubs more than it needs post office boxes because it is organised, responsible CBers who shape the way the airwaves are used. Long distance clubs have no real effect because their members are spread around too thin on the ground. If most CBers (not just DXers) belonged to good local clubs, then we think that it would have a gradual and very large effect on the behaviour of those yobboes who are wrecking the CB scene by their loudmouthed, dead ignorant planking about and bucketmouthing. At present they can get away with a lot because they are not known to many; they are cowards hiding behind a handle. If they thought that *everybody* knew their names and addresses, *through the local club*, then they might have to knock it off. It's hard to be rude to people who know you well (and who know all your family/parents . . . how many parents would put up with being labelled as a bucketmouth family because their kids give the neighbouring breakers hell every night???) Our guess is that a few rigs would suddenly develop "faults").

Note that we are NOT saying that a vigilante posse is to be set up to go out knee-capping rigs. There are other and equally good ways of stopping a bucketmouth. There is even Busby . . . if a reputable club has a problem breaker screwing up the channels then they ought to be able to go get Busby in to sort him/her out. That might be a last resort, of course. There are other ways to try first, like the 'Kersal earache' treatment recently used to convince a breaker that he had better stop annoying other people. After a week or two of being unable to talk to anyone (because of the noises that always started on his channel) he got the message . . . we don't want your big mouth here. He suddenly decided to behave better. Patient, low-key policing of our own airwaves takes organisation. It takes a good local club to do it well. The sort of CB scene *you* get is going to depend on what sort of effort *you* make. So support your local club, whatever kind of CB grabs you.

Let us know what you are doing, because we are here to keep others informed about *your* club and its activities. Keep those club reports rolling in so we can spread the news around. We are more than happy to help you get new members, or to put you in touch with old members who might decide to re-join. That's what CB is all about, co-operation for the good of all breakers. And it is probably the breakers within a couple of miles of your 20 who are most likely to need your help, (10 miles if you are on sideband.) Help them and your area will be all the better for it!



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To the Editor!



Dear B.O.T.S.

Having just finished reading your latest issue I think a few things could use an airing.

Devious asks “where have all the old breakers gone?” – easy one to answer for this area, in search of a quiet piece of band, whether SSB on 11m, Echo Charlie or any other quiet gap *outside* of the normal CB sets range of frequencies. The sheer number of idiots, beginners (including “veteran beginners”) and impatient operators means that it is just too much aggravation to talk on straight CB channels – wherever they may be FM, AM or pirate blocks.

Calling “QSK” or “On the Side” every time a station on keys does not spread friendship, it gets up noses.

Speaking for SSB and AM (FM is a complete waste of time for *serious* radio users with the current overcrowding) up until the summer of last year a lot of networks were run by various stations all over the country to allow CB’ers to get the opportunity to work distances that were normally impossible by simply having a quiet, controlled channel/frequency.

People climbed mountains, bought better and more expensive equipment to be able to work farther and then farther still. Then came the Wallies and everything moved away – it didn’t vanish it just hid from the garbage.

There used to be an automatic, unruléd courtesy on CB in general. You bought a rig because a friend had one and knew where to get one (if he thought you were O.K.) and either taught you how to use it properly or the “listen and learn” principle came into effect. Now with legalisation on FM and AM available virtually anywhere the principle is talk, talk, talk – no knowledge, nothing interesting – just noise. It’s hardly surprising that the “Old Breakers” have either packed up altogether or gone elsewhere.

That really answers the lack of interest or despondancy being shown to the “get everything legal” campaigners. The serious stations do not really want legalisation – there are too many on CB already who do not know what they are doing – mostly on FM. Just imagine what would happen if the “legal” idiots could go anywhere without fear – it would be 10 times the mess it is now.

The present set up is just fine – cause no TVI or other problems and you will be left alone, all you need is the balls to break the law – knowingly – and that keeps a lot of people on legal and semi-legal FM. Thank God and Willie Whitelaw for their accidental blessing.

AM is much quieter – the stations using it are mostly sensible and it is working well again – shades of 80–81. FM is suitable for short distance personal communication (and not so short at times). What needs doing is not a loosening of the screws on CB law but a tightening – stamp on FM users with linears in built up areas, stamp on *anyone* using a radio inconsiderately – T.V.I., stereo interference or just bad language, and it will grow to be a better thing wherever you use it – AM, FM, SSB etc.

All FM interference is not caused by SSB, British or overseas despite what our new found “good buddies” think.

Shouting over SSB on AM is not clever. Shouting at stations on SSB because you can hear them does not mean *they want to talk to you* – leave them alone unless you have something to contribute to the conversation.



DXing will never be legal simply because it will mean talking to pirate stations in other countries and that will not be allowed – it's illegal for any radio amateur to talk to unlicensed stations and most of them are as legal as we dream about being.

What I would like to see is the RSGB sorted out by the government – let's have an RAE for Radio *operators* not electrical technicians, let's dispel the "mystique" that 50+ year old hams are so desperately hanging on to. It is no longer a necessity to understand how a radio works to the level required by the RAE – All of the hams that I know wouldn't dream of fiddling with their Yasu or Trio so a basic technical knowledge of radio is sufficient. Let's stop the RAE being so hypocritically fixed by the RSGB – on one hand they say great to see the increase in radio interest and on the other they make the RAE twice as difficult to pass to stop it getting onto the ham bands.

The licensing for Radio Amateurs should be independent of the RSGB who are looking after themselves and not the hobby – just examine the type of people who run the RSGB.....

Golden Voice has had experience of the poorer side of CB and many, many others are the same. Breakers who use the radio properly rarely have problems finding someone to talk to and not too long ago you learned how to use the radio properly simply because people would not talk to you if you didn't.

I believe that it's time to forget the old courtesy of talking to anyone on CB when they called simply because it is not working – it is very hard to have a sensible two way copy without someone bursting in after 30 seconds.

To the Breakers on the Side and the QSK's, I say if you are not brought in or acknowledged within 10 or 15 seconds, go somewhere else and do not destroy someone elses copy/QSO.

73's to everyone except the planks ●

*Texas Ranger,
Hereford.*

Dear Mr. Newsagent.

Please Deliver 'Breaker On The Side'
to my home every month

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C.B. FOR ONE C.B. FOR ALL

HAVE you tried picking up a telephone and saying this is FRED and the response comes – WHO? Well I would just like to chat with you – WHAT? click . . . Yet no matter who you are, you can now buy one of those boxes with hidden extras like twig and S.W.R. All plugged in with twelve volts and you speak to whoever you like. If its illegal, pirate A.M. it's all a question of welcome good buddie but now we have the new superman league, custodian of law and virtue the all British, stiff upper lip U.K. F.M. 'er.

Now you switch on a rig and it's a bit like that telephone call 14 for a copy and unheard voices act like a computer clicking into gear but much, much slower: plank to plank, do you recognise that voice – not certain but after great pain and anguish: You've got your copy, pick a channel and then you break straight in the middle of someone elses ratchet and here we have the same problem and the same cycle of events that all happened in A.M. In the A.M. scene, it all started with 40 channels and coupled with the want for something better/flashier moved and produced a demand for more switches and as more people came on the air more channels, highbands and sidebands. Indeed A.M. solved a lot of its users problems with the availability of many types and styles of C.B. equipment. Although illegal A.M. has grown. The A.M. 'not too naughty illegal' users pulled together and out popped the goodbuddie. Of course we now have a British specification for C.B. which allows us all to use C.B. U.K. F.M. buy your equipment, pay your £10 licence and you are on the air.

Today F.M. has its problems but still keeps a glimmer of a bright future. People in the street, thousands who waited for the legal day – lemmings. All found themselves faced with short supply, lack of availability and created a supply and demand situation from which false confidences could have grown. Anyway from day one you in the street looked at the new C.B. The sceptics said 40 channels for £70 (A.M. black market £45) but who really knew. The U.K. F.M. is a very different market. It is not some warehouse in some back street in some country clearing dead stocks of A.M. units because that warehouse is suffering a product in a saturated market and any price is better than loss. British C.B. is big business and the big businesses Binatone, Fidelity, Plustronics, Amstrad, Rotel from day one should have got themselves together to form a consortium to explain their story and all what goes behind their names.

The market has seen an upheaval and against what I have



explained to the cycle of events in A.M. shops have found their mix of product not selling the cheaper sets as everyone thought but in fact it is the more expensive, better equipped sets that appeal and sell. 450,000 licences issued (7,000 a week) and with stocks starting to run low, could we have a mini boom on the horizon. The man in the street, and you as a C.B.er will agree, wants the most from his C.B. You want your C.B. to be a sophisticated piece of equipment and whilst 'The names' work to give you what you want the A.M. still exists, be it from the excitement to speak across the world or the appeal of more switches, more channels? In many respects it is not your equipment that is the problem but how we use C.B. I'm the first to put my hands up to say C.B. is for everyone but we are into communication and if you stood in your market square how many people could you tap on the shoulder and say 'I'm talking to you and how would you react if someone effing and blinding at your partner or walking in your house at meal times with all the kids around the table and there stands a person slanging away. We must all 'relate' when we speak on a C.B. Come on now is the time to bring it all together we can make C.B. what we want. The problem is not in whose make of set you buy it is with you and the person next to you. You use C.B. Let us all learn how we should use C.B. to the best of its advantage. C.B. is a fantastic thing and we can all enjoy its benefits ■

POET'S PAGE contd. from page 23

THE MISLEAD BREAKER

I read with concern on poets page,
Of a breaker "mechanic" who's fight I'll engage,
For I was a breaker, set on A.M.,
But never again, for I now know F.M.
Mechanic say's one mile, I say get it right,
I'm talking to breaker's way out of sight,
And it's not just good weather, or plenty of luck,
At fifteen miles, mobile, I speak to a truck.
I park in a lay-by, switch on my rig,
And on Anglesey Island, (not very big)
I'm talking to Ireland, Michael and Jan,
And who's on the side, the Island of Man.
Thirty miles, fifty miles, I do admit more,
And now I think back, it makes me feel sore
I was brainwashed on A.M., by others that said,
X million breakers, do all this instead.
But Whitelaw was right, on his choice of F.M.
No interference to neighbours again,
I'm so sure mechanic should try a new rig,
Or come and try mine, it's open not hid.

Brian Wills (Knitwit)
Checkout, Anglesey.

RIG REVIEW



UNIDEN MODEL UNIACE 200

The rig reviewed in April's B.O.T.S. was the Uniden Uniace 100, this month the up market version, the UNIACE 200 is put through its paces. As with the Uniace 100 the 200 has the general appearance of one of the popular A.M. rigs, in this case the PRESIDENT GRANT. The UNIACE 200 has the usual volume, squelch, power and channel select controls plus extra features such as R.F. Gain, Mic. Gain, P.A., tone and display brightness controls.

Like the 100, the UNIACE 200 has excellent strong signal handling performance and careful use of the R.G. Gain control makes this even better. I've even copied stations several miles away while my next door neighbour has been transmitting on his rig, with most of other rigs I have tested this is not possible. The rig may be a bit large for mobile use where the Uniace 100 might be a better choice and cheaper. The cost of the UNIACE 200 is anything between £45 and £120 depending which shop you go to, which really does prove it pays to shop around. Many suppliers are willing to make a loss in view of the falling demand for C.B. rigs.

SPECIFICATIONS

R.F. Output Power – 4 watts or 0.4 watts (switch selectable).

Type of Modulation – F.M. (F3E).

Receive Sensitivity – 0.7 μ V for 20dB S/N.

Power Supply Requirements – 13.8v D.C. at 2amps.

Size – 160mm (6 $\frac{1}{4}$ ") wide x 55mm (2 $\frac{1}{4}$ ") high x 217mm (8 $\frac{1}{2}$ ") deep.

Channels – 1 to 40 (27.60125 – 27.99125).

STAR BUY!

Readers Special Offer!

We've found you a way to add a touch of class to your appearance. We offer you Highest Quality T-Shirts & Sweat Shirts featuring our exclusive 'Breaker On The Side' logo. Natty, in two colours just for you.



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please send me:

T Shirts £3.00

Sweat Shirts £6.95

SIZE	SMALL 32-34		MEDIUM 36-38		LARGE 40-42		SMALL 32-34		MEDIUM 36-38		LARGE 40-42	
COLOUR	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	SKYBLUE	RED	SKYBLUE	RED	SKYBLUE	RED
QUANTITY												

ALSO AVAILABLE ★ T Shirts and Sweat Shirts with Breast Pocket Motif.

★ Your handle printed for only 60p extra.

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Total quantity of shirts (inc. Sweatshirts & Specially Printed Shirts.) _____

(IF REQUIRED) YOUR HANDLE _____

NAME (The easy part) _____

ADDRESS _____

PLEASE ALLOW 21 DAYS FOR DELIVERY

ALL PRICES INCLUDE RETURN POSTAGE & PACKING

BREAKER ON THE SIDE IX

What's Your 20?

A

Abbey Town
Abbotsville
Accapulco
Aerial City
Aerial in the Sky
Airport
Alaska
Albino
Alcatraz
Alcatraz
Aluminium City
Alley Town
American Place
Ancient City
Angel Town
Angry Field
Angry Driver
Antique City
Antique Shop
Antique Town
Apple Tart
Arch Town
Ashtray
Aspirin Town
Aqua Strip
Auction Town
Aviary

B

Baby Town
Bacon Town
Badger Town
Band Town
Banger Town
Bargain Town
Barge Town
Barn Door
Base Town
Basin Town
Battle Ground
Battle Town
Battle Town
Battle Town
On The Side
Beacon City
Beacon Town
Bear Town
Bedrock
Beer Town
Belle Air
Belly Town
Bent Town
Bethlehem

Glastonbury
Ampleforth
Rhos Neiger
Elswick
Crymch
Flamborough Head
Erskine
Cilcairn
Isle of Man
Shell Island
Dolgarrog
Alliethwaite
Brynteg
Guisborough
Meols
Crosthwaite
Hunts Cross
Hungerford
Edenfield
Westerham
Horley
Beverley
Ashburton
Didsbury
Coast Road
Measham
Birdbrook

Fazakerley
Totnes
Willaston
Brighthouse
Trowbridge
Sale
Whaley Bridge
Gate Acre
Burtonwood
Montrose
Waterloo
Clare
Nantwich

Stoke
Penrith
Withernsea
Congleton
Stonehaven
Burton-on-Trent
Mossley
Rhosybol
Crook
Scouthead

Beverley Hills

Big A
Big B
Big C
Big C
Big C
Big C
Big C
Big D
Big D
Big E
Big E
Big E
Big E
Big G
Big H
Big H
Big H
Big K
Big M
Big M
Big O
Big R
Big R
Big S
Big S
Big T
Big T
Big T
Big W
Big Y
Big Bird Cage
Big City
Big Apple
Big City
Big Chimleys
Big Dip
Big Lake City
Big Puddles
Big Smoke
Big Twig
Big Cross Roads
Bikini Beach
Bird Cage
Bird City
Birdcage Town
Birdie Town
Birdman Town
Birds Eye Village
Birds Nest
Biscuit Town
Biscuit Town
Biscuit Town
Black & Blue
Black Cross

Llantrisant

Aldershot
Bryncoch
Caernarfon
Camborne
Cheltenham
Credton
Doncaster
Isle of Wight
Gt. Eccleston
Enniskillen
Exeter
Goole
Harlow
Harrogate
Knutsford
Mynytho
Manning Tree
Ormskirk
Rhos
Rotherham
Southampton
Sunderland
Tamworth
Tarpорley
Thatcham
Wakefield
Ystalyfera
Mildenhall
Bristol
Bournemouth
Swansea
Great Sutton
Pentreath
Balbn
Loch Lomond
Belfast
Sandy Beds
Carnforth
West Kirby
Stanstead
Liverpool
Wethersfield
Forfar
Oxton
Fleetwood
Glasgow Airport
Batley
Reading
Uttoxeter
Dulas
Llunclass

What's Your 20 (contd.)

Black Hole	Blackwell	Cake Town	Eccles
Black Water	Blackbrook	Cake Town	Pontefract
Bleach Town	Chinley	Camera Town	Mobberley
Blink Town	Llanwnda	Campbell Town	Coniston
Blood City	Liverpool	Canal Town	Melling
Blood Town	Gorton	Canary Town	Norwich
Blue Berry Hill	Ceunant	Candy Box	Thornton
Blue Village	Glasinfryn	Candy Floss	Scarborough
Bluestone Valley	Whitworth	Cape Kennedy	Aberporth
Blunt End	Rhyl	Cape Town	Kentmere
Boars Nest	Cwmtwrch	Caravan Town	Porthcawl
Boating Pool	Conway	Carbon City	Great Sutton
Bog Town	Disley	Cardboard Box	Boxhill
Bomb City	Salwick	Cardboard City	Washington
Bombshell City	Clydebank	Carpet Town	Frome
Bomb Town	Sedgwick	Cash & Carry	Fetcham
Bonfire City	Allendale	Castle City	Edinburgh
Boom City	Runcorn	Castle Town	Dover
Boom Town	Bishopton	Castle Town	Lancaster
Boot Hill	Northallerton	Castle Town	Leasowe
Boot Hill	Rathmell	Castle Town	Newark
Boothill	Inverkeithing	Castle Town	Okehampton
Boot Town	Calver	Castle Town/City	Skipton
Bottle Town	St. Helens	Cathedral City	Bangor
Bowling Green	Allerton	Cathedral City	Durham City
Box Town	Gwersyllt	Cathedral City	Harlech
Box Town	Stockport	Cathedral City	Ely
Brake Town	Chapel-en-le-Frith	Cathedral City	Lincoln
Brands Hatch	Godalming	Cathedral City	Ripon
Bravery	Castletown	Cathedral City	St. Asaph
Breakdown City	Cheadle Hulme	Cathedral City	Truro
Breakfast Table	Seaforth	Cathedral Town	Tideswell
Brewery Town	Devizes	Cattle Market	Chelford
Brick Town	Accrington	Cattle Town	Neath
Brick Town	Furness Vale	Cave Town	Castleton
Brick Town	Llay	Cave Town	Ingleton
Brickwork Town	Bedford	Cellar	Saltney
Bridge Town	Hull	Cement City	Clitheroe
Bright Lights	Aberdare	Centreville	Middleton
Bright Lights	Edenbridge	Champagne City	Wells
Bright Lights	Sleaford	Charcoal Town	Burntwood
Bright Lights	Torquay	Charlie Town	Shepton Mallet
Brolly Town	Bradwell	Chatteris	Canterbury
Broad Town	Irvinestown	Cheese Town	Aughar
Brothel Town	Fordham	Cheese Town	Cheadle
Brown Bird	Kingfisher	Cheese Town	Cheddar
Brown Bottle City	Newcastle-upon-Tyne	Cheese Town	Fourcrosses
Bumpy Town	Kintbury	Cheesy Town	Caerphilly
Bunny Run	Warren	Checkout	Holyhead
Busy Lizzie	Sychnant Pass	Chemical City	Billingham
Butchers	Garstang	Chilly Town	Chilcompton
Butter Town	Llangefni	Chimney Town	Ferry Bridge
Butter Town	Llangefni	Chimney Town	Whittesey
Butterfly Town	Wicken	China Town	Belleek
C		China Town	Dalry
Cable Town	Helsby	China Town	Stoke-on-Trent
Cake Town	Dundee	China Town	Penrhos

What's Your 20 (contd.)

Chocolate City	York	Curry City	Bradford
Chocolate Town	Moreton	Cycle Town/City	Cambridge
Chopper Town	Yeovil	D	
Church Town	Heaton Chapel	Daffodil City	Astbury
Churchtown	Whitchurch	Dafodil Town	Brigesteeer
Cheviot City	Wooler	Dairy Town	Prenton
Cider City	Hereford	Dallas	Pontypridd
Cider City	Taunton	Danish Town	Clapham
Cinder Town	Ashton-under-Lyne	Dartboard	Ferndale
Circle City	Hamilton	David's Town	Higher Broughton
Circle City	Leeds	Dead City	Burslem
Circular City	Oxton	Dead Fish	Billinghurst
Clean Town	Port Sunlight	Dead Town	Gargrave
Clock Town	Codnor	Dead Wheels	Crynant Common
Clock Town	Heckmondwike	Dealer Town	Gaerwen
Clog Town	Bolton	Debtors Retreat	Formby
Clogg Town	Heckmondwike	Deep Water	Ewell
Cloggers Alley	Bolton	Deer Park	Brookeborough
Coal Town	Barnsley	Deer Park	Disley
Coal Town	Coalville	Detroit City	Linwood
Coal Town	Golborne	Derv City	Meiford
Coal Town	Lowton	Development City	Newtown
Coal Town	Radstock	Devils Town	Hellifield
Cockle Town	Beaumaris	Diesel Town	Peterborough
Codiver Town	Sanford	Digger Town	Rochester
Colditz	Butlins (Pwlheli)	Dipper Town	Thelwall
Colditz	Kirkby	Dip Village	Sanction
College Town	Dartmouth	Dockland	Middlesbrough
Colour Town	Duffield	Dockside	Tilbury
Coloured Hills	Brownhills	Dodge City	Bacup
Commercial Steel	Hague Bar	Dodge City	Boston
Concrete City	Clitheroe	Dodge City	Dis
Conference City	Harrogate	Dodge City	Llansamlet
Cooks Town	Great Ayton	Dodge City	Newport
Corn Town	Milton	Dodge City	Treales
Cotton Country	Golborne	Dodge City	Thirsk
County Town	Stafford	Donkey Town	Tranmere
Country Town	Penygroes	Double D	Dundee
Country Park	Thurstaston	Doughnut Arms	Aubrey
Cow Town	Bentham	Doughnut City	Basingstoke
Cow Town	Hexham	Down the Drain	Falmouth
Cowboy Town	Rochdale	Drag City	Kesh
Cow Yed City	Westhoughton	Drakes Town	Plymouth
Crab Town	Cromer	Drum Town	Timperley
Crater Town	Peak Dale	Duck Pond	Fairhaven
Crazy Kitchen	Llanfairfechan	Dusty Town	Ashe
Crazy Town	Cleckheaton	E	
Crazy Town	Langho	Eagles Town	Kirkby Malham
Crazy Town	Normanton	Eccles Cake	Beccles
Cromwell Town	Raglan	Eiffel Tower	Gresford
CrossRoads	Ystradgynlais	Electric City	Connah's Quay
Crows Nest	Larkhall	Embers	Burneside
Crow Town	Trebanos	Empty Shed	Caerbont
Cruiser County	Colwyn Bay	End of the World	Mumbles
Crushed Baby	Prescot	Eternal Flame	Evenwood
Cul-de-sac	Chorley	Everest City	Lindale
Cup & Saucer	Denby	Evil Town	Efail Newydd

What's Your 20 (contd.)

Expresso Town
Eyes in the Sky 1
Eyes in the Sky 2

F

Fair City
Fair Town
Festival City
Fire Bridge
Fire Town
Fireside
First Aid Post
Fish Town
Fish Town
Fish Town
Fisher Town
Fishing Pond
Fishing Village
Five Bar Gate
Five Fingers
Flag Town
Flat Fish Town
Flitch City
Flood Valley
Florida
Flower Pot City
Flying Town
Flying W
Ford Town
Forge City
Fortress
Fountain Top
Fountains Abbey
Four Kisses
Fourways
French Connection
Fresco Bay
Fried Egg 20
Fryingpan

G

Garage Town
Gateway City
Geriatric Town/City
Ghost Town
Ghost Town
Ghost Town
Ghost Town
Giro City
Gingerbread
Glass City
Glass Town
Glass Town
Gods Acre
Gods City
Gold City
Gold Stream
Golden Gate

Bolton-le-Sands
Maerdy Mt.
Rhigos

Perth
Whittington
Edinburgh
Hellwith Bridge
Burnage
Holme
Briefield
Grimsby
Hoylake
Troutbeck
Seahouses
Port Dinorwic
Partick
Kirkby Lonsdale
File Mile Town
Nelson
Flukeborough
Bunnow
Boothstown
Borrowash
Seacombe
Padgate
The Wallops
Winster
Stockton Heath
Cymllynfell
Springhead
Helperby
Four Crosses
Rawtenstall
Garston
Glasson Dock
Yoker
Aigbath

Towyn
Betws y Coed
Grange-over-Sands
Herne Bay
Kilham
Howood
Lupton
Sholver
Grasmere
St. Helens
Knottingley
Stourbridge
Oldham
York
Northlew
Giltbrook
Erskine Bridge

Golden Sands
Golf City
Gotham City
Grante City
Granite City
Granite City
Granite City
Grass Edge
Gravel Town
Graving Duck
Greasy Spoon
Greenacres
Green Belt
Green Belt
Green Sand
Greenside
Gretna Green
Greyhound City
Ground Level
Guards Town
Gwter Fawr

H

Haemorrhoids
Hairy Village
Halfway Town
Hammers Town
Happy Town
Happy Valley
Happy Valley
Happy Village
Hard Rocks
Harlots Town
Haunted Castle
Hawaii
Haystacks
Hazard County
Hazard County
Hazzard County
Hazzard County
Hazzard County
Hazzard County
Hazzard County
Hazzard Town
Hazzard County
Heathrow
Heavy Card
Heavy Load
Helter Skelter
Henry's Works
Hereward City
Herring City
Higher Factory
Highway 20
Highway 21

Hoylake
St. Andrews
Cleckheaton
Aberdeen
Penmaenmawr
Aberdeen
Shap
Endmor
Threikeld
Lakeside
Red Lodge
Tollerton
Heswall
Poulton-le-Fylde
Parkgate
Barrows Green
Peak Forest
Longton
Guilsfield
Coldstream
Brynamman

Wrea Green
Newbald
Bures
Freckleton
East Grinstead
Bollington
Rothwell
Winwick
Lisbellan
Ambleside
Craig Y Nos
Bookham
Stackhouse
Bridgend
Echinswell
Beragh
Newcastle
Paisley
Roslea
Chelford
Wall
Llanbedr
Whiston
Huyton
Frodsham
Halewood
Bourne
Nefyn
Uppermill
Rhonnda Fawr
Rhonnda Fach

What's Your 20 continues next month



QSL Cards International

Part 1 of 6
President QSL Club "De Zeemeermin"
Cock Jansen
P.O. Box 31215
3003 HE Rotterdam - Netherland



Unit 001

Part 2 of 6
Vice-presidente and secretary QSL Club "De Zeemeermin"
Wil Jansen
P.O. Box 31215
3003 HE Rotterdam - Netherland



Unit 001 A

Unit 259




Public Relation QSL Club "De Zeemeermin"
Zwaantje
P.O. Box 5784
3008 AT Rotterdam - Netherland




Part 3 of 6

Unit 053



Public Relation QSL Club
"De Zeemeermin"
Zilveren Carina
Tulpstraat 104
4711 HJ
St. Willebrod
Netherland



part 4 of 6

Unit 321



Werkwerker QSL Club "De Zeemeermin"
Dwarrel
Vondelweg 44 3031 ZJ Rotterdam - Netherland



Part 5 of 6

Unit 003



Werkwerker QSL Club "De Zeemeermin"
Neptunus
P.O. Box 4251b 3006 DA Rotterdam - Netherland



Part 6 of 6

This 6 part QSL club card is the one mentioned in last months DXing article. We think this is a rather novel idea, but if any of you know of some other novel QSL cards or sets of cards, please send them in. We will return the cards if you ask us to.

☆ **RAZOR** ☆ **OSMA BAKER** ☆
 TWIN BLADE
 Romeo 530 73s & 51s
 Liz & Don
 20 Dorel Close
 Luton LU2 3JH
 Beds ENGLAND
 Mike Bravo 570

CB-RADIO-STATION
 BERLIN
 QSL FROM
 Little Trucker
 27.015 MHz

73s

PRESTON UNITED

51s

BREAKERS

PO BOX 48
PRESTON
LANCS
ENGLAND

1987 224-1919281

Members:
27.82028
27.82028
27.82028

51's

73's

88's

President of the Shrimpfisher QSL-DX club of Belgium

1982

Member of over
120 QSL-DX clubs
World Wide

Philippe Mahieu
Grootst. N°12
8460 NIEUWPOORT • BELGIUM (EUR)

1 USL 100% WILL SWAP 1-0-1

QSL Code:

NATIONAL SIDEBAND "Q" SIGNALS

- QRA** – What is the name of your station?
QRB – How far are you from my station?
QRD – Where are you bound and where are you from?
QRG – Will you tell me my exact frequency?
QRH – Does my frequency vary?
QR1 – How is the tone of my transmission? 1. Good 2. Variable 3. Bad
QRK – What is the intelligibility of my signal? 1. Bad 2. Poor 3. Fair 4. Good 5. Excellent
QRL – Are you busy? or I am busy?
QRM – Interference from other stations
QRN – Interference from static.
QRO – Shall I increase power?
QRP – Shall I decrease power?
QRT – Shall I stop sending? or Stop sending.
- QRU** – Anything further for me?
QRV – Are you ready? or I am ready.
QRW – Shall I inform— that you are calling h'im on—?
QRX – Will you call me again? or I will call you again at— hrs.
QSY – I'm listening to— on — Khz.
QRZ – Who is calling me? OR You are being called by— on — Khz.
QSB – Are my signals fading? OR My signals are fading.
QSL – Written verification of QSO.
QSO – A two-way conversation.
QSP – Will you relay to—? I will relay to —.
QSY – Shall I change frequency?
QTH – What is your location? OR My location is—.
QTR – What is the correct time?

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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this new carrying
case. Ideal for
Camping,
Mountaineering,
Walking, (even
Space Travel!!)
Send £6.95 plus
75p post and
package now,
and we will send
you this case and
aerial bracket.**

Callers welcome.



**PORTABLE
CARRYING CASE
FOR THE UNIACE
100!**

**TRADE - TRADE
24 Hour
Delivery Service**



JANUARY

S	M	Tu	W	Th	F	S
31					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

MAY

S	M	Tu	W	Th	F	S
30	31					1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

SEPTEMBER

S	M	Tu	W	Th	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

FEBRUARY

S	M	Tu	W	Th	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

JUNE

S	M	Tu	W	Th	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

OCTOBER

S	M	Tu	W	Th	F	S
31						1
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

MARCH

S	M	Tu	W	Th	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

JULY

S	M	Tu	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

NOVEMBER

S	M	Tu	W	Th	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

APRIL

S	M	Tu	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

AUGUST

S	M	Tu	W	Th	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

DECEMBER

S	M	Tu	W	Th	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	