

## International Morse Preservation Society



# KEY NOTE



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G4PSE

G4XHZ

M0AVW

G0FRL

G4YLB

G4PPG

G3ZQS

G4MZS

### NETS

Sunday QRS 0900 (loc) 3.575 2E0AJS

US 0100Z on 14058

Tues: GX0IPX/P 1930 ON 3.558 (+/-)

Net Control G3HZL

DX 14/21/28.058 on the hour for 15mins

Pse keep watch on all Novice allocations

UK Net Controls use GX0IPX/P

**SUBS:** UK £5.00, EEC £7.00. Others £10.00. Your renewal date appears on the mailing label and your anticipation would be much appreciated.

**Up-dated listings** may be obtained from HQ. Please include 3 2nd class stamps to cover return and running costs

**Lapel Badges**, £1.50 incl.

**Fabric patches** £2.50 incl.

**QSL Cards** £6.00 per 100 or £9.00 per 200 (UK and EU pse add £1.00 for p/p. DX members - on advice.

**Personalised stickers** £1.00 per sheet of 65. Max order 5 sheets. Please include your **CALLSIGN** on **all** correspondence.

### QSL Bureau. UK SAEs (Stout envelopes recommended)

**Mx, 2x** (Except for Wales) M0AYI. 7 Tynedale Terrace, Annfield Plain, STANLEY, DH9 7TZ.

**G0** (Except GW0). G3JRY. 3 Rochford Cresc, BOSTON, PE21 9AE

**G3** (except GW3). G0UQF. 2 East St, Darfield, BARNESLEY, S73 9AE.

**G4** (Except GW4). M5AAQ. 491a New Ashby Rd, LOUGHBOROUGH, LE11 4EU.

**G2, G5, G6, G8** (Except for Wales) to M0BPT. 38 Wheatley St, WEST BROMWICH, B70 9TJ.

**All members in Wales.** GW0SGG. 14 Heather Cresc, Sketty, SWANSEA, SA2 8HE

**EU/DX Members:** IRCs, Eurocheques, Girocheques, UK Banknotes or \$US bills to HQ. Club will provide envelopes.

### GREETINGS

Hello people. Think the new (and hastily constructed) bureau is set to be running in a fairly well oiled fashion. Chuck sent a few odd cards to some of the sub-managers as a prelude to the tidal wave which will undoubtedly have threatened to swamp him now that the sub-managers have been nominated and also of course his own address has been placed at the forefront of the barrage. A few short weeks will show whether all is functioning as anticipated so I will report further next month.

The bands have been as capricious as the weather recently and at the risk of domestic discord, GX0IPX has been active in the hour prior to midnight when 20m has been open to the US. This brief period of activity has thus far delighted me with a number of new FISTS contacts and I am not alone since I can hear other EU and UK calls being responded to..

Isn't it strange how some dogs will behave like this? Suzy off the lead is relatively dog-friendly but put her on a lead and she threatens to take on anything of any size with four legs and a tail. I had to pick her up recently on encountering a huge cross German Shepherd (think the other half must have been an elephant) and even from my arms she continue to issue dire threats of GBH which left the poor inoffensive creature bemused and doubtless thinking to itself "What did I say"?

Was there something I was not hearing? There was a huge pileup on 30m (close to 10.1040) with just about every amateur station in the Western hemisphere flaunting his/her callsign at speeds varying between 20 and 50 wpm. I searched low - I searched high - and nil was to be found. Odd though because I could hear

EU stations reporting 599 so if whoever was succeeding in moving S meters to near full scale in Croatia then surely I would hear something. As the old lady said to her illiterate friend when translating sub-titles on a silent film, "the thick plottens".

John, our GSWL4 in Northern Ireland kindly posted a parcel containing a G3ZPY key mounted on a board with oscillator and speaker together with a Datong Morse Tutor. As he says himself, "I will be 88 years old come October and these items are of little use to me." The key/oscillator layout will be used as part of the display when attending rallies and a good home has already been found for the Morse Tutor at the local Venture Scouts where the Darwen club is running Novice teaching sessions.

"Isn't our Post Office wonderful" we often hear when letters addressed in the most outrageous manner reach their appointed destination. There is however another side to this coin as Chuck, M0AVW will attest. He sent a parcel of QSL cards to Stan (K4UK) which was returned 'undeliverable' despite the address being correct. Chuck re-wrapped the parcel leaving the original wrapping intact, appended a label and tried again. This time the parcel arrived but Stan was much disgruntled to discover that the original wrapper was graced with **exactly the same address as the label**. He will be asking questions of the US postal authority and seeking compensation for the initial failed delivery. Further details and other interesting info can be found at the US QSL bureau site: [www.qsl.net/w4fcr/fist.html](http://www.qsl.net/w4fcr/fist.html)

### CHANGE OF CALL

M0BHS has the approval of the widow of G3KTT for him to take over the call. Mike is due to activate the call as from 31st July.

Also, G0SAH has adopted the call G800 and 2E0AUK now becomes M0TOM. and M1DBU is now M0CRO

Would those of you who are keeping indexes, please ammend accordingly.

VK2EBK has moved to Queensland and his call now becomes VK4EBK.

Callsign changes are noted immediately in both the FISTS and HAMLOG records.

### OVERSEAS MBRS AND SUBS

It often happens that overseas (particularly EU members) find it more convenient to send me a £10.00 note or perhaps 2x£5.00. Hitherto, the excess has been ascribed to the category of a donation but now, with the QSL bureau requiring stamps, the excess has been channeled in this direction. Extras from UK members will of course continue to be acknowledged as donations.

A further point is worth mentioning here as I have recently received subs from lapsed members as far back as 1998 with £20.00 included. Although I could dig up the appropriate archives and print Keynote for the interim period, it is a pain in the pancreas so whilst accepting the excess, this also has been credited to the member in the form of postage stamps held at the bureau.

Please note that returning lapsed members (unless specifically requesting otherwise) will have their renewal date brought forward to the date of their submission plus 12 months.

## SUSPECT E-MAIL

In view of the rather nasty piece of software engineering that was recently doing the rounds, the "I Love You" virus, I am naturally cautious about what finds its way onto my computer. One recent e-mail was something to do with 'adult entertainment' and was deleted unopened. Another problem is that most browsers have a tendency to either reiterate the text found in my mailbox as 'noname.000' etc which is a pain in the pelvis because I end up scanning the same message twice but also, unless otherwise indicated in the original header, any attached content is dumped into the download folder. Generally, it is easy to spot as it bears some relation to the downloaded file (Bananas.zip or, in the case of Nancy's updates, Names.txt) to which there would be a reference in the mail-box message and on the assumption that the sender was known (a callsign perhaps) these are opened. If any additional content is classified under the 'noname' heading, they are deleted on the assumption that they have been read. Perhaps for safety's sake, such traffic should carry the callsign of the sender in the subject field so that it can be immediately recognised as benign. I sometimes scan 'noname' messages with QuickView (this doesn't actually open the message) but it is time-consuming and one such viewed recently caused an error to be generated in Kernel resulting in a shut-down sequence being initiated. This I am sure was a minor glitch but then again, the cause could have been a lot more sinister.

## ELECTRONIC KEYNOTE

We now have some 40 members who are kindly accepting Keynote by e-mail thus making some significant savings in club expenses. It is anticipated that this trend will continue as more and more of you are able to access the web. Andy, G0JLX, sends them directly to the mail-boxes as .PDF files which reduces the size from an original 2Mbytes plus to about 80K and I understand he is even 'zipping' previous Keynotes to reduce the size even further for those who visit the web-site and wish to download the previous issues. Just about everyone of course has a copy of 'ZIP' with which they can restore the file to its original state but you should be aware that in order to read .PDF files, it is necessary to have a copy of ACROBAT which can be downloaded from the web-site.

A few enquiries arriving here for Andy's e-mail address show that it is listed in the callbook but is incorrect as it stands. Simply substitute 'asel' for 'olivenet' and all will be well.

## RSGB MORSE NET

The following was found in my mail-box from M0CDL.

*Following the success of the RSGB's Morse Campaign events, a regular slow Morse net is planned. The intention is to give new M5 licensees an opportunity to engage in some 'real life' QSOs at a speed of around five words per minute. Additionally, those who have not yet passed their test will be able to listen in and gain useful receiving practice.*

*The first net will take place on the 9th of July between 1030 and 1200 BST, then weekly thereafter, on or around 7,030kHz. Listen out for the special callsigns MORSE and GB5MC. To join the net, wait for the net controller to call "CQ MC" or "QRZ MC", then send a brief reply such as "net controller's callsign de your callsign KN". The net controller will provide ample opportunities for people to join the net, so please resist the temptation to break into an existing contact.*

*72, peter barville "g3xjs@qsl.net"*

Someone seems to be worried about the effect the net will have on QRP operation, located as it is on the QRP calling frequency of 7.030 but there is room HF and as long as respectable receivers are being used, this activity once per week should cause little problem.

## ENVELOPES

I have recently obtained some 8x5 envelopes of a very strong nature and these will be sent to each sub-manager in packs of 500. They were purchased at some 50% of the true price due to being the subject of a failed order but have been held in the warehouse for a very long time so the sub-managers will be struggling a little to release the flaps where they have been partially stuck. It now means that UK members now need only submit stamps and labels to the bureau. Envelopes already submitted will, of course, be used first. The managers will return envelopes at the most advantageous postal rates but if you re-

quire them to be despatched under any other conditions then please mark this clearly on your label i.e. "FIRST 6", "WEEKLY" etc.

## CLASH OF THE TITANS

It was NFD. This event is attracting less and less support each year as many clubs fare the same way as my local Darwen ARS with a persistent loss of CW operators. With the passing of Bill, G2AKK and the domestic position preventing me from operating, we just did not have sufficient operators to constitute a viable team. This time however, there seemed to be a clash of interests with a QRP contest running at the same time and 40m was utter confusion. QRP contestants turned a blind eye to the segment they claim as their own and migrated LF (I heard them calling CQ QRP for this exercise on 7010) in the midst of QRO stations. I fear that on many occasions there were to be heard "Your pwr pse OM?" but frequently enough, the station having collected his 'valueless' number was off in search of more points. A shame really because the band was wall to wall CW and this was a classic case of the left hand not being aware of the functions of its opposite number. Hi..

## POWER MEASUREMENT ON FLEA POWER

Late into the evening, I was running about 7 watts on 14064 (I say 'about' because I do not have any dedicated QRP equipment so turn down the wick on the FT1000MP and rely on the accuracy of the power meter) when I found a very acceptable signal from New Mexico running the same antenna as my-self (3 ele yagi) but some ten feet lower. QSB was pulling him down but at best he was around 549 and boasted 1 watt only. It called for some pretty nifty juggling with shift, bandwidth, EDSP and notch to get solid copy but this was achieved. Encouraged by this, I started to reduce the output by degrees and found I was still readable when the power meter was reading **zero**. I find the Power indicator of my Yaesu FC-902 tuner much more readable than the horizontal scale on the main rig and wonder if there is anyone out there who has found a way of increasing the sensitivity to give a more reliable QRP reading? The lowest scale is just 25w and at the lower end is pretty unreliable. What I could use is an accurate 5w full scale position. Anybody got ideas on this?

## LAST SUNDAY LADDER

Call	Mem	MemTot	NonMem	Prev	Total
G4LHI	13	26	0	171	203
G0MHT	5	10	1	141	152
PA0AFF	8	16	2	117	135
G0AVN	12	24	3	88	115
M5ABN	12	24	0	65	89
G4RBE	8	16	3	65	86
M5AGL	9	18	4	60	82
GM0VIT	1	2	0	74	76
F5NTP	0	0	0	67	67
G0PEH	0	0	0	58	58
GW0SWW	0	0	0	26	26
G0IYZ	0	0	0	23	23
G0BVH	0	0	0	14	14

Hi All = Again only eight entries, other Fists were taking part by giving points. Where have the last five Fists on the ladder gone???. By the comments in the log sheets those participating are enjoying the event. I am always hoping more stns will join in this event if only for a bit of fun and to chat to old and new friends within Fists and may be encourage others to join the happy throng, keep up the enthusiasm. My thanks to all those taking part in their own fashion and enjoy doing so. = 73 to you all and your families wishing you health and happiness... Gerry.

## THE BUREAU AGAIN


Oh come on now. Play the game! I suspect the same members are screwing up the bureau as before but this time, not only with unsorted cards but by ignoring the requirements. Send **CARDS** to **M0AVW** and your **ENVELOPES** to your sub-manager. This works in exactly the same way as the National Bureau; the major difference being that the cards are processed in weeks or even days compared to years. Recognise the requirements and there is no reason whatever why you should not enjoy the same superb service that was evident when G0FRL was running it. The listing is ordered by SUFFIX to save you having to look up first

the prefix and then the suffix. Find the suffix and the associated prefix will not be far away and of course it will be in alphabetic order. The bureau however clearly gains no value from having you sort cards in this manner so **please** sort your cards by PREFIX/SUFFIX. Chuck still keeps labels for the RNARS, RAFARS, RSARS and G-QRP for your convenience. This means that although the intended recipient is not FISTS, it can still be directed to the fastest possible route if he is a member of any of the above. In this event though take especial care that this source is printed CLEARLY on the reverse of your card i.e. M0ZZZ via **RSARS** otherwise, Chuck could easily miss it and probably spend fruitless time searching the list for a non-existent member. The practice of marking your envelopes as '4 of 10' etc can be confusing so I ask the sub-managers to indicate clearly and simply, how many envelopes are left in your stack though as far as I am aware, this is the way they are already operating.

#### EU and others.

I am not unaware of the difficulties which may accompany currency conversion, availability of Euro-cheques etc and I regret that I can find no way of easing the problem. You can of course send UK banknotes or IRCs direct to M0AVW or US dollars or Eurocheques to me for conversion and transfer to Chuck. Ideally, we would have a European chapter including QSL manager on the same basis as the US and ZL/VK chapters which are financially autonomous. This does involve a lot of work for someone and demands a computer plus laser printer and internet access but it would sure go a long way in solving more than one problem. Hi.

Morsum  
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#### MORE ON THE DK0WCY BEACON

Here's some info on the 30m beacon DK0WCY (you mentioned it in the last Keynote) which I meant to include already in my last mail. It just slipped my mind...

Call: DK0WCY

Location: Kiel, North Germany

Transmissions:

80m, 3579kHz, 7-8UTC and 15-18UTC (Summer -1), 30 watts/dipole

30m, 10144kHz, 24h, 30 watts/dipole

Below is a typical session of data (sent every full 5 mins)

INFO 04 JUL 12 UTC KIEL K 5 5 = NEXT EXPECTED KIEL  
K 9 9 = FORECASTS 04 JUL SUNACT ACTIVE MAGFIELD  
MAJOR STORM EXPECTED = 03 JUL R 123 123 FLUX 125  
125 BOULDER A 15 15 = 03 JUL KIEL A 20 20 +

Date and time will of course always be the current ones. Kiel k is the k index as measured at the beacons location, so is the Kiel A index. R is the relative sunspot number, FLUX is the solar flux at the 10cm wavelength. Expressions used for solar activity are:

quiet: less than 50% probability of C-class flares

eruptive: C-class flares expected (more than 50% probability)

active: M-class flares expected

major flares expected: X-class flares expected

proton flares expected: probability higher 50%

warning condition: activity levels expected to increase

nil: end of alert

Expressions used for activity of the magnetic field:

quiet

active conds expected: K>4, A>20

minor storm expected: K>5, A>30

major storm expected: K>6, A>50

severe storm expected: K>7, A>100

magstorm in progress: K>4, A>30

warning condition: activity levels expected to increase

nil: end of warning

For unavailable data the beacon will send NA (not available).

A normal loop in between these 5 minute periods will typically be DK0WCY BEACON plus a carrier or, in the case of Aurora/Strong Aurora, a string of dots.

My thanks to Thomas, DL4OBN, FISTS #6402 for this info.

#### SILENT KEY

Noted in Radcomm (July 00) by Peter, GW4GCB, but no advice at this end is the passing of Dave, **G4EUW** (FISTS 0584). He was the father of Dave G4BSD, who also used to live in Ormskirk. Strangely, it he who encouraged father to become licensed.

Additionally, I was saddened - as I am sure all of you will be - to learn that Louis Varney, **G5RV**, passed away on 28 June and I know that many members of FOC (Louis was a long-standing member) paid their respects at the funeral. To many, this loss will seem like the end of an era given the outstanding prominence he attained in Amateur Radio circles and we would be justified in asking the question "will we ever see his like again?"

#### THE STRAWBERRY BASKET

**GM0ERV.** Hi George, Hope all is well. Tnx for Keynote as usual. Not very active lately, especially in the summer but enjoying my computer. An amateur friend put this machine together for me for the grand sum of £60! Have just emailed Brian W8BL - prompted by your comments in Keynote. Have just had a good holiday in Corfu and also been up to Shetland for 3 days to visit my daughter and family and my 6th grandchild! Also have another one due in Oct. so have had to bring our usual holiday in Rhodes forward slightly because of that - no consideration these children! Glad to hear that you are enjoying your little pooch. I have a friend who has 3 of those and boy - are they noisy! Take care and keep up the good work. 73/88 de Shirley **G3KLF/A45ZN**. 107 Hi George, Just received the news sheet and as usual read it all twice over. My return to UK will be for approximately 3 months in order to escape the rather hot confining summer. Temperatures have been averaging 45c for the past 3 months and don't look like coming down, so I am going to take advantage of the nice cool weather in the UK for the nicest time of the year in Europe. Have not been very active because the bands have been in terrible condition out here and 100 watts into a delta loop doesn't go very far. Have been active on the PSK 31 mode which is good for stations with poor conditions and low power. Hope to work you again on 80 mtrs shortly. Keep up the good work, and yes, little Yorkies can be fun with their quirky ways. I had one when I was stationed at HMS Sea Eagle in Londonderry on the RAF Air Sea Rescue launches and was allowed to take it on board for local trips. All the best from a hot and sunny Muscat. Tony **DL4OBN**. I'm absolutely over the moon - having just worked Dave, **VK3DBD** (G3SCD), FISTS #3756. VK and ZL don't come easily at my QTH. At 16232km from Hannover, DL to Yackandandah nr. Melbourne, that's my absolute distance record. Worked with my TS-570D at 20 watts and my attic-window. Condx must be great these days... ;-) 73 de Thomas, **G0GGU**. Hi George, I hope you and Ivy are well, nice to see Suzy has settled into the family. I hope to be moving into a disabled bungalow soon and I will then be able to make use of my electric wheelchair as I will be at ground level, I hope to be able to get some ariels outside and up in the air and put out a better signal, although I have worked **VK, JA** and **BV4PS** (Fists 5538) with 5watts and a half **G5RV** in the loft!! 73 Steve. **KN2GSJ**. George e-mailed me to say I was his 11th Diamond so far and he is 10 QSOs away from the Rag Chewers award. Likes to work QRP by choking down his FT1000D. "I am not a purist" he says but concedes that it is great fun. FISTS has been responsible for adding a further 8 countries to his tally.

The 'Rag Chewers Award' is local to the US and one of a number issued by Nancy. **G0THX**. Vic picked up his ticket in 1994 and until recently has been QRP. Recently he has been QRO via a TS570 and managed BD, BV, BV9, HS end EP despite lacking a 'decent' aerial and living in Blue Rinse country where 60ft towers are not appreciated. He resorts to concealed antennas and the best one to date is a 12m Vertical suspended by an old Ash tree. **2E0AIZ**. Poor Tom must think I have something against him since this is the second time at least that I have not logged his subs and he has had to remind me. This sort of thing does happen from time to time since no-one is perfect - even me. **G0ELZ**. Bill has recently returned from a trip to Belgium where he met up with Bert and Christi (ON4CBM/ON4CBI) who took him round the sights of Brugge. Super day marred by band conditions which plagued his 20 and 15m activity. Bill threatens to undo the good work of the environmentalists efforts to clean up the Liverpool air because he stocked up on his favourite pipe tobacco at EU prices before returning. Can't say I blame you mate but don't let Gordon Brown hear about this or he'll send the boys round. **G2HKU**. Ted queries the leading 'click' on make when sending cw and also on receiving. Most noticeable when on 40m where adjacent stations produce clicks through the filtering which is absent from his Omni V. Interestingly, he notes that Lowe offered to modify the new 950s they sold which also exhibited this trait. Nothing altruistic about this though as they were quoting £100 for the mod. Hi. Hint for those using the bureau. He has lost two lots of envelopes from the RSGB buro because these were of the 'self seal' variety which became unsealed in the post. This is just one of the reasons why I ceased to use 'self-seal' for Keynote. **G3BMO**. Our Bert has been busy in his workshop cum garage, converting an old KW Ezee-Match Atu into a Tee cct. (coaxial to coaxial) tuner, but says "it's taking me a long time. Hi!" Wonders about QSL cards and Bob's problem. Do we really need to send/receive so many? "I hardly ever ask for one these days, but am willing to send one, even direct, if asked. **G3KTT/M0BHS**. As noted earlier he secured the agreement of the widow of G3KTT to adopt the call and she graciously conceded that "it is what he would have wanted". **IK2RMZ**. Martin has a cartoon character on his DL1GBZ QSL card; a spotty figure behind bars with the label CONTEST below which is a heading of 'Guilty of' with a list of misdemeanours including: 'Ruthless on air'. 'Running beyond legal power'. 'Storing 599 in the keyer'. 'Sending in falsified logs'. 'Ignoring TVI complaints'. 'Ridiculous ambition' and 'Never answering contest QSLs'. **G3KEF**. Our Tom has splashed out and bought himself a FT1000MP. You've got some work to do yet programming it Tom but it is worth the time. **G3UAA**. Glad we managed to sort out the 'knofuzion' on those listed calls Alf. Found Keith, G3KYF signing 5B4 who was hoping to make another appearance on the bands from the Limassol club. I took a shufti mate but couldn't find him. **ON4LR**. Hi Frans. 'Stout' envelope means to be strong!

## G3TUX

### The QRP Component Company

Stockists of Keys (Bencher, DK1WE, Jones, Kent Schurr and the Swedish pump) also agent for the Samson series of electronic keys.

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### EUCW CONTEST

As was mentioned in earlier issues, member clubs of the EUCW are encouraged to host a contest which would be open to all EUCW clubs. Tony, G4FAI has agreed to structure a QRS contest but we cannot load too much onto the back of a willing horse and we need someone (preferably but not necessarily with experience) to take on the post of Contest Manager. It would be nice if we could make it a regular event as it would encourage other EUCW clubs to pitch in but this question will be addressed later. Cruise round the bands most weekends and you will hear

contest stations QRQ. This does nothing at all to encourage recent licensees to use the mode. Pse LMK.

## G4ZPY

### KEYS AND PADDLES

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Tel: 01704-884299

e-mail: g4zpy@lineone.net

<http://website.lineone.net/-gzpy/index.htm>

### STAMPS REQUIRED

Chuck (M0AVW) has QSL cards for the following members but as yet no stamps:

EA1APA 18, SVIDLS 19, LZ1CY 36, F5NTP 12, 9A5I 15, PP6CW 28, JA2AJA 33, JA1CPZ 18, and quite a few with 4 and 5 cards. Reference to your last package will offer a guide as to how much postage will be required.

### MISSING ALT CALL

Think I have got just about all the alternative calls sorted here except for G3RCW. Think it is the Derby ARS but I do not have a cross reference here. Any-one help?

Just a reminder re. those alternatives, **point to your primary call please**. Members working such calls, please identify the operator and ensure that there is reference on your QSL card i.e. GX0IPX/P via G3HZL.

### ATTENTION ALL M0A's

Since Chuck is sub-manager for the RSGB M0A series, please mark you envelopes 'FISTS' so that he can differentiate.

### DIGITAL LISTINGS

Andy, G0JLX, has kindly made current listings available in a number of formats at the HQ website. I previously attempted to have the hard copy listings produced in Acrobat format but due to font size etc., this was unsuccessful. However, I have recently re-written the programme that allowed me to print hard copy using three instead of four columns and it is available as a 73K .PDF file from the web-site. You could of course simply browse the pages as you would do with hard copy but using Acrobat's search facility, it is much more convenient. Set the search for either a whole string i.e. AD0A or a partial string i.e. D0A if you are really having that much trouble with your keyboard. Hi.

This file is not intended to replace the tables published by Andy as these are frequently used to 'salt' a logging programme but rather as a convenient alternative for those who do not use other means of finding member information.

### NEW MEMBERS

Thankfully another brief list this month 'cos am running out of space.

7176	G0EFG	Brian	7177	G4AVN	Noel
7178	JK7UST	Hiro	7179	G0AKX	Irere
7180	G3VGR	Dave	7181	HL5AP	Cho
7182	G4IOT	Tony	7183	G0UBO	Ernie
7184	M0CHL	David	7185	M0JWA	John
7186	M0AVN	Alan	7187	G4BXQ	Alan
7188	G4BKQ	Roy			

### FINALE

Another tight squeeze friends and I still have a couple of photographs to fit in some time. Have a nice month and it is hoped that at some time, you may be able to find a workable band somewhere without a daytime S9 plus noise level. Yes, conditions have sure been the pits during the last part of July. 73/88 and stay sober.

Geo