

International Morse Preservation Society



KEY NOTE



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E-Mail: fist1@compuserve.com

FISTS (EU) WEB SITE <http://www.asel.demon.co.uk/fists-hq/>

OFFICES

QSL Manager: M0AVW

32 Woodford Walk, Harewood Park, TS17 0LT

AWARDS MANAGER: G0FRL

12 Cavenham Grove, BOLTON, BL1 4UA

PRO: G4YLB. J.A. Welsh

3 Minster Cresc, DARWEN, BB3 3PY

CONTEST MANAGER: GM4BAE

Northbrae, Brookfield Cresc, STRANRAER, DG9 0HY

Chairman

Vice Chairman

QSL Manager

Awards mgr

P.R.O.

Rally Coordinator

Secretary

Committee

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.

All outgoing QSLs to M0AVW (address above).

All UK members send stamps and labels (no envelopes necessary) to the appropriate sub-manager as below:

M or 2 calls (Except for Wales) M0AYI. 7 Tynedale Terrace, Annfield Plain, STANLEY, DH9 7TZ.

G0, GM0 etc (Except GW0). G3JRY. 3 Rochford Cresc, BOSTON, PE21 9AE

G3, GM3 etc (except GW3). G0UQF. 2 East St, Darfield, BARNESLEY, S73 9AE.

G4, GM4 etc (Except GW4). M5AAQ. 491a New Ashby Rd, LOUGHBOROUGH, LE11 4EU.

G2, G5, G6, G8 (Except for Wales) and **ALL** special (GB etc) calls 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 or UK Banknotes to M0AVW. Eurocheques, Girocheques or \$US bills to HQ. Club will provide envelopes.

GREETINGS

Following the publication of last months newsletter, panic stations were the order of the day here at 119. The printer threw a wobbly and was causing serious problems. A direct replacement (type for type) would be expensive - somewhere in the region of £1,200 plus - and although there is sufficient cash in the funds to purchase such a replacement and the machine itself is now several years out of date, I would dearly love to get one of the new A3 lasers which can do up to 27 ppm and also have the ability to print both sides of a sheet at the same time but a service engineer was found locally and he has fixed up the printer (all it needed was a new soft rubber drive, a sheet separator pad and a general overhaul) to be back in service for about £50.00. I shall however keep an eye on things and if the time should come when we can afford to purchase one of the new breed of lasers without making too significant a dent in the available funds then I will do this. The current machine is a HP4V which has a perfectly acceptable 600x600 dpi resolution though the newer breed seems to be offering 1200x1200 as standard. Why can't I use an inkjet? Well basically, the laser is used among other things to produce the paper plate necessary for presenting to the offset printer with which I print the news letter. An inkjet is unsuitable for this job. For a couple of weeks, there was hesitancy about churning out listings and other matter

because of the severe unreliability of the feeding system. Those that were printed meant standing there releasing each sheet in readiness to be fed and, if there was a paper jam, ditching one of the two identical copies that the machine produced. A pain in the pancreas and no mistake. Hi. It was because of this failing that I accidentally printed a number of sheets of labels each giving 24 labels to the same address. I spotted the error of course and as far as I am aware, only one member received 24 newsletters. Ooops!

You will be aware I am sure that Bob, G0FRL, is happy to include a QRP endorsement for awards attained using 100% QRP. This is as far as we can go however without actually building a new template and living with the problem of keeping the certificate numbers up-dated on both of them.

Sorry but I am still having to stop what I am doing in order to undertake detective work. Please include your **CALLSIGN** with subs or other correspondence. Your number may reinforce your identity but all indexes are in Callsign order.

Seem to be doing nothing but moan up to now for which I apologise but bureau information in particular needs to be clarified. A great deal of work can be avoided if members adhere to the system outlined.

Frequently enough, I need both hands free for the keyboard and it is for this reason that I opted for a speaker phone in the shack. There is a small problem with this though and that problem is called Suzy. She can live with the idea of me speaking to someone on the phone but when I do not have the handset to my ear, odd things must go through her tiny brain. Many members who have rung me on occasions can confirm that if I am sat at the computer and hence using the speaker phone, Suzy makes her presence known in no uncertain terms and to the tune of many dB. A sharp "Suzy - shutup" will often suffice but believe me, if she is intent upon answering a call of nature this directive is of no significance at all and I simply have to get up and open the door. Ah well! guess it's not such a big deal. hi.

RE G3RCW

We got into a bit of a tizzy with this one since there was no cross reference. I have however received a written indication from Tom, G3DKN, that he has forwarded envelopes to the G3 sub-manager for both himself and G3RCW. I understand there are a couple of members at least who are likely to operate the call but the business of cross referring on QSLs is not now as important because of the envelopes lodged. However, rather than make this an exception to a rule, would all members using the call G3RCW please advise their own callsign when contacting as with all other alternative calls.

OUTGOING QSL CARDS

Think most have got the message but just a few are involving us in unnecessary postage. All outgoing QSL cards should be sent to Chuck, M0AVW; address as on the banner.

STRAIGHT KEY WEEK

Should really have mentioned this last month but as usual, the mind was cluttered with other things. The straight key week will commence at 0001 on Sunday, Sept 10 and finish at 2359 the following Saturday. Remember, this is more of a social occa

sion than a contest and rag-chewing is encouraged. For those members who find it impossible or just downright uncomfortable to use a straight key, set your keyer at an appropriate speed and hand out points to those taking part though of course, it will be accepted that you will not be submitting logs.

Call CQ SKW. Format: RST/NAME/FISTS NUMBER/DAY i.e. 579/BILL/9999/3 where day (3) is Tuesday, Sunday being day one.

All logs to Gerry, GM4BAE before the end of the month and don't forget your nomination for **Key of the Year**. This does not have to be a FISTS member by the way.

STAMPS + LABELS REQUIRED (GW)

Bill, GW0SGG has QSLs for some 12 GW, MnW etc members waiting provision of stamps and labels. Same thing goes for M5AAQ and it is likely that the other sub-managers are also holding QSLs with no accompanying stamps/labels.

ADDRESSES

Chuck is getting queries re Harewood Park and why do we not include Thornaby-on-Tees in the address. Well in fact, both Harewood Park and Thornaby are redundant. Your local sorting office looks for the postcode and sees "TS". It goes into the bag for Tees-side without even looking at any further information. From the Tees-Side office, it is sorted to Thornaby (TS17) where the sorting office looks for the second part of the postcode which is 0LT. The letter is dumped into the bag for Harewood Park (0LT) which places it within 10sq metres of the target address and from there, the local postman sorts it to 32 Woodford in his round. No sweat and it's more efficient than the FISTS bureau. Hi. In point of fact, letters addressed to "119 BB3 2LZ" will arrive directly through my letter box just as quickly if not quicker than the full address because only the relevant information has to be read..

SPECIAL CALLS

Chuck has come to an arrangement with Robert, M0BPT, that in addition to the oddball prefixes (G2,G5, G6 etc.) he will handle GB and GX and other special calls.

Previously, you will have been asked to submit stamps and labels for these calls to your favoured address and these will still stand so no need to update.

Simply send stamps and labels to Robert for the special call and of course, your own address on the labels.

This does not absolve you from passing a cross reference. If you are working GB73ZQS on Jan 20 (the 73rd birthday of G3ZQS and I'm sure there will be dozens of stations active for this occasion hi) then identify yourself to FISTS members with your own call so that this can be included on any QSL cards coming your way.

Incidentally, for the first month of operating, Chuck has handled 2640 cards with postings to M0BPT (29), M5AAQ (198), GW0SGG (55), G3JRY (389), G0UQF (232) and M0AYI (237). The remainder being taken up with in/out from the US and ZL bureaux.

DIAMOND HOLDERS

The latest list from Bob (G0FRL) shows:

AC6TO, GX0IPX, VA3JJ, KA4IFF N4ZMP
W8BL, N8UDI, AF9H, AI9L, WB2FXK, SV1DLS, N3RSD
G3ZQS, W8III, G4LHI, WA1GAG, W4BX, VE5RD, N4GM
K4UK, WD8OCV, W6DDB, N4VEF, PP6CW, ZL1BSG
WA9PWP, WB2HEK, W3BM, 9A5I, K2SB, NB2T, K8HBI
KW7D, LZ1CY, W9YQ, W2HDW, WA6RND, K8JP, A5EA
All good news for those of you chasing the millenium award and the list is certainly growing.

QRS CONTEST AND EUCW

So far I have received only one enquiry regarding a contest manager for this event and from the ensuing conversation, gained the impression that there was rather more to it than the member suspected. Oh come on now people. We have over 1,100 members within UK/EU - surely out of that lot someone would be prepared to put a little something back into the hobby which has provided you with so much pleasure?

It is after all only an annual event and not one which will place too many demands on your time.

STICKY FINGERS - AGAIN

Sri people. My typing fingers seem to be worsening. The S/K reported last month was G4EUW not G4UEW.

Thank you Peter, GW4GCB for pointing this out.

ESPERANTO

I hooked up with Wolf, DL1CC again with his special call DF0ESP and learned that he had recently returned from the Esperanto world congress in Tel Aviv.

From 11 Sept, he will be signing SO3AB for a couple of weeks with activity probably concentrated on 15m. I trust he will remember to issue a cross reference when working members.

HobbyTrade's Services

HobbyTech

Interactive advice or information on radio related subjects.

HobbyAds

Free private and commercial ads until further notice.

HobbyViews

See our dealer price comparison chart for new rigs.

HobbyWatch

Actively promotes your advert to other interested users.

HobbyLink

Links to software downloads and other useful radio related sites.

Please visit www.hobbytrade.co.uk
to see these and many other services.

NEW SERVICE

The above is from G0VSS (Ray) so I had a quick shift at the early pages. Not having been up and running too long, there were no personal ads to view but the dealers comparison was up and running and expect as the site gets to be generally known, there will be more stuff coming in to up-date it.

Quite easy to navigate but you need to click 'BACK' due to an absence of a 'RETURN TO TITLE PAGE' HTML link but doubtless this will be corrected in due course.

OTHER SITES

AGCW: www.qsl.net/agcw

FISTS (EU): www.asel.demon.co.uk/fists-hq/

FISTS (US): www.FISTS.org

FOC: www.home3.inet.tele.dk/rene/email/email.html

G0HGA: www.qsl.net/g0hga

G0RDO: www.morsecode.freemove.co.uk

G0TBD: www.skywave.thersgb.net/

GEORGIA: www.qsl.net/nc4cw

LIVERPOOL: www.wkweb5.cableinet.co.uk/jonesy/Radio.htm

USS PAMPINO: www.members.home.net/k6df

?: www.observe.ivv.nasa.gov

?: dbarlow@enterprise.net

?: www.chem.hawaii.edu/uham

GX0IPX

There has been some confusion concerning the FISTS number from the HQ station. Originally it was not envisaged that bonus points would be offered for club stations and for that reason, GX0IPX carried the same number as the operator. In order to bring HQ into line with other club stations, the number 0001 has been allocated and a hitherto unbroken rule that numbers will not be re-cycled has been broken. Instead of 0001 I have adopted number 0002 (ex G2AKK) so that members operating GX0IPX/P can now issue FISTS 1 instead of their own number. Hope this has helped to clarify what had previously been a confusing situation. Please note however that we are not prepared to re-issue numbers without exceptional reason. For the immediate future, Bob will recognise odd-ball numbers for GX0IPX/P so this change will not invalidate your claims.

WHO WANTS TO LEARN THE CODE?

Learning the code has many pitfalls - like memorizing those little dit-dah charts! The best way (take it from someone who has tried every WRONG method around) is probably the Koch method - start off at 20-wpm. That way there is no learning plateau at 10-wpm like most methods that start you off at 5-wpm (that should be outlawed!) Martin Minow - K6MAM - has written a program that helps learn the code using the Kock method with

a computer, and it is totally FREE! After I first saw his original version of the program I contacted him and explained that I was trying to help a YL that had suffered a closed-head injury and she had a blank spot in her hearing at certain frequencies - that is when he posted his April 19 version where you can change the pitch - about 2 days after I contacted him! Try to get Microsoft to give you an answer about a bug in their program within 48-hours - much less make a revision to the program and post it! You can run it as a Java Applet on-line, or download it and run it as a local application (it's not really easy to get installed and running as an application, but it is WELL worth the effort!). You can find this program at: <http://homepage.mac.com/k6mam/KD5BBC/FIST#4964>

ZIPPY RECOVERING

It was rather a roundabout route but from Joop, P43JB, I learn that Gordon, G4ZPY, has undergone an operation (no details) and is now recovering at home.

PERMANENT CAVE FOR NOMAD

Nigel, G4IIK, has moved to a permanent address though for the moment, with less than ideal antennas. Hitherto, he spent most of his operating time as /mobile whilst exercising his dogs and selling pegs. so it is hoped that he may be somewhat more prominent from now on.

THAT ELUSIVE DIAMOND

I was delighted to learn from Bob, G0FRL that he had issued a diamond award to AA5EA with a 100% QRP endorsement. This is no mean achievement by any standards and whilst FISTS numbers are thicker on the ground over the pond, doing the whole kaboodle with flea power sends a very serious message to those QRO and complaining of low activity. Well done Wallace.

OBS FROM G3JRY

'Don't forget to make a sign for your shack, prominently displaying your CC and Diamond numbers. Perhaps it would be a good idea to let Don have them too. When I asked him a few weeks ago, he was unable to supply either. Awards are not difficult to achieve in FISTS, particularly when one doesn't have to produce QSL cards to confirm contacts. However, all points used to claim an award, should be based on a valid QSO consisting of (as a basic minimum) a two way exchange of Sig Rprt./Name/QTH/Fists Nr.

In my capacity as a QSL Bureau manager, I recently had a bunch of cards (which should have gone to Chuck) that really were an eye opener. They were almost all for stateside QSO's worth two points apiece. Virtually every one had a comment saying that, due to conditions a certain element (or elements) had been missed. Comments such as "Sri OM conditions vvy poor missed your name" or, "Deep QSB didn't catch your QTH and Nr." and such like appeared on the majority of the cards. They were not all in one block showing a pocket of poor condx on one day, but were all individual QSO's on different dates and times. So, it was basically down to poor operating and a determination to claim points/collect DX QSL Cards come what may. I am sure this is not a general trend but it is certainly not observing the true "spirit" of things. Or am I just too old fashioned ??
73 de Selwyn

The earlier comment was referencing the fact that my CC and Diamond number had completely fled my poor empty head. Well I did tell you my memory was getting worse didn't I? I now spend the first 30 minutes in bed reciting those two key numbers before I finally drop off. Hi.

PROGRAMMES AVAILABLE

A reminder to those of you QRV on the web and visiting the EU web-site that Andy, G0JLX has made certain important programmes available for downloading.

The first is WINZIP 6.2 (a very recent version) which is intended for compressing or unpacking zipped (compressed) files from Windows 95/98. Also, PKZIP and PKUNZIP which are the DOS versions of the same utility for anyone (is there really anyone I ask) who is not running WIN95 or WIN98

A link is also available to download ACROBAT, the reader which is necessary to read Keynote which is in PDF format. He is currently offering the last 3 issues on the site.

QSO SPOILER

The character below is 2-year old Eric and is the prime cause of reduced activity on the part of Martin, IK2RMZ.



THE LS-LADDER - INFO

One or two members are not up to speed with the ladder and asked for more information.

Well, basically we are half way through the period but of course, attendance would be appreciated even if it is not intended to make claims.

QRG: 80 through 10 Mtrs
1400-1530 utc
1900-2030 utc

QSO Format: RST, Name, QTH, Ser No/Month
Serial No is 001 at start of each period
Logs to GM4BAE.

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 keyers.

Used keys of all types bought and sold

SAE/IRC for prices/data
PO Box 88, HASLEMERE, GU27 2RF
Phone 01428-661501 FAX 01428-66795

NEW MEMBERS

7189	HA5AJ	Zhi	7190	IZ1CQN	Enzo
7191	IZ5ASW	Claudio	7192	G0HYP	Ken
7193	G0DTR	Ian	7194	M1ETJ	Iain
7195	GW3RVG	Don	7196	MW0CVT	Robert
7197	M5AJF	Dave	7198	F5JZZ	Claude
7199	EL2AI	Jim	7701	M0CMQ	Mark
7702	OZ1KW	Niels	7703	M5ACD	Gordon

The US gang sprang from the 7200 to the 7600 series hence the split from 7199 to 7701 and yes.. before I get letters to the Times about this, I know I missed 7700 but that will be corrected with the next application. Well.. whadya expect from a 72 year old class III idiot??

THE STRAWBERRY BASKET

G4LHI. Birthdays due (Jeans August and Peter's September) so Son arranged for them to go to Northampton for a Hot Air Balloon trip. *'it was fantastic, and I managed to work simplex on 2m back to Huntingdon and VA repeater to Oxford to my daughter and son in law G0VBG/G0VBH, not bad, but with a 2000 ft rubber duck I guess it should have been a good path hi'* Now then Peter, I've always fancied a sky-hook of that nature

but instead of a lot of nothingfulness below, #8 copper wire gamma matched would be ideal. **M5AAQ**. In the process of moving house (only a few miles away) but it is like a game of musical chairs. Jims letter had me reaching for the aspirins before I had finished with Jim moving temporarily to B until C was available and a third party involved somewhere Ooooooh my head! **GM3KHH**. Hi Bill es QSL subs re our UA friend. **VMT**. **G3WP**. Our Jack is getting a bit miffed about the shinnanigans on the bands recently. The attitude it would seem is 'If I can't work him then no-one will'. FR/F6 was sat upon with an S9 carrier and an unidentified DX (the cause of a pile-up) found himself in company with a lid sending a stream of dots with a frequency variation. XYL took a tumble and bust a rib which put her in dry dock for a couple of weeks and the attention required has curtailed Jacks operating somewhat. **G3KEF**. 'WOTTA MACHINE' quotes Tom who got his nose into the FT1000MP manual and programmed the system to his liking. They don't come much better mate. Hi. **G0BXV**. Our Dave reckons he has seen more of his doctor in the past few months than he has in the previous 20 years. Welcome to the diabetes club matey though I confess that I have never actually had your problem. If you can control the BSL with tablets then that's fine and I sure hope your plumber can sort out the blood pressure. **G3MCK**. Thank you for the schematic Gerald. I did have visions of an extra switch position and shunts in the FC902 but, as you say, an external gismo ahead of the ATU works well enough and of course, it gives me something to play with at some future date when I have the courage to open the ATU case and add the values you mention. A small box is now in line with the ATU but it is bypassed unless a pushbutton 2/pole is pressed so the fear of leaving it in circuit has been circumvented. Hi. **M0BTG**. Gill was screaming out for GX0IPX but was lost in the noise. It was later when I heard her signing /M and although things were still a little rough (some lid was frying bacon at S9 plus at this end) it was a fair QSO. At the time she gave her QTH as Dornoch (wonder if the residents could be described as Dornochers?) running a TS5700 with 50W to a Comet whip. She will be QRV again in October from both Wales and Scotland.

G4ZPY

KEYS AND PADDLES

All items hand-crafted with the skill of a trained engineer. Also miniature versions which are much acclaimed throughout the world.

SAE/IRC TO:

41 Mill Dam Lane, Burscough, ORMSKIRK, L40 7TG

Tel: 01704-884299

e-mail: g4zpy@lineone.net

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

HOW D'YA HEAR ME?

I once uncovered a very interesting article titled 'The Way We Listen' in which the move from mechanical reading of the code (as per Morse and Vail) to the notion that decoding the information was done possibly most efficiently by the human brain/ears was accepted. Bear in mind that this also applies to speech. It still has to be 'decoded' on the fly and the processes involved in this seemingly involuntary mental manipulation of data streams remains even today a mystery worthy of Agatha Christie. The cocktail party problem where a large number of people are involved in conversation should make it impossible to converse with someone in the immediate vicinity. The mere fact that this is not so drags all sorts of monsters out of the cupboards of those who profess to understand. When looked at in terms of radio where a number of different signals could be present in the perceived audio band pass, the mechanics involved in concentrating on one (possibly weaker) source to the exclusion of others which remain within the audio span is utterly baffling. However, we do this and we do it exceptionally well so any move towards subduing the unwanted signals is a bonus. I have mentioned before that the choice of 750 to 800Hz as the 'norm' for CW reception is open to question and I consider myself very fortunate to own a FT1000MP because peak filter conditions will follow the chosen pitch. It is horses for courses and whilst

800Hz would normally be satisfactory, certain conditions mean that decreasing or increasing this pays dividends. 300Hz with the notch set high or 1050Hz with the notch set low offer environments which can either be advantageous or otherwise. The ability to switch between USB and LSB without affecting the TX frequency is also an advantage as is the IF shift. We may be quite a long way off the ultimate 'digital' receiver where signals even at RF level are sampled at extremely high rates and processed in the same way that audio is now processed via a DSP but varying the receiver environment according to conditions is worth the effort.

LAST SUNDAY LADDER

Callsign	Mem	Mem	Total	NonMem	Prev	Total
G4LHI	12	24		0	203	227
G0MRH	5	10		2	152	166
G0ANV	21	42		1	115	158
PA3AFF	9	18		3	135	156
M5ABN	14	28		2	89	119
M5AGL	12	24		0	82	106
G4RBE	5	10		0	86	96
GM0VIT	9	18		0	76	94
F5NTP	0	0		0	88	88
G0PEH	2	4		7	66	77
GW0SGG	0	0		0	26	26
G0IYZ	0	0		0	23	23
MOBHE	0	0		0	23	23
G0VBH	0	0		0	14	14

Hi George = Hope all is well with you down there. These are the Ladder Results for July 2k.

I am a bit later in sending these results, firstly last month a couple of logs were late in reaching me. I try to evaluate the second weekend after the event date e.g Event was on Sun 30th July and I would normally have evaluated by Sun 13th August. Secondly I appear to have had a mental breakdown last month both in printing wrong call-letters and entries. My confidence is now somewhat shattered, so to those who I confused I am sorry and sure that this month is now back corrected and hopefully as it should be. Any problems and I can be contacted at: gm.maxwell@cwcom.net.

Wishing all participant best and thanks for the good wishes regarding my health, it is slowly coming back to normality whatever that is! = 73 Gerry

THE LISTINGS AND LAPSED MBRS

Over in the US, there is a small group of lapsed members who consider that they should be permitted to chase FISTS and quote their (now lapsed) number. **No way!** I clarified the situation with Nancy after an e-mail msg:

I am getting a lot of whiners (well two or three very loud ones!) who say they don't want the KN because they travel and don't get mail regularly, and they don't want to earn awards, so they don't want to pay dues. They find it insulting that they are not on the list because people ask them about it when they have a QSO. I've been telling them to pay their subs and we'll put them back on the active list. Geesh!!

Be aware also that a number of East EU stations have been known to quote fictitious FISTS numbers.

FINALE

Ivy is now 76 years old and thus entitled to the concessionary TV licence in October. About 3 weeks ago an envelope arrived bearing an invitation in bold type to "OPEN IMMEDIATELY". It was consigned to the waste paper pile unopened as junk mail and before asking my Son to dispose of the pile, I angrily ripped it open out of curiosity. It was an application for the aforementioned licence. I wonder how many have gone unanswered because of this?

To all those budding greyhounds out there; please remember we all have to start somewhere and "SRI NO QRS" gives us a very bad image. No names - no pack drill!

Thank you for your continued support people and especially for encouraging others to join us. Nancy and Ralph both have growing lists as indeed do we (the UK/EU chapter).

73/88 and now that conditions are becoming a little more tolerable, I hope to hear more of you on the bands.

Stay sober de Geo