



KEY NOTE



Sec: E. (Geo) Longden. G3ZQS. 119 Cemetery Rd., DARWEN, Lancs. BB3 2LZ. England. 0254 703948

Listings: Ed N7CFA 2628 Lilac St Longview WA 98632 Corrections & Callsign changes appreciated. SASE for updated list

Supply Manager: Irene WO8E 25206 Hayes Roseville MI 48066. FISTS logo lapel pins \$3.50 Logo stickers 200 for \$5.00 postpaid

North American QSL Manager: John N8FU 4441 Andreas Ave Cincinnati OH 45211. PSE keep couple SASE's on file to get your cards.

Family Plan: All CW folk at the same address can join for one subscription fee with full privileges, but only one Keynote will be mailed per household. **Subscriptions** are \$15 US to Nancy POB 47 Hadley MI 48440-0048

NETS: Sunday : 2000Z on 14058. KE3NV
 Sunday: 7.058 KE3NV 2400Z(7pmEST)
 Slow Traffic NetTues/Thurs 9pm EST 3.682
 Slow Speed QSO Group WB8I 3.720 8pmWED
 Also call CQ FISTS:1/4/21/28.058 on the hour
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When You've Worked A FISTS, You've Worked a Friend

North American Memo



by WZ8C - Nancy Kott

P.O. Box 47

Hadley, Michigan 48440-0047

Packet: WZ8C @ KF8JS.#NEMI.MI.USA.NA

Phone : 1-810-797-5388

Email: via CompuServe 73631,3654

Welcome to 1996 FISTS! 1995 was a year of phenomenal growth for the North American FISTS group, it's wonderful to see how much support there is for Morse. And it shows no sign of letting up - I'm getting an average of one new application a day. The number of FISTS members who are actively getting involved in "spreading the Gospel According to Sam" (as Geo sez!) is growing also. Thanks to everyone for their support and I hope the KeyNote continues to be a newsletter you enjoy reading and contributing to! We cannot do it without you!

I need to start out by apologizing for all the typo's in the December KeyNote! As Brian tells me, I'm probably still not getting the proper amount of oxygen to my brain <G> I don't know how else to explain it! My New Years resolution to FISTS is to use my "spell-checker", no matter HOW much of a hurry I am in to get the newsletter to the printer.

Sorry to Dave Ingram for all the typos in his ad, they were my fault, not his, and not a reflection on his writing or books! Here's a list of Corrections and changes: Brian is still compiling the list of FISTS on Email. His address was incorrect in the Dec KeyNote. It should read "blafont@tir.com", I left the 'a' out.

Greg #2044 is N3FSC, not N3FS. Marty #2019 is KE4WCW, not E3WCW. John N9URB reactivated his original number 1483. Dave W8LRY is now AE4OM The FISTS Dayton party is Friday night, not Saturday Scott KE3NV is trying a new QSO Party on 7.058 at 2400Z on Sunday (7pm), not Saturday. Whew! On with the KeyNote.....

Continuing discussion on A Breath of Bad Air

Response fm the author of the article in Oct Keynote

I was dismayed by Patti AF9H's letter regarding my article on poor sending in the October Keynote. At first I was concerned that I had poorly conveyed my point of view, but Geo's comment and the suggestion from Trevor G4IXI that the article "should be published more widely in the journals" went a long way toward restoring my self-confidence!

I'm sorry Patti was upset, but I believe that she read something into my comments that was absolutely not intended.

The article was focused (I thought) very specifically on individuals who are sending poorly formed or spaced characters but are unaware that there is a problem. There was no intention to criticize those who are physically impaired, and no intention to imply that we should all be capable of sending perfect code. But there is an increasing amount of very sloppy Morse on the bands, some of which simply cannot be copied even by a skilled operator. It's largely due to three factors:

There is a tendency (however caused) to try to send faster than one is really able. The answer to this is simply to slow down.

There is also a problem with "bugs" or semi-automatic keying devices. Tune across any HF band on any evening and you will hear "bad" Morse from improperly adjusted or improperly used bugs.

A third problem is directly related to the fact that a sending test is no longer required in this country. People pass a 13 or 20 wpm receiving test and believe they are competent CW operators. It's not entirely their fault — until they get on air nobody has ever heard them send!

All of these problems can be resolved— but only if

the operator knows that there IS a problem! Hence the article and the proposition that we should not hesitate to politely suggest that some sort of adjustment is in order.

Patti suggests that patience will solve the problem. Patience is certainly required, and I would hope it is a standard trait of any CW operator; certainly of any FISTS member. But patience won't SOLVE the problem—it just helps you to hang in there until there is some sort of resolution. As my own Elmer would have said, "You can't learn anything until you know what you don't know!"

73 Marshall AA0XIVK5FN

CW on 10 Meters or the lack thereof.....

by Jim Stoeber WI9X #1544

Greetings FISTS from sunny Southern Illinois. This is my first FISTS article, so pls bear wid me.

We have a problem folks, and I need all of you to aid me in its solution. The problem here seems to be that our friends on eleven meters seem to believe that the bottom 325 khz or so of ten are just additional CB channels they can retreat to when they feel the need. Obviously this is not a new problem, as both the Mexican and American CBer's have been doing this for at least 10 years that I know of. However, I believe that it's time we start doing something about it, and this is where all you good folks come in.

I have been trying, with moderate success, to run these folks off by qrmng wid my CW keyboard. But I can't be in every part of the CW band at the same time, nor can I hear all CBer's that are infringing on our territory. This is where you come in.

The only time I find any good activity on the band is during contest weekends, and only then if the band is in decent enough shape. It's my goal to change that. My main approach to this is by trying to get the local folks on 10 CW, thereby keeping at least a little activity going while the band is asleep. It is my hope that many of you will follow my example in this. Then, at least, you won't have to worry about 40 M QRM or 80 M QRM. Besides, ten meter rigs are cheap and antenna size isn't overly cumbersome.

I was recently having a SSB QSO on ten wid a local boy when the band was seemingly dead. All at once, a KC4 jumped in es told us that we were running 10-20 dB over S9 in southern Fla. So wid that, who knows—we may just run into each other!

So my point? Get on 10 CW and use it! It's the ideal place to tutor folks working on CW upgrades, and Lord knows that the band could use the workout! Anybody wanting to contact me concerning this article can drop me a note via my callbook adrs or at (618) 257-1754. Any feedback wud be appreciated.
73 Jim WI9X #1544

FISTS can't recommend intentional QRMing, but making use of the bands with legit QSO's is a terrific idea. Many "write off" 10 meters as dead, when as Jim points out, anything is possible, specially propagation surprises!

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Welcome to the New FISTS

- 1992: Claire AC6GO from San Diego CA (KG0KR)
- 1993: Don WA2VSL from Conestoga PA (Amateur Radio Telegraph Society)
- 2055: Kit N2LMC in Princeton NJ (WZ8C)
- 2056: Ron VA3RON/G0UNW, North York Ont (AA8HV)
- 2057: Bill W5TJW in Ajo AZ (KA7LUH)
- 2058: Jim AC5FY in Shreveport LA (WB2FXK)
- 2059: Rik KB1BIC Ludlow MA (WD8OCV)
- 2060: Don KJ5MG in Oklahoma City OK (WB2FXK)
- 2061: John WB1HB in Chelmsford MA
- 2062: Francis KB8LOI in Garden City MI (?)
- 2063: WC KK5VI in Norman OK (WB2EZG)
- 2064: Del W7UDZ Yuma AZ/Shelton WA (WA0FGV)
- 2065: Curt KD8PW in Waterford MI (NY2V)
- 2066: Bill WA9AUW in St Charles IL (?)
- 2067: Rich NJ8R in Grand Blanc MI (K8MEG)
- 2068: Gunnar AE4W in Las Cruces NM (AA8TU)
- 2069: Al KC8BSC in Rootstown OH (WA2OVT)
- 2070: Doc N4GYX in Miami FL (WB2FXK)
- 2071: Pete WB2D in Ravenswood WV (WZ8C)
- 2072: Austin K1ETN in Chicopee MA (?)
- 2073: Keith KD4RXO in Nashville TN (KB0JTS)
- 2074: DL W7PDM in Ajo AZ (KA7LUH)
- 2075: Bruce N7CPP in Carson City NJ (N3LBC)
- 2076: Bruce K2ULZ in Newburgh NY (KB2VQX)

304th Signal Opns Reunion

304th SIGNAL OPNS, BN Pacific Theater, WW2

1996 Reunion, 20-22 September

Bill KA5TUF is trying to contact the radio operators and others from the 304th for their September 1996 reunion. For more information write to Bill at

3517 NW 64 ST,
Oklahoma City OK 73116

On a lighter note, this turned up in my mailbox, and altho we don't usually print anonymous contributions, I thought this was cute. I hope people realize it was meant 'tongue in cheek' and don't send me any mean letters about it!

From the FISTS Head Office in Hadley, Michigan

The Top Ten Reasons for Working Phone

10. You can work your neighbors at the same time, via their TV sets and telephones.
9. I can never think of anything to say on CW.
8. The Q codes sound really cool when you say them out loud.
7. My kids think I sound like Donald Duck on SSB.
6. Umm... I can't find my key.
5. On phone I can usually tell if the operator is of the opposite sex.
4. I can use either Upper Side, or Lower Side, or BOTH!
3. On phone if somebody has trouble copying me I can just turn up the mike gain and shout.
2. A phone signal occupies like a gillion times as much bandwidth as a CW one, so more people will hear me.

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1. I love the sound of my own voice, so let everybody hear it!

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SUPPLIES

Irene WO8E just got a supply of 10,000 gold FISTS logo stickers, so if you've been waiting to order your stickers, now is the time! They are five dollars for 200 stickers (including postage). The logo pins are gold metal with blue enamel, about the size of a quarter and look like the stopsign logo on the masthead of the letter. These are \$3.50, including postage. Her address is 25206 Hayes Roseville MI 48066.

Joe AA8HV has beautiful, heavy ceramic, cobalt blue mugs with the FISTS logo in gold metallic on both sides of the mug (so both you and someone sitting across from you can see the logo!) for \$6.50 including postage. His address is 9614 Arden Ave Livonia MI 48150.

FISTS PhotoBook

We still need photos for the photobook. The second page is just about ready, hopefully it will be included with this mailing. The photo doesn't have to be anything special or professional. Black and white OR color photos will work fine. It just needs to be clear and have your face showing about one inch in size. The photo itself will be trimmed to fit, so it can't be returned. Send your snapshot to Ken WK8F, 25206 Hayes, Roseville MI 48066.

Interesting Talk by Professional CW Operator

from Boat Anchor news/submitted by Rich K8MEG

Our radio club tonight had as guest speaker Rod Deakin, ham and professional CW operator for the Globe Wireless station KFS in Half Moon Bay.

First, CW is emphatically not dead. The Coast Guard has phased it out, and U.S. ships don't use it, but there are about 150,000 ships around the world and most of them still use CW. U.S. ships are about 11% of them, so maybe 89% of the ships in the world use CW. KFS has the receiver site in Half Moon Bay, the transmitter site in Palo Alto, and also operates by remote control a transmitter and receiver site in Slidell, LA.

A competing company has sites in Bolinas and Point Reyes CA, and there is a third company up in Washington. There are perhaps 50 shore-based CW operators with these stations on the West Coast and somewhat more on the East Coast. Marine CW may not go on forever, but the end is not in sight.

Equipment: They have transmitters by Press Wireless that date back to WW-II. They have more modern transmitters using Henry amplifiers; and they are about to replace those amplifiers with other Henry amplifiers designed especially for their kind of service. Transmitters these days run 5KW. They used to use 10 KW but modern receivers are better than the old ones and allow lower transmit power. For receivers they use Kenwood R-5000s in scanning mode and some old Watkins-Johnson models for copying traffic. They are getting some new receivers made by TCI and some by none other than Ten-Tec. The new receivers are entirely ASCII controlled, have no front panel controls at all. They use ASCII control with the present receivers from Half Moon Bay to the Slidell site, which is operated entirely by remote control. T-1 lines connect Half Moon Bay with Palo Alto and Slidell. I didn't catch what kinds of exciters are used with the Henry amplifiers; might have been Harris. He uses a bug or a paddle driven keyer; no keyboard-generated CW. The received copy is typed on a computer keyboard. The monitor has a split screen, part for the message and part for the billing information. When they receive a message from a ship they transmit it to its ultimate destination by email, Telex, voice, fax or in some cases telegraph cable. For antennas they have log-periodics & something like discones. There's no point-to-point HF anymore so the big rhombics are gone.

In addition to CW they use SITOR and Clover. Clover uses the same modem board HAL sells to hams, but with very different firmware, intentionally incompatible with the ham version of Clover. They like Clover because of its speed and its ability to transmit binary files. These days there is a need to transmit software binary files to ships at sea. Big modern ships use INMARSAT; but there are many ships that still have HF radio as their only link to the rest of the world.

A description of the operation is rather complicated. There are bands of frequencies: 500KHz and then a band in the 4MHz region, one in 6MHz, one in 8MHz, and more. For each of these bands there is a primary and an alternate frequency; and there are these pairs of frequencies for five different regions of the world and a pair for worldwide. A ship calls on one of these frequencies. The shore station transmits on one of its frequencies in the same band, and tunes the receiver to a frequency in the same band told to them by the ship. The shore station transmitters are fixed frequency; the ship transmitters move off the calling frequency to handle traffic. The scanning receivers scan the calling frequencies, usually 500 KHz, the pair of frequencies for the local area of the world, and the worldwide pair of frequencies. Because of the remote site the operator is scanning that set of frequencies locally and also scanning the appropriate set of frequencies for Slidell. Operators can set things up any way they like; his preference is for Slidell in one ear and Half Moon Bay in the other. On CW ships use call signs rather than their names. The operators typically don't know much English; but many of the messages are of a fill-in-the-blanks nature, and then with Q signals and other universally understood signals they get by.

On a 4-hour watch he will handle typically 50 messages from ships. Some of these are position reports. Ships are required to report their positions and intentions every 48 hours. This information is passed to the Coast Guard free of charge. Ships also report weather every 24 hours and this is passed to NOAA free of charge. Other messages are mostly of a business nature and are charged for. Rates depend on the distance to the destination but might be 50 cents a word. All the rates are actually in gold francs, as an international currency. These business messages are typically to the ship's owners and report position, fuel on board, things needing repair at the next port, supplies needed, expected arrival times, and that sort of thing.

Another kind of activity is for medical problems on board; they communicate with a doctor on shore and get instructions for treating the sick or injured. Very few ships carry doctors, and only those with larger crews carry a nurse. Crew members have at least first aid and CPR training. Then there are all the weird kinds of things that can happen on ships; he gave an example of a crew member who killed another. They locked up the killer, put the corpse into a refrigerated container, and asked the ship's owners whether to bury the body at sea, head for the nearest port, or com-

plete the voyage and deal with the problem then.

Bringing a ship into port is about as involved as landing an airplane, except everything is much slower. In SF Bay the ship has to take on a pilot who is an expert at getting to the dock without running aground. If the ship arrives too early or too late it will miss its time slot for a berth and have to wait, just like an airliner having to wait for a gate. He told of one tanker ship that needed deeper water than SF Bay has even at high tide; so it had to anchor and off-load the cargo into barges. Lots of messages flew around as they dealt with that problem.

CW operation is typically at 18-25 WPM. The shore operators are typically very skilled; they love operating CW and got good at it because they wanted to. Many of the ship operators are awful. They operate CW only because they get paid for doing it and don't care about being good at it. He played a tape, just for laughs, of a particularly lousy ship operator.

Then Rod got to his hobby, which is the restored Liberty ship Jeremiah O'Brien based in San Francisco at Pier 32. Right now you can't go on the ship - even the volunteer workers can't go on the ship - because of the government shutdown. But in normal times it is open 7 days a week. The radio room is furnished with authentic gear of the period. For the \$5 admission you can spend all day on the ship if you wish, and there are docents to answer questions. Every couple of months they have a live steam day when they don't go anywhere but do get up steam and you can see all the machinery operate. They will probably go on a voyage this summer, perhaps to Seattle.

I don't like to reprint from other publications, but thought this was interesting, and not many FISTS have access to this one, so hope you enjoyed it! WZ8C

A NICE DAY

by GUNNAR C. CARLSON AE4W

My wife Beverly WB5HEN and I bought a condo up high in the mountains of Ruidoso NM. We put up our tower and found we were in DX heaven! Beverly also got a new escape artist cat for Christmas. We named him Waldo Catanatch Stinker Snake rat Carlson. You'd better get outside quick and close the door tight or he will escape every time!

Beverly had left the day before to be with her mother who was hospitalized with congestive heart failure, and I was up at the crack of dawn on a cold 19 degree winter morning to fill the kerosene heaters and to check the ice on the antenna before calling CQ. I took the two heaters to the balcony to fill them, and of course I got out fast and closed the door tight. Damned cat didn't have a chance.

I was in a real hurry to get done as I was clad only in my bathrobe, slippers and headphones and it was mighty cold out on the open air balcony at elevation 7058 feet. It didn't take me long to finish pumping kerosene and discover that I was locked out!

I could see through the \$225.00 double pane window (which I hoped I didn't have to break) and could see Waldo Catanatch Stinker Snake rat Carlson playing

with my wedding ring which he subsequently hid so well I couldn't find it for four days.

A strong wind had whipped up and it was hard to think logically in the mind numbing cold, but I knew I had to do something fast because of the possibility of freezing to death and because I had left a pan on the stove (on high). Yelling for help from the neighbors in the next door condo was useless because their condo had been gutted by fire the night before and they had sought lodging elsewhere. The next nearest neighbor was half a mile away. I considered trying to get to them to call a ham friend who had a key to my condo. I wasn't sure anyone would open their door to a stranger in a bathrobe slippers and a headset.

Then, a light bulb clicked in my head! I knew how to get back in! OK then, the plan was to climb over the balcony guard rail, lower myself as far as possible, hand over hand, and drop to the ground. So there I was, hanging on the lowest rail, headphones on, wind blowing my robe, exposing my now light blue naked body, when my slippers fell off. The cars passing by sped up - none stopped to help. Except for the one that stopped to take several photographs and the one which ran off the road about three blocks down the mountain. The police report read "Driver was distracted when she saw a large semi naked man wearing headphones hanging bare footed from a balcony." My bare feet were still five feet above the bushes and new fallen snow when I released my grip and fell to the ground below. Bleeding now from several wounds, I went to the locked front door. I started to write a message in the snow for my beloved Beverly, but it would only melt before her return. Time for Plan Number Two. I was getting real sleepy due to the cold and because I hadn't slept for the last thirty hours because of the all night fire next door. I made my way, leaving a trail of blood in the snow for the newly reintroduced Mexican Wolves to follow, to the crawl space under the condo where I had a ladder.

Climbing back up on the balcony, I broke out the window in the door and let myself in. Not recognizing me, the dog made several threatening gestures toward my bloody legs and the cat escaped onto the balcony. Only a desperate grab of his tail kept him from leaping to momentary freedom and then certain death in the already bloody snow below.

After I stopped shivering, and wondering how to treat frost bite, I was able to call to Florida to see how my mother had done during her surgery that morning for a blocked esophagus. Later, I even went to the market for bandages and iodine. The clerk smiled and said, "Have a nice day."

What a story! Thanks for sharing Gunnar, and hope you're recovered and back to DXing!

Bits 'o News

Jim **N8NLE** won the QLF contest at his local club function "feet down". The entrants used a key shaped like a left foot to send Morse code. Jim supplied the key and the oscillator, so he was accused of winning be-

cause he was able to practice! Sounds like a lot of fun Jim - maybe you can bring it to the Dayton FISTS Party on Friday night and we'll have a FISTS QLF playoffs! (QLF is a joke-Qsign for sounding like you are sending with your left foot instead of your hand.) Michael **KB8SBX** has moved to a new QTH and is in the process of starting all over, putting together a new shack and antenna. Good news is, he has 3 acres of wooded lot in which to grow an antenna farm. Bad news is it took him two hours to find the box in which he packed his radio! Look for him on 80 meters!:

Lea **AB5TY** will soon (if not already) be on the air with her new 60 foot tower and 6-el tribander for 15-17-20 and a 2-el for 40 meters. I'm glad to hear you enjoy reading the KeyNote, Lea.

Many thanks to Charlie **KA8OQF** and Greg **KG8UM** for sending me their back copies of the KeyNote so I can start an archives. Don **KC4UUG** says he also has quite a pile of them, so I will be all set if I need a back issue - Thanks guys!

Thanks also to all who responded to the query about shack grounding. It was in the Sept 1994 issue.

I also hear from Charlie **KA8OQF** that the SE station at the Hamvention is going to be all vintage Collins, (how about THAT, Retro Radio Renegade, hi!)

Sunday QSO Party

Scott **KE3NV** has taken on the awesome task of hosting the Sunday QSO Party. Propagation is making it rough, and the people he can hear are others than the "regulars" who used to check in with Don **KC4UUG**. Believe me, he is not intentionally ignoring anyone and appreciates your patience! And thanks to those of you who relay the check-ins they can hear and Scott can't. On Dec 10, the check-ins were: WP2T (thanks for your help Maggie), KE4HZM, N1PVP, W4JTU, KS4UV, K4SV, KJ5TF/QRP, VY2RB, N3PM, AA2WG, NA8G, WZ8C (yes! I finally made it)WA0FGV, AA5MP.

Scott would like to welcome Bert **W4JTU** to the Party. He has been very helpful with relays. Also welcome to Lanny **KB5VTB** in Bellaire TX, He puts a whopping signal into Baltimore MD!

Dec 17, there were the same poor conditions. Check-ins: WP2T, N8FU, K7WF, W4JTU, KC4JGT, W4IUI, KE4HZM, WA0FGV (who sent holiday greetings to all), AB4WQ, KB5VTB, VE5RD.

Scott adds: We all know it is impossible to hear every station that is out there. If you are checked in via a relay and that station goes QRT, chances are slim that I will be able to hear you. I will look for another station that can copy you. If that does not work, hang in there. I will try you again later. Hopefully band conditions will improve in 1996. If you can't make the Sunday QSO Party at 2000 UTC on 14.068 MHz, give a listen later that day at 2400 UTC on 7.058 MHz. Scott will be trying another Party. Please help with relaying, don't be shy! And please remember to SLOW DOWN - this isn't the time to show off, it's the time to make all FISTS feel welcomed, not intimidated!

NEWS FROM ACROSS THE POND

[SORRY!! The first paragraph of Geo's "GREETINGS" got lost between Email and printing out here. He was talking about not feeling too well, and taking some pills prescribed the Dr....]

..... and within a couple of days I knew they were doing their job but either they or the pain killer robbed me of sleep with strange visions floating through my mind. If I turned over, they frequently flipped through 180 degrees and appeared in reverse form. Doc said that was interesting. It sounded like LSD and had I been at the mushrooms? I know I am on my way back but heck - I surely hope I never have to walk this particular road again. Hi. On the positive side, at the time of writing, I haven't been able to touch a cigarette for over a week - they taste like something unspeakable dreamed up by that Borgia woman - and the same goes for my regular evening pints of ale though I am not promising to continue my abstinence.

KATZ?

DH8?? DE GXOIPX = HW? KN. It was 599 both ways and just as I was settling down Tammy (pre-empting his walkies by a few hours) had propped his chin up on my leg when all hell broke loose outside on the veranda. Braveheart shot to the veranda doors and proceeded to berate the squabbling tabbies with ferocious growls and much barking but to no avail so I put the German station on the speaker and opened the door just in time to have a spitting bundle of brindle fur tumble through followed by an equally tempestuous black and white mouser. Braveheart sought refuge behind the armchair as I slammed the middle door to stop the combatants invading the whole house and attempted to evict at least one. Black and white was nearest to hand (or rather foot) and my slippers tootsies lifted it out through the door in a move that would have been admired by Bobby Charlton. I heard rather than saw it land on the trellis work and as I approached the brindled one, discretion replaced valour and it left pdq.

I returned to the rig in time for the KN from DH8?? and to my credit, I had got the QTH in the midst of all this activity but I had said 599 so how could I justify asking again for a name - SRI OM KATZBLITZEN - ? and still trembling somewhat, found it hard to believe when I heard myself asking "AGN NAME OF YOUR KAT?"

This brief episode affected a change in Tammy's behaviour and now, when I utter the magic word KATSSSSS, instead of the old display of Bro Ha Ha, he retires to the front room to seek solace from Ivy whilst somewhere in Koeln, a German station is convinced that all Englishmen are a tile short of a full roof.

TOPS CW CLUB

From the last Keynote, I have received only one letter in response to the question posed. The member en-

closed a photocopy of his TOPS certificate and opined that things would be better left as they are with FISTS being seen as a natural follow on to the TOPS club.

CONTESTS

I am getting so many enquiries regarding additional awards and sprint type contests that it is unreal. Again I must ask for help in this respect. Any individual member (perhaps retired) with a sniff of experience or (perhaps more desirable) a locally connected group. There would be no problem with certificates etc and of course no shortage of publicity.

I would like to run a series of sprint type cumulative contests of perhaps 4 hours in duration and also there is ample scope for additional awards over and above the now easily obtainable Century.

Please give this some thought. My hands are more than full at the moment and any help would be more than welcome.

CHAT

Had an interesting 80m chat with one of our newer members who demands anonymity but says that as wireless op in a Lancaster Bomber (how many remember those graceful giants I wonder) he was credited with saving a whole flight of 'em in mid channel when their escort was overwhelmed by a squadron of ME fighters. To blazes with convention he said and sent the entire information on the key in plain language which resulted in the intervention of a pack of nearby prowling spitfires.

I watched in disbelief as the television reported temperatures of minus 19c up in GM land. Down in the more benign regions of West Lanashire - despite an elevation of some 750 feet plus - we dropped briefly to minus 9c and whilst the Western Isles and much of Scotland were suffering heavy blizzards and deep drifts, we got about three quarters of an inch. Many QSOs were made with GM during this period and they seemed to be responding to these conditions with a stoicism one would expect from a gravid mule. I would have been screaming blue murder and cursing the met office but the average response was "Oh well, it'll pass". Tell you what though, you didn't see too many of 'em wearing kilts on the TV shots. Hi.

A belated quote from Bill, G4VIJ: "Now approaching 76, daily CW keeps the grey matter in tune with the key"

If any member can identify the thoughtless individual who appears to occupy 14.0574 permanently with data xmsn could they please ask him to QSY to the data segment. He can't be getting much joy where he is. Hi.

OPERATING PROCEDURES

2MOALU (James) asks about the "E N" which is so common these days. It is actually an exaggerated "R" popularly used with pump handles sent with no spacing but an exaggerated Daaaaaah. The habit clung but

with the advent of el-keyers and such with no means of lengthening a dash, has reverted to the form you now hear. A bad habit - yes - but like all habits, hard to break. Hi.

GB2BP

This call is set to virtually replace the old GB2SM since the Science Museum's call is virtually silent. This permanent special event station was opened officially by the president of the RSGB in the two grand rooms allocated by the Bletchley Park Trust which were designed by G3LCS (RNARS); the occasion being recorded by the BBC, Central TV and local radio service. There are 5 FISTS members within the Milton Keynes & Dist. ARS which is deeply involved so a great prospect for cw contacts is there already. The call GB2BP is assigned the FISTS number of 1890 so you get an extra bonus when finding it.

During WW2, Bletchley Park was the location of much highly secret work. It was here that the enigma code was finally cracked and countless gadgets used by the allied forces were developed - items such as buttons with tiny compasses incorporated. For visitors to the country, this is a must and now, with the shack installed, it is a nice spot for even holidaying Brits to visit

LISTINGS

The purchase of the new A3 printer means that I have been able to release the original HPIIP to Bob, G0FRL. Hitherto, his printer did not carry the same integral font (Line Printer) which is used for listings and it was necessary for him to photocopy a master copy which he picked up from me each month. He is now able to offer up-to-date listings. At this end, the new printer besides offering twice the definition of the HPIIP churns out copies at four times the rate of the old one i.e. 16 ppm.

The same format for listings is offered - CALL v NAME (indexed on suffix), CALL v NUMBER (indexed on number) and CALL v NAME v NUMBER also indexed on suffix. This latter is set to reach four full A4 pages very shortly and if you are ordering this one then an additional 2nd class stamp (over and above the one which is requested for the first two categories) would be appreciated since separate pages are used (trying to auto feed a reverse copy is a little iffy) and, of course, it doubles the demands on the printer. All categories are complete listings including up-to-date US allocations.

OBSERVATIONS

Even the most hardened and critical of veterans must confess that these days, the standard of code from beginners and novices has improved enormously. Indeed, procedure has likewise taken on a refreshing face lift. Have our grouses about extended CQ calls been heard - certainly they seem to be getting fewer and much of this I like to think is to be credited to Issue 1/1996

those stalwarts who operate well below their ability and QRS to encourage. An in depth knowledge of Q-Codes and abbreviations is only acquired after confidence comes and these have come to be used on a regular basis so scorn not those who may perhaps appear pedantic by requesting "Please send slower". If we try to insist on the use of Q-Codes etc it will serve us ill since we will introduce mysticism where is need not be and discourage rather than encourage. A point to be made though is the assumption that you are the only station answering a CQ. I never grumble about this on-air but please stick to procedure and establish communication first with CALL de CALL(2). There have been a number of occasions when a weak, possibly DX response has been overwhelmed by someone who perhaps knows me well launching into a full blown over and scaring the weaker station off without giving me the chance to say QRX pse - YL1?? 339 BK. Another, pedanticism aside, is erasures following a simple and obvious error. Most ops will be forgiving of ANT DEPOLE accepting dipole as default.

Happily, most of my German friends tolerate my fractured Deutsch and rarely offer corrections but I have heard "G" stations who should have been on the bands long enough to know better, trying to explain the niceties of grammar to someone who has gone out of his way to attempt a QSO in what must be to them a very complex English language. I aint pointing fingers but they sure are not FISTS. Hi.

FINALE

Another month gone by together with another year. Have we seen the end of the arctic condx in this sceptred Isle? More to the point, are we witnessing an end the topsy turvy bands which rendered 20m dead by early evening and caused 80m to behave more like a DX band than that which we have come to anticipate? I wish you a happy, healthy and fruitful 1996 people and if those on the t'other side of the pond would switch on whilst getting outside their breakfasts a lot more Centuries would be abroad Hi.

73/88 folks and stay sober de Geo.

A CW FANTASY

The hottest book on keys, bug, and paddles - old, new, rare and exotic ever printed. Windup, motorized vertical and angled keys never seen before. All Vibroplexes from day one. Includes pricing guides. Loaded with photos and info. Laser print quality.

Order direct from Dave Ingram K4TWJ, 4941 Scenic View Dr, Birmingham AL 35210, \$15 plus 2.50 Shipping and Handling. Or QUOTE your FISTS NUMBER for free shipping and handling.

That's it for this month FISTS! Check your info on the membership list, if it's wrong let Ed N7CFA know so we can fix it. Start thinking about Dayton! And pse check your mailing label for your subscription renewal date! 73/88/33 de Nancy WZ8C

FISTS CW CLUB

Membership Roster 1/12/96

Report errors/changes to:

Via Packet
N7CFA @

WA7S.JN.#WWA.USA.NOAM

Email n7cfa@aol.com

E. C. Hayes, N7CFA
2628 Lilac Street
Longview, WA 98632
(Phone 360-425-1866)

NORTH AMERICA

USVI, PR, S.AMERICA,
C. AMERICA, MEXICO

#1 Call Areas

K1 ARO	RICHARD	1580
KB1 AUM	SHEILA	1599
KB1 AVN	JON	1764
KB1 AXF	BILL	1522
KE1 BB	FRED	1536
KB1 BBI	LOUISE	1985
W1 BFT	CARL	1431
KB1 BIC	RICHARD	2059
W1 CFZ	RUSS	0294
AA1 CN	JOHN	1936
W1 CW	BOB	1753
KC1 DI	DAVE	1210
N1 DNM	GEORGE	1445
N1 DWA	CLIFFORD	1498
K1 ETN	AUSTIN	2072
KB1 FK	ALBERT	0916
N1 FPG	STEPHEN	1217
WK1 H	ARNIE	1027
WB1 HBE	JOHN	2061
AA1 HJ	DAVE	1569
AA1 HO	ARTHUR	1283
AA1 HV	ZOEL	1291
N1 HYF	SHIRLEY	1294
N1 IBL	CAL	1234
KAL IIQ	STAN	1974
N1 ITW	RICHARD	1492
KAL IUI	MAX	1781
AA1 JA	YUZURU	1543
N1 JDP	ROD	2052
W1 JOL	JOHN	1953
AA1 KC	LON	2022
AA1 KF	JOE	1734
N1 KHM	KENNY	1288
N1 KLP	STEVE	1450
AA1 KU	HANS	2027
NT1 M	ARTHUR	1222
NU1 M	DAN	1722
N1 MFR	GARY	1299
KC1 MI	JOHN	1491
AA1 MU	CRIS	1928
N1 MVU	KIM	1909
N1 NGM	NORMAN	1273
AA1 OL	BRUCE	1966
N1 PVP	MARINO	1770
KD1 QG	BRUCE	1227
N1 QLF	MARGIE	1533
W1 QMK	RICHARD	1700
N1 RAX	CHARLES	1591
N1 SEZ	PAUL	1560
K1 TXU	SKIP	1958

WB1 U	RAY	1421
K1 UNQ	CARL	1218
NV1 X	BOB	1535
VE1 ZAC	JEFF	2048
KAL ZQR	DICK	1429
KAL ZVX	WES	1509

#2 Call Areas

N2 ALE	ALAN	1416
NC2 B	MARTY	1028
KB2 BOY	STANLEY	1598
WA2 BQI	BUD	2009
N2 CG	GEORGE	1006
WA2 CVV	LARRY	1703
WB2 D	PETER	2071
KF2 DD	WILLIAM	1409
NP2 DJ	DEBBIE	1489
N2 ELW	LARRY	1469
W2 ESX	JOHN	1565
WB2 EZG	VINCE	0315
WR2 F	LAWRENCE	2008
W2 FB	HOWARD	1024
W2 FLN	GEORGE	2049
WA2 FVL	JOHN	1585
WB2 FXK	JACK	0918
NS2 G	HELEN	0393
KA2 GJV	BRUCE	1017
VE2 GOO	TONY	0864
NP2 GQ	GREG	1292
N2 HCU	MIKE	1735
WB2 IFE	ELAINE	2026
K2 JYK	HAL	1776
KA2 KDJ	GARY	1792
WA2 L	ANDREW	1262
AE2 L	JOSH	1912
N2 LDK	FRED	1020
WB2 LJG	MATE	2039
AA2 LK	BRIAN	1042
N2 LMC	KIT	2055
KA2 MJV	CURT	2020
KE2 NT	MICHAEL	1031
N2 NTO	BOB	1004
VE2 OBK	BOB	1481
KF2 ON	WILLIAM	1570
WA2 OVT	ROBERT	1472
KA2 OYF	BARRY	1528
N2 PLE	CLIFF	1011
W2 QBR	DOC	1996
KB2 QLK	GEORGE	1538
KF2 QY	CHET	1278
VY2 RB	DICK	1410
N2 REL	BEN	1976
KF2 RG	GEORGE	2043
K2 SB	STEVE	1462
KB2 SU	JOHN	1967
KB2 SWI	CHUCK	1964
K2 SWZ	BERNIE	0748
WP2 T	MAGGIE	1287
W2 TMN	MARTY	1748
N2 USK	JOE	2025
NP2 V	FRED	1293
VY2 VI	BOB	1513
KB2 VIT	JERRY	1904
KB2 VOX	PHIL	1988
WA2 VSL	DON	1993
N2 WCR	JOHN	1461
AA2 WG	DIANE	1237
W2 WOE	CHUCK	1477
W2 WSS	PETE	1279
KA2 YDT	JACK	1261

AA2 YH	BILL	2016
N2 YKH	BILL	1577
WA2 YPL	DEE	1997
N2 YQJ	ERNIE	1759
K2 YWE	DAN	1726
N2 YY	JERRY	1589

#3 Call Areas

AA3 AV	EUGENE	1220
KB3 BFQ	ERIC	1786
KB3 BKJ	WOODWARD-	1975
	VILLE A.R.C.	
N3 BTM	JOHN	1574
WA3 CSF	JOE	1271
N3 CUD	ROBERTA	1564
K3 DC	BILL	1902
AA3 DU	MICHAEL	1400
NS3 E	ED	0909
VE3 EDR	BRICE	2031
AA3 EQ	LEN	1043
N3 EYM	BILL	0655
VE3 FS	BILL	1240
N3 FSC	GREG	2044
W3 HK	GEORGE	1420
N3 HLM	MIKE	1480
N3 IJR	KARL	1013
VE3 INB	GEORGE	2000
N3 ITF	ALAN	1038
WA3 IVV	RICHARD	1719
AA3 JI	STEPHEN	1545
AA3 JV	CRAIG	1573
VA3 KEW	KEN	1924
WB3 KMX	RONALD	1504
N3 KNX	JOE	1798
WX3 L	MIKE	1256
N3 LBC	JOE	1558
N3 LKS	GEORGE	1235
AA3 LM	COLIN	1948
N3 MEE	DALE	1425
N3 NNH	ANDY	1428
KE3 NV	SCOTT	1502
W3 OKN	MERLE	1281
N3 OUE	JOHN	2011
N3 PM	JOE	1268
N3 QEN	RICK	1971
VA3 RON	RON	2056
WG3 U	JOHN	1500
VE3 UOL	DAVID	1542
WJ3 W	DOUG	1034
KA3 WMJ	KEN	1524
WA3 WSJ	ED	1715
K3 WWP	JOHN	2002
W3 XX	"THE SUB"	1443
W3 YK	ART	1998
VE3 ZBB	BETTY	1265
W3 ZIF	ROYAL	1583

#4 Call Areas

W4 AET	WAYNE	1401
KE4 AGT	JIM	1581
K4 AHM	LEARD	1550
KC4 AKQ	OSCAR	2015
AE4 AZ	RAY	1561
KF4 BHR	JOHN	1991
KM4 BR	RON	1593
KS4 BX	ROGER	1403
KD4 D	MARK	1519
KD4 DDI	PAUL	1512
KP4 DJ	WILLIAM	1576
K4 DRD	STAN	1557

WD4 DSS	FRANK	1994
KC4 DY	GORDON	1588
KM4 DY	THOMAS	1741
AD4 EP	GEORGE	1754
AD4 FA	BILL	2012
KR4 FC	GARY	2029
KP4 FFW	SERGIO	1727
KD4 FLO	JOHN	1506
AC4 FN	DAVE	1021
K4 FOM	ARMON	2010
KD4 FUE	BOB	1267
K4 FW	AL	1926
KA4 FZI	PHYLLISAN	1767
KE4 GBE	MIKE	1911
N4 GYX	DOC	2070
KE4 HBE	PAUL	1923
KE4 HIA	BRIAN	1795
KE4 HOS	RAY	2028
KK4 HW	JULIUS	1426
K4 HXM	GEORGE	2030
KE4 HZM	RICHARD	1554
AE4 IC	BOB	1961
KA4 IFF	ESTHER	0011
KI4 IH	FRANK	1938
WP4 IIW	JOSE	1706
W4 IRE	JOHN	1906
W4 IUI	MERT	1793
KC4 JGT	LYN	1708
KS4 JI	GARY	1774
N4 JQ	ROBERT	1490
W4 JTU	BERT	1999
AD4 KX	HARRY	1559
KC4 LHZ	ELLIOTT	1788
AB4 MT	JON	1597
KE4 NAY	JIM	1981
W4 NJK	CHARLES	0908
W4 NZP	BILL	0911
KN4 OA	CHARLES	1531
KC4 OCS	DON	1224
KD4 OGV	CHARLES	1587
AE4 OM	DAVE	0719
AD4 OS	KEN @ W9YB	1787
WA4 OSR	MITCH	1467
KS4 OT	JIMMY	1903
K4 OWN	SHERRILL	1701
KE4 PPI	PETE	1799
AD4 PT	DON	1514
KD4 PUP	JERRY	1946
KE4 QZB	BRIAN	1934
K4 RDU	BOB	1264
KD4 RXO	KEITH	2073
WX4 S	ED	1516
K4 SV	LIN	1940
W4 TWB	RAY	1487
K4 TWJ	DAVE	1435
K4 TXJ	JIM	1448
KE4 TZA	FRANK	1945
KE4 USA	ERIC	2045
KC4 UUG	DON	0910
KS4 UV	ED	1769
N4 VEF	DICK	1215
WB4 VFN	RICHARD	1458
AC4 VL	GREG	1029
AD4 VL	JIM	1541
KR4 VQ	CARL	1274
TI4 VSG	VAREL	1044
KS4 VX	ROGER	2041
AE4 W	GUNNAR	2068
KE4 WCW	MARTY	2019

FISTS CW CLUB

Membership Roster 1/12/96

AC4WH	BILL	1729
AC4WI	LOUIS	1595
WB4WNO	STEVE	1517
AB4WQ	PAULA	1982
KS4XN	JOHN	1965
N4YGP	KAREN	1553
K4YTB	DEACON	1935
AC4ZH	DUANE	1709

#5 Call Areas

KF5A	JAMES	1919
KC5ASD	JOHN	1505
KJ5BN	GORDON	1503
KC5BUB	CHARLENE	1749
AC5CM	MARION	1761
WB5DMM	NEIL	1942
K5DQ	PEGGY	1921
KC5DSN	JOHN	1275
KC5DUI	BOB	1534
KI5EL	FRED	1229
AC5FI	ED	1499
N5FIH	BILL	2001
K5FO	CHUCK	1716
AC5FY	JIM	2058
KC5GXC	PETE	2032
KC5GXL	DAN	1572
KB5HRS	PETE	1206
K5HT	GEORGE	1730
KC5HXP	RON	1562
KB5IEU	CHARLES	2051
KC5JEV	ERIC	1441
KK5JV	RICK	1789
KC5MDD	JOHN	1957
KJ5MG	DONALD	2060
KC5NZR	RICHIE	1747
AB5OU	TIM	1954
W5QEE	AL	1980
VE5RD	BOB	0907
AD5SB	BOB	1539
KK5SQ	JOE	1962
W5TJW	BILL	2057
KA5TUF	BILL	1430
AB5TY	LEA	1563
KK5VI	WILBUR	2063
KB5VTB	LANNY	1970
K5WTA	BILL	1594
K5XK	RONALD	1253
AB5XP	MIKE	1910
WA5Y	RUSS	1721
KA5Z	RICHARD	1702
AF5Z	BOB	2035
WB5ZJN	SAM	1989
N5ZYR	JOHN	1433

#6 Call Areas

VE6AML	HAL	1930
W6CF	JIM	1414
ZP6CW	DOUGLAS	1771
W6DDB	BILL	1525
KB6EII	BILL	1751
WY6F	PETE	2017
KC6FWH	JOHN	1763
N6GA	CAM	1920
KJ6GR	BILL	1252
W6GRF	GEORGE	1783
N6HCS	PAUL	1407
AC6IA	GREG	1568
W6JEP	MARIE	2007
N6MLW	DAVID	1263
N6OF	DAVIS	1214

W6OLD	DICK	1521
KK6OQ	JOHN	1408
KD6PAL	FRANK	1937
NU6Q	PETE	1022
AC6QO	CLAIRE	1992
K6RPQ	ED	1963
KO6TW	RAY	1960
AB6UN	WAYNE	1723
KD6UZJ	DAVE	2033
WE6V	JIM	0865
VE6VIA	BERYL/KA7VIA	1005
AA6WC	JOE	1532
AB6YP	VERN	1731
K6ZAN	RALPH	1529

#7 Call Area

VE7AVC	VIC	1742
KA7BLA	GERRY	1901
KC7BNG	APRIL	1917
KC7BNH	ALEXIS	1918
AB7BS	PHIL	1916
N7CFA	ED	1402
K7CI	JOE	1738
WL7CKK	PATRICK	2050
NU7D	RANDY	1796
KA7DBR	MIKE	1972
W7DER	ART	2023
K7DFW	ROLYNN	1983
WB7DJR	CARL	2004
KC7DQV	CHARLIE	1547
KI7EG	HARVEY	1943
VE7ERA	OLIVE	0743
KA7GCB	JOE	1956
AL7GQ	GENO	1984
KJ7HQ	ORIN	1552
N7HSD	ART	1269
KC7IG	ART	1746
W7JAT	VERN	1002
AB7LK	GARY	1596
KC7LSN	LORILLE	2014
KC7LSO	RICH	1990
KA7LUH	CARL	1932
KB7MVZ	JUDY	1973
KA7NDX	AL	1784
KJ7NR	STEVE	1530
N7OPW	EARL	1797
KJ7OX	BRIAN	1575
WB7PEI	BOB	1733
KB7RJ	DWAIN	2040
KB7RNV	FRANK	1950
W7SK	RALPH	1778
KB7SVA	DAVE	1549
KA7TIF	JUNE	2006
W7UDZ	DEL	2064
KB7UPS	GEORGE	1457
KA7VIA	BERYL/VE6VIA	1005
K7WF	STU	1493
WA7WFB	BUZZ	1944
KB7WTC	GEORGE	1951
KA7WXY	WALLY	1941
KI7YO	HANK	1933
KB7YJW	JAMES	1567
WA7YYY	COWLITZ	1900
FISTS A.R.C.		
KB7ZTU	KEN	1755
KB7ZTV	PAUL	2003
KI7ZY	PHIL	1949

#8 Call Areas

N8ABR	FRED	1470
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AH8AC	JOHN	1259
KA8AMX	TRISH	1453
K8AN	RALPH	1484
N8AYQ	JIM	1230
WB8BHP	DAN	1276
WA8BIJ	VINCE	0905
KC8BSC	AL	2069
K8BTH	WAYNE	1465
WZ8C	NANCY	0379
W8CG	NORMA	2034
KA8CKL	MEL	1768
W8CYG	JOE	1471
KG8DA/XE1	GEORGE	1473
N8DIX	STEVE	1710
W8DYF	JOE	2024
WO8E	IRENE	0656
WK8F	KEN	0924
AA8FQ	FRED	1495
N8FU	JOHN	0920
NA8G	KEN	1225
AA8HV	JOE	1016
AE8I	KEN	1913
N8IAG	BRIAN	1221
N8JIM	MARGIE	1231
N8JIW	DON	1515
KB8KEJ	CHER	1511
K8KFJ	GARIE	1732
WB8KQJ	KEN	1907
KB8KRD	DON	1752
WA8KSS	RALPH	1417
W8KUX	CHAS	1762
K8LEN	PATRICK	1494
W8LFJ	KERM	1794
W8LHG	RALPH	0794
K8LJG	JOHN	1460
KB8LOI	FRANCIS	2062
K8LOM	VINCE	2042
KE8M	HOWARD	1456
KJ8M	RODGER	1464
K8MEG	RICH	1790
WA8MEM	DWAINE	1466
N8MHV	CONRAD	1295
AA8MI	GENE	0914
W8MVN	ERNEST	1527
WN8MWM	SCOTT	1537
K8NA	TED	1415
N8NLE	JIM	1756
N8NLK	DAVE	1455
AA8NQ	KEN	0927
KB8NTE	BILL	1744
WD8OCV	KON	1508
N8OHC	BILL	1737
KB8OHF	TIM	1523
KB8OOM	SAM	1582
KA8OQF	CHARLIE	1478
K8OUA	PETE	1254
KA8OUT	JIM	1959
W8PBO	ART	0866
KD8PW	CURT	2065
KG8QT	MARTY	1760
WB8QZK	CRAIG	1510
NJ8R	RICHARD	2067
KF8RG	KEN	1556
KB8RHG	SARA	1418
KB8ROG	CHARLES	1713
AA8RV	MIKE	1046
N8RXW	CHUCK	1434
N8SBN	FRANK	1496
KB8SBW	CHUCK	2038

KB8SBX	MIKE	1546
WB8SLU	BILL	1248
KE8SX	PAT	1927
KF8SY	ED	1720
KB8TCT	BERNIE	1773
AA8TU	RANDY	1718
KB8TUO	JIM	1705
WO8U	KEN	1404
WZ8U	LOREN	1712
KF8UE	AL	1743
N8UJZ	MIKE	1571
KG8UM	GREG	1977
KE8UM	MURRAY	1518
AC8W	STAN	1454
WB8WCU	DON	1551
N8WDH	CHUCK	1258
KF8WR	TED	1779
KB8WZV	RIC	2005
NW8X	RICH	1540
N8YJB	EVERETT	1968
KF8YM	GENE	1223
KB8YRB	JOE	1914
KA8ZDL	CLARK	1766
W8ZNH	BILL	1023
WB8ZWW	WAYNE	1243
KB8ZYY	RAY	2046
KB8ZZQ	ROB	1995

#9 Call Areas

NA9A	JOE	1566
WA9AUW	BILL	2066
W9BRD	RODNEY	1782
N9BWG	DON	1015
W9CC	LARRY	1714
N9CIB	RAY	1922
WB9CIS	JOHN	0531
KC9DJ	HERB	1745
AA9DK	GREGORY	1578
N9DSP	MATT	1412
WU9E	PHIL	1449
KB9GNP	PHIL	1724
AF9H	PATTI	1785
N9JIY	MIKE	1282
NN9K	PETE	2047
AI9L	JESSE	1772
N9LGP	DAVE	1050
W9LOH	PADDY	1740
N9MCQ	MARK	1579
KA9MIV	BRENT	1507
VP9NC	JEFF	1520
W9NT	GURNEE	1955
N9NTC	MIKE	1725
N9NVV	LEE	1728
KF9OE	DON	1406
K9QVB	JOHN	1047
KF9RK	TONY	1424
N9ROR	GREG	1717
KA9RPR	PAUL	1485
WA9S	CHARLES	1711
WI9S	RICK	1033
N9SW	GENE	1202
N9TRK	STEVE	1915
KF9TU	GREG	1228
N9URB	JOHN	1483
KF9VA	STEVE	1952
K9VVKY	BRIAN	1212
N9WCS	LARRY	1777
WI9X	JIM	1544
ND9X	FRANK	1012
N9XNH	JOHN	1750

FISTS CW CLUB

Membership Roster 1/12/96

W9 YB	(SEE AD40S)	1787
K9 ZCH	LARRY	1474
N9 ZNF	JERRY	1775
N9 ZZD	ROGER	2054

#0 Call Areas

WO AP	MAC	1908
WBO AUQ	BOB	1905
NO DKE	PETE	2037
NO DLJ	DAVID	1419
WAO F	MARK	1736
WAO FGV	JIGGS	1286
WDO HCO	BIZ	1929
NO HFF	BILL	1239
AAO HQ	TOM	1548
AAO IO	CHARLES	1590
AAO IQ	CLAUDE	1211
KAO IQT	JAMES	1241
KAO JLF	DON	1979
WBO JNR	ROGER	1501
KBO JTS	BILL	1586
KGO KR	ELIZABETH	1592
KBO LLZ	BUDD	2053
WO NMB	PAUL	2013
AAO NR	RICK	1704
WZO O	RICHARD	1526
NO ODK	MIKE	1947
KBO OLL	BEVERLY	1925
AAO QI	PATRICK-	1757
KBO QVB	RICHARD	1584
KBO QZ	MARTIN	1780
NO RDQ	PAT	0923
KGO RI	CHARLIE	1482
WAO RSX	CARSON	1939
KBO SJB	TOM	1765
WO UCE	JACK	1739
WAO UCQ	GERRY	1931
WZO W	SLEET	1284
WSO W	FRANK	2036
AAO XI	MARSHALL	1791
AAO XJ	JAMES	1978
AAO YX	DENIS	2021
NFO Z	LARRY	1497
WIO Z	JOE	1707
KBO ZE	AUBREY	1289

SWL's, Waiting for Call, Other Misc.

Morton Goodman SWL
Christopher Tilden 1758

UK-EUROPE-ASIA

VK, ZL, JA, AFRICA		
SWL		1814
SWL		1818
SWL	BRIAN	0440
SWL	DI	1882
RW3 AA	SLAV	0824
DL8 ABH	WOLF	1364
ZU1 ABV	JOAN	1696
2WO ACD	PHIL	1187
G0 AEC	ESDE	0878
LZ1 AF	DIMITER	0416
PA3 AFF	PIET	0445
2EO AGQ	BRIAN	0990
UA3 AGW	DIMA	0729
G0 AHJ	DEREK	0117
G3 AHS	DAWSON	0265
2EO AIR	TONY	0872

2EO AIZ	TOM	1692
2EO AJE	PAUL	1845
2EO AJS	ALEX	1813
SV2 AJX	PACO	0771
G2 AKK	BILL	0002
ZS6 AL	VIDI	1699
G0 ALH	STAN	1671
2EO ALN	DAVE	1858
2M0 ALU	JIM	1844
2EO AMK	DERRICK	1860
UA0 AMW	GEORGE	0836
ON4 ANE	BERT	0435
ZL2 AOH	RALPH	1073
G0 AOL	GILL	0280
UA4 AQO	SERGE	1180
SP7 AQR	STAN	1321
DL7 ATL	MANFRED	0418
G0 ATS	ELAINE	0331
G3 AVL	BOB	0931
G1 AWJ	JOHN	1195
G0 AXE	MIKE	0361
ZR6 AYS	GREG	1800
9HI AZ	GAET	1689
LY3 BA	GEDAS	0984
GM4 BAE	GERRY	0683
ON4 BBA	JEMPI	1849
GI4 BBE	REG	1188
GD0 BCM	WALTER	0870
ZR6 BDW	BEN	1695
SM5 BDY	EVERT	1337
GI0 BEY	SCOTTY	1184
PA3 BFH	HERMAN	1835
G0 BGI	STAN	0736
PA3 BHK	ROBERT	1377
PA3 BJD	BRAM	1848
G4 BJM	FRASER	0044
JP1 BJR	HAL	0325
G4 BLI	ALAN	1637
G0 BNS	DICK	0532
GW0 BOJ	HOWARD	0689
G0 BQV	MARY	0040
HA5 BR	PISTA	1059
G3 BRR	JIM	1063
G3 BSK	MAX	1666
EI9 BT	DERMOT	0015
GM0 BUH	ALEX	0076
G0 BUR	ROY	0523
G4 BUS	REG	1834
G0 BWG	JOHN	0238
G4 BWJ	BARRIE	1378
G0 BXV	DAVE	0261
LY3 BY	VILMAS	1811
G0 BYG	JIM	0089
G3 BYX	DES	0581
DL3 BZZ	LUTZ	1640
GI4 CBG	ROY	0161
G0 CEK	FRED	0334
3B8 CF	JACKIE	0951
GM3 CFS	JIM	0356
G0 CGT	BRIAN	0702
G0 CHV	MIKE	0090
G0 CIJ	MIKE	0663
G4 CMY	TONY	1626
ON1 CN	RIK	0967
SV1 COX	PANOS	1809
2E1 COY	JOHN	1833
G4 CPA	GEOFF	1644
GI4 CRQ	KEN	1064
G3 CSC	SAM	0339

2E1 CSR	GEOFF	1830
G1 CUV	JOHN	1664
G0 CVH	VINCE	0048
EW6 CW	VAL	1338
EI0 CZ	BREN	0632
F6 CZC	LEONCE	1371
G3 DAC	ALAN	0024
G0 DAF	JIM	0795
G4 DAL	DAVE	0075
G0 DBU	ERIC	1310
G0 DCM	ARTHUR	0288
G0 DDI	PHIL	0631
G0 DEB	DAVE	0380
DL6 DGH	ULI	1874
G4 DHZ	PETE	0980
GW0 DIX	RON	0740
G0 DJA	DAVE	1372
GM0 DJI	DANNY	0312
GM3 DKW	JIM	0639
I2 DMK	MAX	1866
I2 DMK	MAX	1866
G4 DNB	BILL	0058
G4 DNC	GEOFF	0071
G3 DOT	JOHN	0718
G3 DOV	DEREK	0175
VK7 DQ	JERRY	0957
ZS5 DR	DON	1802
DL1 DRA	ACI	1077
SM7 DRH	CLEM	0973
G0 DRT	PETER	0652
G3 DUH	CUJRLY	1156
TF3 DX	VILLI	1658
G0 DXB	BILL	0132
G4 DYG	PETE	1182
G2 DZF	JIM	0422
PA3 EBA	JAN	0827
G4 EBK	GEORGE	0804
G0 EBW	DAVID	0421
G3 ECS	KEN	1335
GW0 EDC	BRIAN	0151
G0 EEJ	ALICE	0710
G4 EEM	BOB	0724
DK8 EF	FRANZ	1837
ZR6 EGW	ERROL	1806
G4 EIB	JIM	0372
G0 ELH	BOB	1397
DF4 EO	DIDI	0737
S53 EO	MIL	1098
GM0 ERV	SHIRLEY	0107
G4 ETJ	REG	1394
G0 EUD	CHARLIE	0067
G0 EVV	DAVID	0550
G4 FAI	TONY	0029
EI2 FB	LIAM	1197
DL8 FCO	WERNER	1183
G0 FDJ	KEITH	1348
UB5 FDM	JERRY	0832
F6 FEQ	RENE	1670
G2 FFD	DAN	1149
I2 FGT	JUL	1051
G0 FGW	RON	0433
G0 FIP	ELLA	0215
UT9 FJ	SAM	0618
G4 FJC	RICHARD	0988
G4 FMH	BILL	0996
G0 FOD	NEV	0308
G0 FPS	RAY	0004
G0 FPV	IAN	0946
G3 FPY	ERIC	1331

G0 FRL	BOB	0390
G3 FTU	ROY	0502
RB5 FU	GENE	0792
G0 FUS	PAUL	0110
G0 FVS	JIM	0628
G0 FWC	DERRICK	1355
GD3 FXN	ART	0127
EI5 FY	BILL	0846
PA3 FZE	MALCOLM	1175
G4 GBG	PAUL	0637
G4 GBX	WANDA	0514
GW4 GCB	PETER	0657
G0 GFG	MARK	0113
G4 GFQ	RON	0894
GM3 GG	GEORGE	1154
G0 GGE	PETER	0700
G0 GGU	STEVE	0491
OZ1 GHN	JAN	1822
DL1 GJN	JEURG	0948
G4 GJY	SID	1667
G0 GKE	LES	0197
G0 GKH	DAVE	0034
JA3 GM	BEN	1869
GM7 GOD	RILEY	0847
G0 GOD	JOHN	1604
G4 GOI	JACK	1100
G0 GPM	JOHN	0412
G3 GPZ	PETE	0613
GW0 GQC	BRIAN	0671
G0 GSQ	GEO	0266
G0 GSW	VICTOR	0042
G0 GTN	JOHN	0638
G4 GUA	JOHN	0467
G3 GUR	JOHN	1819
G4 GUW	GORDON	0857
GW0 GUY	ELWYN	1685
G0 GVC	PETER	1096
G0 GWD	ALAN	0817
DF3 GX	KLAUS	0600
DL3 GXL	LEILA	1820
G3 GXQ	WALTER	0947
G4 GYD	MIKE	1352
G0 GYY	PETER	1601
G0 GZK	LAURIE	0554
G0 HAU	TED	0277
G3 HBN	JIMMY	1199
GW0 HCB	PAUL	0528
GW0 HCN	TERRY	1058
GI3 HCP	DES	1311
G0 HDE	CHAS	0845
G0 HDI	BRIAN	0620
G3 HEL	JACK	1663
GM3 HEN	TONY	0122
G0 HFI	GORDON	0609
G0 HGA	ANGIE	0041
G0 HGG	GORDON	0930
G0 HHL	PHIL	0429
G0 HIN	TOM	0069
G0 HIS	DAVE	1071
EI5 HJ	GERRY	1079
G0 HJX	PETER	0819
GI0 HKS	BILL	1876
G2 HKU	TED	0841
G0 HLG	GORDON	0488
GM0 HLP	IAIN	0535
GI3 HNM	CLIFF	1379
ZS6 HR	REON	1697
G0 HRL	GERALD	0975
EI6 HS	PAUL	1313

FISTS CW CLUB

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G4 HSC	HARRY	1192	F5 JUD	AL	0697	G0 LUY	GRAHAM	1360	G4 OHX	SAM	0455
IK2 HSW	HENRY	1388	UA6 JW	HARRY	0820	G3 LUZ	FRED	0444	G0 OKZ	JOHN	0780
G0 HTX	TONY	0139	G0 JWB	BILL	0385	G5 LW	ALEC	0682	G0 ONS	JIM	0741
GM3 HVT	JIM	1628	G0 JXS	CLARRY	0506	G0 LWI	FRANK	0901	GW0 ONU	DENNIS	0591
G0 HXU	SIMON	0010	G3 JXT	TED	1603	G3 LWU	DERRICK	1608	G0 OOD	TIM	1350
GW0 HYC	BEN	0485	L21 JZ	TONY	1318	G0 LYY	JOHN	0696	GX0 OOO	VARIOUS	1000
GM4 HYF	GEORGE	0243	G4 JZM	CHARLES	1688	G0 LZA	DEZ	0833	G4 OOS	JOHN	0812
G0 HYT	PATRICK	0220	G0 JZU	ROSS	0679	G0 LZL	DAVID	0587	G0 ORD	ERIC	0963
G3 HZL	DON	0410	DL8 KAZ	DIETER	0593	G3 MAM	DAVID	0497	G0 ORS	CHARLES	0852
G0 IAL	ROD	0348	G0 KCA	JOHN	0200	GW0 MAP	BOB	0935	G4 OSB	TOM	0579
G4 IAV	BOB	1140	G0 KCJ	ALAN	0602	G3 MCK	GERALD	0230	G0 OSR	OLIVER	1178
G8 IB	DUG	0882	ZS5 KD	BILL	1801	G0 MCV	SANDRA	0555	G4 OTN	COLIN	0028
OE3 ICS	IGOR	1366	DL3 KDT	KLAUS	1636	G0 MEG	MEGAN	0518	G0 OUI	BILL	0888
LA1 IE	OTTO	0249	G3 KEF	TOM	1839	GM0 MFE	JACK	0603	G0 OVZ	SHAUN	1368
G0 IFM	COLIN	0728	G4 KEW	BOB	0275	G0 MGD	DENNIS	0630	G0 OWS	JIM	0822
G0 IFT	PETER	1194	GW4 KFD	BARRIE	1616	G0 MHE	BRUCE	1677	G4 PCE	RICH	1693
G0 IFX	BRIAN	0471	G0 KHI	BILL	0706	G0 MJV	ALBERT	1357	GI0 PCU	DAVID	0831
GM0 IGJ	JEFF	1356	I5 KHX	DANIELE	1885	G0 MKJ	KEN	1390	GI4 PCY	FRED	0156
G0 IGP	TONY	0129	G0 KHY	JOHN	0487	G0 MLA	ERNIE	0606	G0 PDM	MIKE	1343
GW4 IGO	REG	0086	SM7 KJH	CHRIS	0017	G3 MLD	KEN	1091	G0 PEH	TONY	1657
G0 IJE	DON	0509	G4 KJJ	JOHN	1630	G4 MLW	IAN	0130	G3 PEN	DAVE	1303
G0 ILN	RICHARD	0398	ON5 KK	GEERT	1836	GI3 MMF	BILL	1613	GM3 PIP	PETER	1883
G0 IMF	ALF	0427	G0 KKL	PHIL	1859	ON6 MN	MARTIN	1826	GW0 PJX	CHRIS	0950
G3 INA	RON	0097	G0 KKK	DOUG	0466	GW0 MNO	NICK	1881	G3 PKX	DON	0257
G3 ING	JOHN	1674	G4 KLF	TONY	1198	G0 MOU	DICK	0668	G7 PMH	RON	1624
G4 INM	TOM	0084	G4 KLQ	EDD	1843	HA2 MP	JANOS	0899	GW0 PNC	HARRY	1106
G0 IOF	GRAHAM	0231	G0 KLS	RON	1336	G0 MRH	RON	1327	GW0 PNI	DAVE	1053
G0 IOV	GORDON	1147	G3 KMG	DAVE	0124	G0 MRM	ERIC	0586	G0 POJ	JUDY	0883
GW4 IQA	REG	1116	GM0 KMG	BILL	0484	G4 MSR	JEFF	0357	G3 PPD	STUART	0977
G0 IRL	AUDREY	0510	G0 KMU	JOAN	0786	G0 MTJ	JOHN	0873	G4 PPG	JIM	1189
G4 IRM	DEREK	0123	G0 KNJ	BOB	0463	G0 MVG	HERBERT	0760	G0 PPI	DEREK	1639
G3 IRM	PETER	1092	G0 KPB	TONY	0512	G8 MVZ	PAULINE	1160	G4 PPK	CLIVE	0244
G0 IRO	BRYAN	1823	G3 KQN	JACK	0699	G3 MWF	RAY	1151	G1 PPK	JOE	1375
GW0 IRP	COLIN	0690	G0 KRT	ERIC	0133	G0 MWU	BRIAN	0701	G4 PPV	GRAHAM	0134
G0 ISC	RENIE	0610	G3 KTT	ALAN	1308	G0 MYZ	MARIAN	0636	G4 PQG	RALPH	0634
G4 IST	BILL	0991	G3 KUL	DOUG	0840	G4 MZS	TOM	0150	G0 PQU	CYRIL	1676
G0 ITS	ROY	0498	GW4 KUS	BERT	0856	UA4 NAL	KIRIL	0842	G0 PRD	PETE	1179
F5 ITU	DANIEL	1831	G3 KWO	KEN	0006	EL2 NC	DICKSON	1827	GW3 PRL	MARTIN	1315
G3 IVF	SMUDGE	1614	G4 KXC	KEN	0938	G3 NCL	RON	0168	G4 PSE	MIKE	0837
G4 IXI	TREVOR	1141	G0 KYC	ALAN	0513	G0 NDT	PAUL	0653	G4 PSI	GEORGE	0032
G4 IXL	BOB	0165	G0 KYO	JOHN	0707	G0 NEB	JOHN	0755	G4 PSL	TERRY	1062
G0 IYC	DENIS	0501	G0 KZA	ERNIE	0738	YO4 NF	SIL	1330	G0 PTB	BRIAN	1072
G0 IYG	JIM	0839	G7 KZW	STUART	1627	G4 NIR	DOUG	1121	G4 PTE	KEN	0723
G0 IZU	MIKE	0809	G4 KZZ	NIGEL	1821	GI6 NIY	EDDIE	1612	GI0 PUZ	IRENE	1656
G0 IZV	DEREK	1302	F5 LAW	YANN	0752	IN3 NJB	BOB	1317	G0 PWZ	PETER	0876
ZS6 JAN	JAN	1698	UA4 LFR	ALEX	1828	IK0 NKI	LUIGI	1052	G0 PXI	PHIL	0979
G0 JBP	ROBIN	0205	G4 LGA	DON	0642	G0 NKO	KEN	0862	GW4 PXQ	GEORGE	0160
G0 JBQ	SIMON	0204	G0 LGF	TERRY	1817	GW0 NLB	SAM	0983	GM0 PVX	PETER	1057
UA6 JD	VLAD	1385	GM3 LGM	BILL	0564	G0 NNJ	SID	1386	I7 PXV	VIN	1342
GW3 JEZ	BOB	0364	GW3 LHK	GWYN	1125	G0 NNO	JOHN	0478	GW0 PZS	TREFOR	0976
G0 JFD	GRAHAM	0477	G0 LHZ	JIM	1155	G0 NOB	LIONEL	0785	DK7 QB	BERT	0362
G4 JHZ	LES	1322	G7 LIE	BRIAN	1370	GI3 NQH	JOE	0945	G4 RBE	JACK	0174
G0 JIT	DICK	1136	G4 LIM	GEOFF	1652	F5 NQL	MAURICE	1816	G0 RCB	TED	1687
G4 JIZ	JESSE	0179	GM0 LIR	PIP	0942	G0 NSU	GEORGE	1606	G0 RCE	KEITH	1054
G0 JJQ	WAYNE	0851	G0 LIU	GEORGE	0816	G8 NT	DICK	0426	UB5 RCH	VICTOR	0936
G0 JLQ	CHAS	0622	G0 LJB	PAUL	0493	ZS6 NT	DWIGHT	1805	G3 RCO	CHARLES	1168
G0 JLX	ANDY	0358	G4 LJU	COLIN	0099	G0 NTR	JIM	0265	G4 RDM	PETER	0186
G4 JMI	BRIAN	0091	G0 LLN	PETER	1871	G0 NUP	KEVIN	0796	G0 REA	ROMA	0895
UU4 JN	ALEX	0678	GM0 LOA	JOHN	0121	G0 NVP	PENNY	0704	G0 REB	CHRIS	1164
G0 JNR	SHANE	1396	G0 LOE	STUART	0625	G0 NVY	PETER	1316	G4 RFS	STAN	0229
SP6 JOE	JOE	0764	G0 LPF	RICHARD	0960	G4 NXN	TERRY	1104	G3 RGE	KEN	1662
G0 JON	JOHN	0774	G3 LPS	ERIC	1398	G3 NYA	DAVE	1061	G0 RGO	MALCOLM	1134
IK7 JPJ	WALTER	1349	G0 LQX	TREVOR	0425	G0 NYZ	STEVE	0982	G0 RGV	RICHARD	0981
G3 JPZ	IAN	1347	G3 LRB	STEVE	1171	G0 NZL	JOHN	0773	G4 RHP	LEN	1362
G4 JRE	JOHN	0577	G0 LRE	LARRY	0750	G4 NZU	RON	0309	G0 RIJ	BRIAN	1193
G0 JRN	ART	0295	G3 LRP	PETER	1672	GM3 OAV	DOUG	0562	G3 RJV	GEORGE	0428
G0 JRT	TOM	0745	G0 LSH	ALAN	0508	G0 OBU	KEITH	1615	ZS5 RK	ROD	1804
G3 JTO	ERIC	0766	G4 LSI	JOHN	0368	G7 OCV	MARTIN	1648	G0 RKT	DAVID	1066
G3 JTS	TOM	1681	G0 LSY	JOHN	0196	DF8 OF	SIGI	0949	ON6 RL	GUIDO	1080

FISTS CW CLUB

Membership Roster 1/12/96

G0RLW	ALAN	0902	G0TNY	TONY	1669	G0VJJ	STAN	1824	LA6ZH	RUTH	1314
IK2RMZ	MARTIN	0853	GD4TOW	KEITH	0898	G0VJK	MIKE	1647	G4ZIB	TONY	0811
G0ROT	MIKE	1056	G0TRO	NESS	1323	G0VKL	ROD	1864	G3ZJJ	MIKE	0274
G4RQA	TOM	0036	F5TRV	ERIC	1832	G8VL	IAIN	0890	GW3ZNN	WALLY	0964
ZS5RR	ROSE	1803	G3TTH	TEX	0995	G0VLY	PHIL	1865	DL1ZQ	HANS	0313
G4RSK	GORDON	0030	G0TUE	RAYMOND	1191	G0VLY	PHIL	1865	G3ZQS	GEO	0001
G0RSN	RICHARD	0869	G0TUJ	WALT	1139	G4VMV	RAY	0402	G3ZRZ	IAN	0781
G3RSP	ALAN	1847	G3TUX	CHRIS	1307	G3VNG	DAVE	1097	GM4ZTO	JOHN	0695
G0RSU	GEOFF	1150	G3TVI	ROD	0747	G4VOJ	ART	0007	G4ZVL	HENRY	0538
G7RTI	KLAUS	1325	G0TWN	DAVID	1334	G5VQ	ERIC	1679			
G0RVO	DAVID	1102	G0TZV	GORDON	1392	G3VQO	LES	0874	ADDITIONAL		
G8RVW	STEVE	1850	G0TZW	JOHN	1332	UA3VRP	VICTOR	1110	CALLS/NOTES		
G4RWP	EDI	0286	G0UBE	JOHN	0934	G6VS	GEORGE	0267			
G0RWQ	NIGEL	1619	G0UCK	BARRY	1344	G0VSS	RAY	1812			
GW3SB	CHAS	0345	G0UCQ	PHIL	1319	DJ2VT	GEORGE	1605			
G0SBH	TED	1655	DL6UDX	WOLF	1181	G0VTI	TERRY	1807			
G0SDA	COLIN	1172	ON5UE	DANNY	1825	G0VTN	RON	1851			
G0SED	GEORGE	1867	G0UEE	PETER	1358	G3VUN	GLORIA	1620			
G0SEF	DAVE	1129	G4UEW	DAVE	0584	G4VVK	BERNARD	0838			
GW0SFO	KAY	1105	G0UFF	ROY	1382	G4VXJ	LEN	0292			
G0SFV	DAVE	1161	G0UFT	KEV	1650	G4VXY	DAVID	1099			
GW0SGG	BILL	1602	G0UGZ	LEN	1353	GI3VYY	BRIAN	0900			
DL0SGS	SCHOOL STN	0956	GW0UHJ	BILL	1868	G0WAU	JILL	1690			
G0SJC	CLIFF	1391	JA7UHM	MASA	0018	G4WBN	TREV	0381			
G3SJE	JOHN	0391	G4UHM	STEVE	0304	G4WCE	PETER	0660			
G0SJU	SAM	1185	G0UJD	MERV	1680	G0WFM	PETER	1880			
G0SKR	JOHN	1115	G0UKX	RAY	1618	G3WGL	NOLLY	1633			
G0SLJ	DENIS	1838	G4UKZ	RAY	0148	G3WII	FRED	0559			
GM0SMT	ALLAN	1610	G0ULB	DON	1649	G0WJO	PETER	1846			
G0SNE	ANNE	1123	G4ULT	LES	0675	G4WKG	ROB	0079			
G4SOO	HAROLD	0767	G0UMN	JOHN	1678	G0WMR	RED ROSE GP	1873			
G4SPK	ROBERT	1623	G0UMT	DEN	1861	G4WNA	TONY	0598			
VK2SPS	STEVE	1399	G0UOM	NORMAN	1369	G3WNI	BILL	0413			
G0SQF	JOE	1384	G1UOP	JOE	1863	G3WP	JACK	0310			
GI4SRQ	GEORGE	0662	G0UPS	PAUL	1651	G3WPK	BOB	1870			
GI0SSA	KEITH	1304	G0UPU	ROGER	1643	G0WPM	NICK	1886			
G0SSG	REG	1169	G0UQE	BERT	1815	VK3WQ	MARLENE	1359			
G4SSH	ROY	0999	G0UQP	GRANT	1383	ZS1WT	WILF	1694			
G0STE	STEVE	1875	G0URM	PETER	1632	OE6WTD	DIETER	1068			
G0STR	BILL	1609	GW0URS	FRED	1328	G4WTD	COLIN	1841			
GI0STS	RONNIE	1661	G0URX	DAVID	1351	G5WW	PAUL	1345			
G0SWT	LEN	1642	GI0USC	JOHN	1387	G4WWQ	DAVE	1056			
G0SWU	PETE	1389	G4USW	BILL	0405	G3WWS	MIKE	0604			
GW0SXE	JOHN	1101	G0UTL	ALAN	1393	G3WWT	JOHN	1114			
G0SXC	KEITH	1138	G0UTR	DAVID	1629	GI4XFS	LYN	0464			
GW0SXZ	JIM	1339	G0UUA	WARWICK	1683	G4XHE	RICHARD	1365			
G0SZE	CHRISTINE	1301	G4UUV	PETER	0376	GI3XHL	NOEL	1354			
BV2TA	TONY	1884	GW0UWM	JOHN	1810	G4XHZ	FRANK	0008			
G0TAW	IAN	1300	G0UXK	PAT	1622	G4XJU	LAURIE	0153			
G0TBB	BOB	1135	G0UYK	JOSEPH	1324	G3XMM	TOM	1395			
G0TBD	TERRY	1163	G0UZH	STEPHEN	1829	G4XOC	PETER	1645			
G0TCF	PETER	1340	G0UZI	PHIL	1638	G4XPE	MIKE	0100			
G4TCJ	DOUG	1346	G0UZQ	PETER	1691	GW4XQH	JOHN	0576			
G0TEB	CHRIS	1675	GW1VAW	BRIAN	0420	G4XUZ	RAY	0777			
G0TEQ	SYD	1186	G0VBT	HOWARD	1682	G5XV	RON	0871			
G3TFK	LES	1641	G0VCW	RICHARD	1842	G4XVE	JOHN	0342			
G0TFV	TERY	1177	G3VD	BERNARD	1617	G4XWV	MAT	1660			
G0TGF	JIM	1621	G0VDI	JOHN	1840	G4YEP	TED	0020			
G0TGU	BILL	1329	G3VDL	JOHN	0549	G4YFD	FRANK	0486			
G0THA	PETE	1174	G0VEB	BROOK	0952	G4YJB	RON	0601			
G0THV	JOHN	1374	GW0VFF	STEPHEN	1872	G4YLB	JIM	0492			
G0THX	VIC	1634	G0VFM	TONY	1808	G3YLL	RON	0282			
G0TIP	GEORGE	0940	G0VFF	BOB	1684	G3YLT	TOM	0489			
G0TKT	PETER	1126	G0VGF	DAVE	1852	G4YNU	JOHN	0073			
G4TKX	ARTHUR	1668	GI0VGV	ANDY	1654	G4YRS	GERRY	1326			
SM4TLB	PER	1673	G4VIJ	BILL	0807	G3YXJ	DANNY	1305			
G3TLF	FRED	1853	GM0VIT	BILL	1665	G4YYW	DAVE	1600			
G0TMX	TERRY	1862	GM0VIY	JON	1631	G3ZDD	DEREK	1312			
G0TMZO	NORMAN	1653	HE9VIZ	NICOLA	1659	G4ZFT	MARY	1162			