



PRESIDENT: Rosemary Naylor, 256 Bacup Road, TODMORDEN, Lancashire OL14 7HJ

Tel: 0706 817767

TREASURER: Alan Drummond, 27 York Road, CRAWLEY, West Sussex. RH10 5JS

SECRETARY: Christine Sheldon, "Whitehaven", Maytree Road, Lower Moor, PERSHORE,
Worcs WR10 2NY Tel: 0386 860202

EDITOR: Ken Sheldon, "Whitehaven", Maytree Road, Lower Moor, PERSHORE,
Worcs WR10 2NY. Tel: 0386 860202

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Federation of Astronomical Societies

FAS AGM & CONVENTION

To be held on Saturday 2nd of May
at 11.30 a.m.

in the Herbert Lecture Theatre, Coventry

Doors open 9.30 a.m.

The Convention follows.

Lectures start at 2.00 p.m.

Speakers are

Prof Peter Wilmore of Birmingham Univ

"Any Old Iron"

Dr Brin Cooke of Leicester Univ

"An X-ray Insight into Gamma Ray Bursters"
and

Dr Rodney Buckland of Brunel Univ

"The UK Space opportunities in Education"

**Entrance £3.50 Tickets bookable in
advance from**

**Alan Drummond, 27 York Road, Crawley,
West Sussex, RH10 5JS**

Don't forget that Societies sending 6 or more
members get free membership of the FAS
for one year.

Minutes of the 1991 AGM have been sent to
your Secretary in this mailing.

SUMMER CONVENTION

to be held at

JUDGE MEADOWS COMMUNITY COLLEGE

Marydene Drive

EVINGTON

Leicester

(off B667)

Speakers to include

Prof Ken Pounds of Leicester U.

"Future Prospects for UK Astronomy"

Prof Peter Wilmore of Birmingham U.

"ROSAT"

Dr Alan Mills of Leicester U.

"ISAAC NEWTON'S SUNDIALS"

Peter Rea

"APOLLO - This New Ocean"

plus one other speaker from Leicester U.

There are few nearby eating houses. Please

bring your own food or book the

Ploughman's Lunch £2-50p

(must be ordered in advance)

Adequate Car Parking on site

Tickets are £3.50 for FAS members.

Please book through

**Alan Drummond, 27 York Road, CRAWLEY,
West Sussex, RH10 5JS**

A map will be sent on booking.

OFFICERS REPORTS

REPORT OF THE PRESIDENT

You may remember at the last Council Elections, at last year's AGM, the work of the Council was streamlined to improve efficiency. This has meant more work for Chris and Ken Sheldon, but has had the desired effect. We propose to continue along the same lines.

Thanks are due both to these two Council members and to all others on the Council for their continued support throughout the year.

You will find them listed on page 29 of the 1992 Handbook. Thanks too to those behind the scenes worker, Mike Maunders for work on slide production, Pam Chick and Dave Powell for work on material for the Handbook and Bob Owens for production of the Astrocalendar.

We aim to improve and increase the range of FAS publications as a service to members, and hopefully, as a means of income from outside the Federation. This all helps to promote the respect already enjoyed by our organisation.

This will be my last Presidential report, but not the end of my work with the FAS. I hope to continue to serve, if elected, in some capacity which does not conflict with my need to earn an income from selling books at FAS and other conventions.

I would like to recommend to you a former Council member, Tony Balfour as the Presidential candidate for the forthcoming session. Please give him your votes.

Mrs Rosemary Naylor

1991/2 has been just as busy as ever, I have received and answered 139 letters, I have produced and sent out 6 Council Newsletters and have also kept in touch with other members of Council and with Society Secretaries if necessary by telephone. I have filled in several forms requesting information about the FAS for Directories of Astronomical Organisations and have had pleas for help from Singapore, Spain, Brazil and Argentina and a request for a Handbook from America. Although there was no NAW to bring a flood of requests about local Societies there has been a trickle of enquiries. Schoolchildren write for help with their projects and I answer them as helpfully as I can, generally pointing out the value of books, encyclopedias and magazines as well as setting them on the right track. If I think a local Society can help I give them the Secretary's name and address. I have again enjoyed attending all the FAS conventions. In August the Editor and I represented the FAS at NASS in Birmingham. We talked to a lot of people, collected information about Societies first-hand, and sold slides. It is an interesting post and I am happy to continue in it for another year.

Christine Sheldon EDITOR'S REPORT

We have published three newsletters and sent out two flyers during the year. The Handbook was produced in November and contained three articles from members - one on Standing Stones by Richard Roberts of Swansea AS and one by Ian Downie of Scottish Astronomers. Postage costs have continued to rise and this is a major factor in production of newsletters and their distribution. We hope to increase the number of newsletters as the means of spreading information and a couple of small handbooks on constructional topics are under consideration.

One of the interesting but extremely time consuming features of this job is reading something like 250 newsletters in the course of a year - one lands on the doormat most mornings - please keep them coming. I must thank Chris for her help in getting the material together.

Ken Sheldon

NOMINATIONS FOR COUNCIL

All posts become vacant. These are listed below. The Treasurer, Secretary, Events Organiser, Education Secretary, Assistant Secretary and Editor are prepared to continue if re-elected.

The following nominations have been made by council for the Session 1992-1993

PRESIDENT	Tony Balfour
SECRETARY	Christine Sheldon
TREASURER	Alan Drummond
MEETINGS ORGANISER	Paul Money
EDUCATION SEC.	Eric Zucker
PUBLICITY	Rosemary Naylor
ASSISTANT SEC.	Tony Ireland
EDITOR	Ken Sheldon

These posts are all open to nominations from the floor of the meeting. However if you wish to nominate someone please have a seconder and make sure that the person nominated wishes to stand.

SOCIETY NEWS ROUND-UP

Ed. I am including meeting details where available and hope that you will go along if you are in the area where one is happening.

I haven't mentioned many reports of the November Aurora - almost every newsletter had one! You could have done a triangulation on the bright meteorite at 2256UT from the different directions in which it was reported - 'in Orion', 'in Cygnus', 'just inside bowl of Plough' etc.

AS OF HARINGEY Meet third Wednesday of the month at Alexandra Palace Palm Court at 8 p.m. Contact Wally Baker on 081 888 6528 for details of programme. What a feast for the members of ASH when at their November meeting they had two superb talks - one by Allan Chapman on 'William Herschel' followed by Peter King on 'Life in the Universe'. The Post Office has to be thanked for that, having lost a letter. The Society survived what to me sounded like a very hectic AGM. It looks as though they will have a busy year. A new Editor has produced a new look.

AYLESBURY AS Meet on first Monday of month at the Observatory. Contact Peter Biswell on 0296 85125. The winter season has been blighted by the death of Chairman Peter Edwards. The Society has been carrying on its business normally but like many other societies observing nights have not been beset by still transparent skies. The programme has included a Quiz, 'Wolf-Rayet Stars' by Mike Tate, 'Olbers' by John Folkes, 'Meteorites' by Kevin Williams, Paul Atkins on 'Computers in Amateur Astronomy' and finally Dr Allan Chapman on the 6th of April on 'William Lassell' Might be worth a trip to Aylesbury.

BEDFORD AS Meet on the last Tuesday of the month at Bedford School at 7.30 p.m. Contact Dave Eagle on 02302 5256 for more details. The informative and nicely produced newsletter contains useful star and planet data plus lots of Space information from Steve Breen G7HZQ. Date for your diary November 24th when Allan Chapman is talking to the Society.

BRIDGEND AS For more details of meetings contact Keith Clark on 0656 664274. An active society with a Newsletter that seems to have pathways to information that beat mine - must be a starlink! Although not a large society by some standards the telescope count is in the order of 12 largish telescopes (17½" the biggest) plus lots of sub-3" models. Bridgend were the first recorded Society to persuade a super-market (Tesco's) to switch off the car park lights.

COTSWOLD AS Meet on the last Saturday of the month at 8pm at Church House Painswick Road Cheltenham. Contact Trevor Talbot on 0386 881595 for more details. The highlights of the winter programme have been the post-Aurora meeting at the end of November, John Rock on "CCD Imagers" and a telescope evening. The Tenth Anniversary Dinner had Dr Allan Chapman as the guest speaker.

CRAWLEY AS Meet on first and third Thursdays of the month at Ifield Community Centre at 7.30 p.m. Contact Andrew Dale on 0403 56932. Speakers in the last few months have included Alan Drummond on his Eclipse Trip, Neil Morrison on 'Using Star Charts and Atlases' and 'Planetary Observing', Storm Dunlop on 'Observational Astronomy' and Denis Maiden on '20th Century Astronomers'. The cover of the December Magazine was very eye-catching Orion Nebula.

CAMBRIDGE AA Meet the third Friday of the month at 8 p.m. in The Friend's Meeting House. They also hold regular practical and observing evenings on Mondays and meetings for juniors on Saturday mornings. Contact Rod Greening on 0763 838194 for details of meetings. Speakers have included Prof Alec Boksenberg of the RGO talking on 'From the Edge of the Universe', Prof Lynden-Bell on 'Galaxies' and Dr Paul Alexander on 'Formation of stars in Galaxies'. Lots of other activities too, some of them social. Brilliant covers to their useful newsletters.

CRAYFORD MANOR HOUSE AS Contact Roger Pickard on 0322 521643 for details and times of meetings. I had a comprehensive report from Crayford which included the following items. The Society hosted the Centenary Meeting of the BAA Variable Star Section in October. Amateurs and professionals from many European nations attended. A banquet was held on the Saturday. Jean Felles provided Buffet meals during the conference. Roger Pickard won a prize from the work he has done in Photoelectric Photometry in the Pro-Am programme. CMHAS are the custodian for the Hewitt Camera Archive and a plate measuring machine. John Howarth is responsible for these and won a prize for his work on W Cygni. John Boothroyd is running a Hopwood Electrometer for meteor detection but is having problems with thunder and power cuts. John Wall continues to look after the instrumentation and is completing his 32" reflector as well as designing a 48" 'semi light bucket'. Both these instruments for PEP and Spectroscopy. Bert Carpenter endeavours to get members out for grazing lunar occultations and is actively involved with continental 'Grazers' particularly Dr Bredner. The Jack Ellis Automatic Telescope has been moved to a more favourable site and should be operational by this Spring.

DERBY & DISTRICT AS Meets on the first Friday of the month at the Council House in Derby at 7.30 p.m. For more details contact John Holmes on 0322 842068. The Society has lectures, quizzes, discussion evenings and equipment evenings. DADAS publishes two magazines - a journal *Aries* the journal and *Countdown* which is space orientated. Observing sessions are held at member's homes but it is hoped that DADAS's own Flamsteed Observatory will be open at Brailsford this year. Observing sessions take

place at the site already.

GLASGOW AS Meet monthly on a Thursday at the University of Strathclyde. Contact Malcolm Kennedy on Cumbernauld 725499. There has been a full winter programme of lectures including the Astronomer Royal on 'UK Astronomy - its successes and its problems', Colin McInnes on 'Solar Sails', Colin Steele on 'Finding a role for the Amateur Astronomer', James Lynch 'Quarks to Quasars' finishing in April with 'Another Nice Messier' with Dr Brian Kelly.

LA SOCIÉTÉ GUERNÉSAISE ASTRONOMY SECTION Meetings are usually held at 7.30p.m. on the second and fourth Tuesdays of each month at the Observatory, La Pointe. Contact David Le Conte on Guernsey 64847 for info. The Winter programme has included Frank Dowding with 'A tour of the Solar System', A Quiz and Supper in December, AGM, 'Meteorites' by Neil Turner and Stephen Sweet 'Solar Eclipse'. The future programme is 'The Summer Sky'(May), Frank Dowding talking on 'Venus'(June), David Le Conte on 'Computers and Astronomy'(July) and Geoff Falla 'Double Stars'(September). Please keep the crosswords coming David - Chris and I enjoy them!

HAMPSHIRE ASTRONOMICAL GROUP Meet on Second Friday of Month at Clanfield Memorial Hall. Contact Roy Dodds on 0705 254032 for more information. Speakers have included Storm Dunlop and Lawrence Anslow. Lots of Observing and informal sessions on other Fridays. Note April 4-12 'Exhibition and Space Trail' at Q.E. Country Park and 'Open Weekend' at the Clanfield Observatory April 11-13. Contact Roy for more.

HEART OF ENGLAND AS An active society based on Chelmsley Wood. See Gary Poyner or Robert Januszewski at FAS AGM for more details. A very active observing society with special interests in variable stars and pro-am cooperation. The now quarterly newsletter MIRA contains a lot of material most of it original. It is a good read.

HUDDERSFIELD A & PS Meet weekly on Fridays. Contact Paul Harper on 0484 606832 for details of Society meetings. The members seem to have a good time they certainly enjoyed the Christmas party and their participation in Astromind (but not the result). The Society is actually in a fairly difficult financial state compounded by a swinging water rate demand that makes each kettle of water cost about £5. Speakers have included R. Haslam and Martin Lunn with contributions from locals Paul Harper, Marcus Armitage and Robert Williams.

IRISH AS An active and lively Society if the newsletter is any guide. Meetings are twice monthly on 1st and 3rd Thursdays at Ely House, Ely Place, Dublin. Contact James Lynch on Dublin 202135 for more details. Speakers have included Liam Smith 'History of Astronomy', Prof P A Wyman on '1991 Solar Eclipse' and Dr Ian Griffin on 'Armagh Planetarium - the next 25 years'.

LEICESTER AS A good year has been enjoyed by the Society with good speakers and trips. John Bonell and Tony Peake have maintained

the LAS interest in astrophotography having both won Astronomy Now's Picture of the Month. A visit to the Cotswolds was organised (with Newbury AS) but the weather didn't cooperate. The society defended their astroquiz against Midland societies. (Don't know the outcome). Speakers over the winter included Alan Mills, Martin Lunn and Konrad Malin-Smith. LAS is hosting the FAS convention on July 4th.

LETCORTH AND DISTRICT AS (Formerly Stevenage & District A.S.) Meet on the last Thursday of the month at the Plineston Hall, Letcworth starting 7.45 p.m. Contact Graham Lambert on 0438 742280 for more details. An active observing group of the society meet at the LADAS site at Standalone Farm Centre, Letcworth. The comprehensive Newsletter published monthly usually contains JAS Newsletter, BAA circulars, FAS Newsletters, in fact, almost anything that is relevant to astronomy. Lectures on many topics seem to attract a reasonable turnout. Speakers have included Eric Hutton on 'Asteroids'.

LIVERPOOL AS Meet on the third Friday of the month at 7.00 p.m. in the City Museum. For more details send a SASE (30p stamp please) to Mr Dave Whittle, 17 Sandy Lane, Tuebrook, Liverpool, L13 0BT. LAS seem to be having a busy time - speakers in the recent past have included Lt Cdr Dougherty on 'The Sun' and Dr Clark of Glasgow. The solar observer Eric Strach has been busy and articles in the newsletter show that others have too, particularly the occultation specialists. A new member of the editorial team is P. Moore but it turns out to be Miss Patricia Moore. Welcome! Observing notes figure prominently in the Circular.

MANCHESTER AS The Society had an observing week at Wincle which included the Aurora weekend. The night of the 8th started as a Taurid observing session and turned into a fantasy of light. Thirteen members had the night of their lives.

N LONDON AS Meet on the third Sunday of each month between 3 p.m. and 6 p.m. at Wanstead House, 21 The Green, Wanstead. Ring Bernard Beeston on 081 363 5696 for more details. Speakers in the Winter session have included Dr Andrew Lawrence on 'The Farthest Corners of the Kingdom', Bernard Beeston, John Fisher and Alan Drummond.

NORWICH AS Meet at the Observatory, Colney Lane, Norwich. Open EVERY Friday from 7.30 p.m.. Contact Malcolm Jones 0508 78392 for more details. Peter Rea's talk on 8th November was treated to a garnish of Aurora. The Society needs to move its site due to lighting and building problems. The Society have started a series of classes for the WOBAST (would be astronomer) to take place on normal club nights.. Comprehensive observing notes and Space notes are published in the Newsletter. An interesting talk to come is David Dewhurst talking about 'Recent Advances in Cosmology' on 24th April.

ORWELL AS Meet at the Observatory. Contact R. Gooding on Ipswich 462977 details. **PONLAF** Meet in Room 11/3 Tower Block,

Polytechnic of N. London on first Friday of the month (during term time). Contact on 071 607 2789 Ext 2100. A new group with a full lecture programme. Speaker in December Piers Corby on 'Galaxy Formation'.

PORT TALBOT AS Formerly the Astronomical Society of Wales. Meet on the first Tuesday of the month in Room 5 of Port Talbot Arts Centre at 7.15 p.m. Contact John Minopoli on 0792 580395 for more details.

SALFORD AS Contact Kath Redford on 061 794 3179 for information about events.

The Winter session has been busy. Starting on 15 Nov a public meeting was held with five speakers. Observing spoilt by cloud. The Christmas dinner and Christmas Lecture were both successful the speaker for the lecture being the Vice-President Allan Chapman talking about 'Victorian Amateur Astronomers'. Tony Sullivan won the Astronind Competition. Cliff Meredith and Ray Smith went to St Monica's School to talk and help the children with observing on a couple of occasions. The 20th anniversary of the SAS Observatory was celebrated with a Public Open Day. Many visitors attended between mid-day and midnight. Observing sessions met with mixed fortunes. The Society celebrates its 25th Anniversary on 6th September. A visit is planned in May to ROE. **SOLENT Amateur Astronomers** Meet at Oaklands (Southampton area) Contact Ken Medway on 0703 582204 for more details. Speakers have included Neil Bone on 'Meteors', 'Galactic Evolution' by Dr Victor Clube with plenty of activity at the Societies two observatories.

SOUTH WEST HERTS AS Contact Brian Bloomfield at 58 Whitlands Ave, Chorleywood, Herts. WD3 5RG for more details of meetings.

SOUTH EAST KENT AS Meet regularly at Walmer Castle Car park for observing sessions. Contact Joe Waller 0304 823301 for more details. Obviously active as observers with a good magazine ECLIPSE. More in future when I learn more.

STIRLING AS Meet at the Smith Art Gallery and Museum, Stirling, on the second Friday of the month Contact Roger Lynn on 0786 832689 for more details. Over the past few months Open Lecture Meetings have featured an interesting range of topics including 'The Aurora' with Dr Alistair Simmons, 'Will the Universe Collapse' by Dr A. Heavens, 'Supernova 1987A' by Prof. John Brown. Future speakers will include Dr J. Davies on 'Infra-red Astronomy from Earth & Space' and Brian Kelly on 'Binocular

A DATE FOR YOUR DIARY

September 26th 1992

FAS Autumn Convention

at Cambridge.

More details in July Newsletter.

Even if your Society closes down for the Summer persuade your Secretary to let you have the details

astronomy. Observing sessions and members evenings are also held. A joint meeting was held with Dundee AS on 22nd November and it is hoped that more links will be forged with other Societies.

WEST OF LONDON AS Meet at The Nave, Windsor St, Uxbridge. Ring Arthur Davis on 081 866 3858 for further details. The Society has had talks from Konrad Malin-Smith on 'Pulsars' and Piers Corby on 'Formation of Galaxies' plus the usual galaxy of Society speakers talking about their work and travels. An observing trip to Tenerife is mooted.

WEST YORKSHIRE AS The Society weekly meet at the Rosse Observatory, Carleton Centre, The Grange, Carleton. Contact Ken Willoughby at 0977 795535 for more details. PHOBOS the Newsletter of WYAS gives me much pleasure, as good as most of the book-stall bags (without the pretty pictures of course!). Meeting weekly as they do there is always something going on in the Society. Speakers galore many homebred but outside speakers such as Les Wooliscroft as well. The Sky Diary is always just that bit too late for me but it is excellent. Maybe Gordon Ward could let me have one sooner. Keep them coming anyway.

WOLVERHAMPTON AS Meetings are held at 7.30 p.m. on alternate Mondays at the Beckminster Methodist Church Hall, Birches Barn Rd, Wolverhampton. Contact Malcolm Astley on 0902 782212 for more details. The Society celebrated its 40th anniversary and Mike Bryce sent me a photo of the event but pressure of space... The Society has a full programme of lectures with the winter session having talks ranging from Thales & Aristotle, Islamic Astronomers, Sun Dials through to 30 years of Americans in Orbit. As you can see comprehensive, as is the nicely produced Newsletter LYRA.

WORCESTER AS Meet Second Thursday of the month at Worcester City College of H.E. Contact Ian Gray for details Tel: 0386 47352. The Society has had its usual full winter program with the highlights including a super

visit to the RAL and Pulsars by Dr Anthony Hewish. Several observing evenings have been held at the Worcester Countryside Centre and another joint meeting at the Lickey Hills is in the pipeline.

WORTHING AS Meetings are held on the first Wednesday of the month. Contact Paul Carter on 0903 213001. A really active Society - I don't know how they find the time to organise the events (6 in December, 7 in January, 9 in February and 5 in March) many of them being outdoors. The speakers have included Owen Brazel and many of the Society's stalwarts. The work done by the various sections of WAS is extremely well done and well documented in the excellent newsletter which contains much original and exciting material. If I continue in the post of FAS Editor for a few more years an Anthology of WAS and WYAS newsletters could prove very interesting and saleable.

**** PLEASE NOTE ****

**THERE WILL BE NO PHOTO
COMPETITION AT COVENTRY THIS
YEAR.**

**BRING THEM ALONG TO
LEICESTER AND EXHIBIT THEM
THERE!**

**Don't forget that the F.A.S. has
publications which are available now.**

They are:

THE HANDBOOK full of useful information
special price to members £3.00

The ASTROCALENDAR at 90p and
OBSERVATIONAL ASTRONOMY by Steve
Lubbock £2.00 all prices include p&p
Obtainable from Alan Drummond.

VIDEO REVIEW
A BRIEF HISTORY OF TIME
Issued by Palace Video (13th April 1992)
The Video of Stephen Hawking's Life.

When I first put the tape on I wondered what I had agreed to review - the electronic voice and what looked like a series of disconnected clips promised 80 minutes of hard watching. Within 10 minutes I was grabbed by a story told partly by the man himself and anecdotes from family, friends and colleagues. We saw the development from the gawky slightly officious schoolboy, through the laid-back beer drinking casual student with a self-confessed 1000 hours of study to get his First at Oxford (work that out for yourselves - yes that's right - one hour a day). On to his post-graduate work at Cambridge and then the horror of the two year death sentence. We saw the young woman who 'took on' the ill man and admired her courage but wondered how this man could fight back against the disease and still get on top of the ideas that were just being developed about 'gravitationally collapsed objects', 'black holes' to you and me. We watched entranced as his ideas were refined and were appalled as he deteriorated physically. I had a little laugh when his mother said that 'he sometimes talked rubbish', only the mother of a genius is allowed to say things like that. I thoroughly enjoyed it the first time through and have spent an hour or two since just picking out snippets and am still enjoying it. I shall have to buy a copy when it appears on the shelves in April. I would certainly recommend it as a Society purchase. Oh, by the way, I quickly adjusted to the IBM voice and wasn't aware of it at all.

Ken Sheldon

ERRATA IN HANDBOOK

p 22 line 13 should read '.. *Infra Red Pulse*'

p 23 line 15 should be '..both bear tight'

p 23 line 35,36 should have '..azimuth' not
..az1'

p 54 should have Ian Welland as Chiltern
Group Rep.

My Apologies, just poor proof reading! Ken

COSMOS NORTH-EAST

To be held at

**TEESSIDE POLYTECHNIC
MIDDLESBOROUGH
CLEVELAND**

on

SATURDAY 25 APRIL 1992

10.00 a.m. - 6 p.m.

SPEAKERS ARE:

Prof Arnold Wolfendale - Astronomer Royal
on the New Astronomies

Dr David Malin - Things to see and do in the dark.

Dr Allan Chapman - A World in the Moon - 17th Century
Ideas about Spaceflight.

Peter Rea - This New Ocean

David Graham - An Observer's Guide to the Planets

Admission £5.00 by advance tickets only.

Tickets from: Mr N.M. Haggath, 5 Fountains Crescent,
Eston, Middlesbrough. TS6 9DF

SCOTTISH ASTRONOMY WEEKEND

4 - 6 September 1992

To be held at University of Stirling and hosted by Stirling AS

Speakers to include

Prof Arnold Wolfendale Astronomer Royal

Dr Paul Murden Director of ROE

Iain Nicholson Hatfield Poly

Others Alistair Simmons, Colin Steele, Neil Bone, David Gavine
and Sandy Mackenzie. Some topics are Solar Activity, Aurorae,
Noctilucent Clouds, Space Exploration and Cosmology.

Cost £75 Fully Residential £35 non-residential.

More details & bookings by 15 May through Roger Lynn,

Secretary Stirling AS, 25 Pullar Ave., Bridge of Allan,

Stirling, FK9 4TB Tel No. 0786 832689

or

Derek Allen, 1 Ogilvie Road, Stirling FK8 2HJ

Tel. No. 0786 72771 or Fax 0786 64081