BCS WEBSITE GOES LIVE!

See pages 8-9

Spring 2008
Editorial

Spring is upon us and, as always, things are evolving all around, and Maplines is no exception. As the days get lighter and more colourful so too does your newsletter, one which we hope the Society can be proud of. We hope you like the changes we have made and thus far, feedback has been encouraging. As always, we welcome your comments about any aspect of Maplines, and cartography in general, so feel free to get in touch.

This issue marks the beginning of a busy year for the Society and inside you will find details about much of what is in store. 2008 has already witnessed the launch of the new website, if you have not already visited, you are missing out! Our new website has been operational since February and has already received great reviews, we carry a special feature on page 8 to celebrate this. At Maplines we have also been busy compiling a section on cartography and education, and, as promised, we have a series of thought provoking articles on pages 4-7 and 11. The floor is now open for comment, so we encourage you to read, digest, then reply with your thoughts on what is rapidly becoming the central issue of our industry.

There is much that I could say here on behalf of the Editors, but with so much to cram into this issue I will keep it brief! The Quiz, with such an outstanding prize, is definitely worth a shot, and don’t forget, now is the time to get your entries in for this year’s Awards, as always, presented at the Symposium in September. There is just enough column space left for me to thank all those people who have contributed to this issue, we really appreciate your efforts.

Now, where is that eleventh difference...?

Adam, on behalf of Lynda, Martin and Adam Maplines Editors

Disjointed ramblings

As mentioned in my December notes, at the AGM I announced the first issue of Maplines to feature a summary of Council minutes. At a stroke, this robs me of the subject matter for this column. So, instead of writing the usual resume of Society activities, I shall broaden the content to more general discussions on things BCS and things cartographic.

In 2006, I was privileged to take part in the popular Better Mapping seminars, sponsored by the BCS. With nearly 400 delegates in attendance it soon became clear that we were delivering a message that people wanted to hear. But where do we go from there? The Society cannot afford to repeat such expenditure on a regular basis. On the other hand, it cannot afford to ignore the declining membership. A cunning plan is required and I believe that cunning plan comes in the form of co-operation with another organisation whose aims are similar to ours. Step to the fore the AGI with its new leader, Chris Holcroft. Chris mentioned to me when we first met that he had been a cartographer earlier in his career and this set me thinking. We subsequently discussed the possibility of holding joint events. The AGI has the event management expertise in house, whereas BCS can deliver its message to a wider audience and hopefully find some new members through exposure to the AGI membership. It would seem that such a partnership is indeed a cunning plan.

But, what is the purpose of these seminars? What is this message we are trying to deliver? ‘To help people to make better maps’, we say. Why? ‘Because better maps communicate information more efficiently and more effectively.’ Fundamentally, the topics covered in the seminars demonstrate that the application of cartographic principles can make a world of difference to the end product. However, many mapmakers do not recognise that their maps could be better or, indeed, accept that there is any point in making them better. Even in the mainstream cartographic world standards have dropped. Data is all too often incomplete, inconsistent or out of date resulting in more and more dreadful maps appearing in all walks of life. All of this is bad enough, but what concerns me more is that nobody seems to care or at least to be prepared to do something about it. Accuracy is an old fashioned ideal. Consistency – what’s that? The fit-for-purpose mantra that once meant what it said, is now a euphemism for ‘that’ll do’.

In fact, it really will not do at all. It does not have to be that way. It need not take any longer to create a good map than it does to create a bad one. What does a lot of time is fixing a bad map. So, we must endeavour to promote the value and wisdom of setting the correct foundations at the very beginning. Early planning, editing and selecting the appropriate information to show must all come before design principles can be applied. If we are thinking a difference to the nature of mapping we must persuade our audience that such things are important. ‘Place matters’ has caught on and ‘how we show that place’ must be the next on the list. If we can make someone aware of the benefits of better mapping then we are half way there. Once we have their attention we are on the path to better mapping.

In this, my penultimate, President’s column, I would like to thank everyone for their support and contribution to the Society’s activities during my tenure. There is, however, yet another thing to ask of you all before I run out of time. Over the past two years I have been careful to my peers and read many views on the demise of cartography. Apparently, ‘there are more cartographers than ever before’. ‘Cartographers are strange people who have an unnatural obsession with accuracy and detail’, and ‘Cartography has nothing to do with GIS’. Oh dear. Does this mean our skills are expendable? Is cartography a lost cause? Should we give up and go home? No, no, no! Let us fight to retain the distinction between a mapmaker and a cartographer. Do not be embarrassed to be called a cartographer – be proud. We have a serious role to play in the future of mapping. Do not ever doubt that. GIS has brought a great deal to the discipline of cartography. Ask now what cartography can bring to GIS.

Mary Spence MBE BCS President
A Canon for Cartography

Ten years ago cartographers were deeply concerned about the emerging domination of GIS and the standard of mapping it produced, only to sit back and hope it would come good in the end. Recently, efforts by the Society have substantially enhanced the profile of cartography. Geographic software companies, the national mapping agency and others are extending the capability of software and reviving cartographic sections and staff. However, despite these efforts, there remains a danger of losing ground once again if the skills of the modern cartographer are not defined.

The Oxford cartography course has been lost whereas others, such as Masters courses in Glasgow, Bournemouth, yet there is still no clear definition of a cartographer or a curriculum at either technical or graduate level. In the past cartography and education were linked via planning and surveying. Is that link still valid, or should the industry be seeking contacts in different subject areas? Before this can occur, what remains of cartographic teaching must first be consolidated to reflect the current era of education.

Employers have long since pushed for business-driven education with positive links to academic institutions. Now it is national policy. Why, then, is this not possible between cartographic employers and institutions?

Our heritage of cartographic teaching is founded on the applied science of map making with some elements of design. Following the Second World War, map making was often limited to large scales with an emphasis on accuracy. This vigorous style was extended to smaller scale mapping and its results rarely displayed the flexibility or freedom of design available today.

Later, using graphic design techniques, the art and fashion worlds began dabbling in map presentation, committing cartographic sins such as omission of the scale or exclusion of a grid. The arrival of the digital era and products such as SYMAP, with its line printer output, or plotters ‘drawing’ saw-tooth hyperbolic curves, further exaggerated this unconventionality before eventually displacing the traditional draftsman. In some cases, contributions from artists like Heinrich Berann were acknowledged as having map-like qualities, featuring excellent message communication, albeit relying on ‘adjusted’ reality to enhance the illusion. Others within cartography also challenged the ‘norm’: John Keates’ Map of the Cairngorms eschewed a rectangular frame. And more recently, map publishers have varied atlas format by subtly introducing new layouts and designs.

Today, cartographers are trying intensely to rationalise conventional canons with more flexible styles. This democratisation of map making and increased demand for geographic information has created a need to reassess the required principles, skills and knowledge of the cartographer. Are we map designers? Are we GIS scientists? Are we simply mappers? Whichever path we choose should be with creativity in mind otherwise we risk repeating the experiences of the GIS era which could signal an end to cartography as a recognised discipline.

At present the essential principles of cartography are heavily relied upon but are they clear enough to encourage creativity? For example, are the maps put forward for the BCS Design Awards really innovative, or are we simply confirming our own personal norms? There are at least some different approaches. The Nitty Gritty map company has found a design niche with their Bristol map, and MapEasy and LapMaps (Cardtoons Publications Ltd) have also produced something slightly different. Whether or not these examples represent ‘true’ cartography is not the point, they are at least identifiable as a map form. Fringe areas such as these should be welcomed by our industry because they deliver evident innovation by being less constrained by convention.

Therefore, I propose a reconstitution of the principles of cartography and with that, a new canon of mapping. These principles can be confirmed by employers and business. The cartographic canon (or list of expressive milestones in cartography) should define the profession by way of measuring its significant theoretical progress and identifying its artistic and practical development.

I have also realised that there is a large variation in styles of map making. At work, my colleagues have their own preferences and methods when designing maps, each having developed the basics that were taught to them at university. Evidently, the learning process does not stop after graduation, as only professionally do you come across the various problems that need to be solved.

At present, I work predominately at large scales, supporting urban designers and architects within the company. With this genre of mapping less is definitely more. It is tempting to come into contact with a wide range of people whose experience of mapping is likely to be different. As a result, clarity, accuracy and legibility are of the utmost importance.

Working with architects and planners who all have, or are working towards, a professional qualification has also highlighted the lack of a similar status in cartography or GIS. A professional qualification not only improves one’s status in an industry but also it affects a rate of pay. This led me to try and look for a qualification I could work towards, and, although I struggled to find one which really suited my line of work, I have started to work towards the RICS Geomatics pathway which includes mapping and GIS as part of the qualifications. Although I feel obtaining the title of Chartered Surveyor does not really describe the work I do, the RICS are a widely respected organisation and it should stand me in good stead later on.

Could this be something that our industry might address? I am aware that the AGI offers a Chartered Geographer qualification but it is not as prominent as the MRICS. Perhaps it is more of a case of making the ones available to us better suited to cartography, and raising their profile within the mapping industry.

My final observation has little to do with making maps, rather it is the reaction of people who ask me what I do for a living. On the numerous occasions I have told someone what I do, they have remarked, ‘oh, I love maps, your job must be brilliant!’ Naturally, I confirm their enthusiasm, but listening to this has got me thinking: if there are so many people out there who enjoy maps, why is there not an abundance of professional cartographers? Why are our degree courses in cartography, geomatics or likewise not overrun with these interested and excited people? Perhaps it simply requires promoting the courses that are available and the job opportunities open to students when they finish. Cartography was something I stumbled upon whilst at university, but if I had known beforehand of the opportunities that it has afforded me, I would definitely have signed up from the start.

Peter McIlride
TAYLOR YOUNG

Moving on from Higher Education

For many people, university means a huge change in life and with that leaving that had the biggest impact: I had found a job I was extremely passionate about, and although the transition from geomatics student in Glasgow to professional cartographer in Manchester is still ongoing, these are my experiences so far.

I have observed a great variation in peoples’ understanding of mapping. Many people do not appreciate the influence maps have and the importance of getting them right. At work, I encounter many instances of maps made by a colleague in order to explain an idea. Although we should be encouraging people to try cartography, I think a little education on basic map making could go a long way, as these elements are often overlooked by the ‘have a go mappers’. Consequently, I end up explaining how things could be done, and so I have begun a series of GIS workshops aimed at informing my colleagues of the benefits of mapping and GI science. Initial feedback has certainly been promising.

I have also realised that there is a large variation in peoples’ understanding of mapping. Many people do not appreciate the influence maps have and the importance of getting them right.

I propose a reconstitution of the principles of cartography and with that, a new canon of mapping.
...to an uncertain future

The Celebration in September 2007 of the fortieth anniversary of the Diploma in Geographical Techniques at Luton College of Technology is an opportunity to reflect on what has happened since. Like its fellow course at Oxford Polytechnic it was founded at a time of optimism. There was local demand from the Clarendon Press and the Royal Society report on the ‘State of Cartographical Education’ had recently been presented to Government, and as a result, a broader demand for training in geographical skills was recognised at Luton.

This differed from the part-time cartographic courses taught at Kingston, Southampton and Taunton which supported Government mapping departments. Cartographers also trained at the School of Military Survey, Hermitage and as part of the survey course at the North East Polytechnic. Elsewhere, cartography was strong in courses at Glasgow and Newcastle Universities but otherwise tended to be taught as an element of geography. The polytechnics, which emerged in the mid-1960s, were expected to provide high level technical education, however, their quick separation from the colleges of technology and further education ultimately lowered their status.

The Royal Society report highlighted the weakness of cartographic training. The surveying and town planning professions had their Royal Chartered Institutes and structured routes to recognised qualifications, whereas map makers were essentially trained in-house with colleges supplementing the education with some specialised job skills. The eventual emergence of the BTEC Joint Committee for Surveying, Cartography and Planning provided recognition and a national structure at Ordinary and Higher Levels. The colleges offering mapping were joined by those with mining surveying, at Doncaster, or town planning technicians, at Leeds. North-East London offered a strong Higher level survey course and Kingston, higher level cartography. Luton waited until 1975 before it began teaching its BTEC Diploma course.

The normal entry requirement for this was one ‘A’ level, normally in geography; and ‘O’ levels in at least three other subjects, including mathematics and English. The course provided full time training in both first and third years with the second being work experience. Its core elements were data acquisition, processing and representation. These were supported by geology, languages, basic science and planning, all compulsory in the first year and optional in the third. After twenty five successful years the Luton course was criticised for focusing on too niche an industry, though the critics failed to appreciate the range of posts its graduates occupied, including cartographers, publishers, image analysts, town planners, environmental campaigners and even a lecturer in theology.

The structured mapping programme was initially moderated by Dr. Christie Willats and later by Dr. Chris Board. They taught us that maps are a form of data storage and communication. Both user and author must understand each other and appreciate how the information is conveyed and of its meaning. Knowledge of map symbols alone, which seem to be the acme of some GCSE learning today, is insufficient, as it precludes an understanding of the form of map patterns and colours.

So, from where will the next generation of map makers emerge from? The courses introduced in the 1960’s and 70’s have all closed and employers are not expanding their businesses and so have a smaller need for trainees.

The onset of technology has also influenced our industry. The arrival of the desk-top computer convinced many authors that they could successfully produce maps and no longer required the skills of the office cartographer. Twelve years ago it was argued at the ICA in Barcelona that we can ill afford to neglect the skills training of map makers, yet now, more than ever, there remains a skills shortage in map making, map use and map understanding.

The Government, via the Learning and Skills Council (LSC), is now demanding more employable skills. Colleges are required to meet the needs of employers and to have longer term training contracts with them. Where and how can these links be established for our industry? The present training levels simply do not justify a long term contract between employer and college. If the art and science of good mapping is not appreciated in schools and training is not available in the industry, what hope for the future? The universities may train the editors but who will train the designers? Continued on page 7

...continued from page 6... There will be inherent problems should these issues not be addressed. It would be unwise to rely heavily on GIS as a solution, yet schools are beginning to treat it as an alternative to hard copy maps. Map legibility may also suffer yet the ability to use a clear, well drawn, paper map may be vital. There is also an undue reliance on data stored on disk, for an image can be committed to memory, but the disk requires intervention.

Maps for Children

A range of appropriate maps have been produced for use in Isle of Man primary schools.

The collaboration between the Department of Local Government and the Environment and the Department of Education follows the launch of the Manx geography curriculum in 2005. Linda Winstanley, of Scoill Phurt le Moirrey, said: ‘It all started with a phone call to the DLGE during TT week last year.’

‘I made an inquiry about the possibility of purchasing maps of the Island to support the delivery of the geography curriculum. However the maps available weren’t really age appropriate.’

‘I was fortunate enough to be introduced to Robert Clynes, Chief Cartographer of the DLGE, who was very supportive and agreed to produce a series of eight maps.’

She explained, ‘The maps have been produced in conjunction with freelance cartographer Vic Bates. Each map is based upon a central theme from the key stage one and key stage two curricula, and will prove to be a useful teaching and learning resource.

‘The maps have been trialled this term by staff and pupils at Phurt le Moirrey school and have been well received.’

Redeveloping the basic skills of map use in schools and colleges is paramount, and the industry must identify its needs for training as it did in the 1960’s. Employers must inform the colleges and the LSC what is required of them, and colleges need to reciprocate by providing suitable graduates. This may be happening. Assurance is needed that it is.

David Cooper

Editors’ note: Our overview of cartographic education continues on page 11

Each map is based upon a central theme from the key stage one and key stage two curricula

All primary schools have been issued with a CD containing copies of the maps with an impressive aerial photographic of the Island. The next phase, which is in the process of completion, will combine aerial photography and maps of various Island settlements. It is hoped they will be available before the end of the academic year.

Bob Clynes
Isle of Man Survey
An evening at the RAF Club

In early February, fifty two BCS Fellows and guests gathered in the beautiful and historic surroundings of the RAF Club for the 12th Annual Fellows Evening, to celebrate cartography.

This was a Fellows Evening with a difference; the programme included both the launch of the long-anticipated new design for the BCS website by BCS Webmaster Clare Neal and the guest lecture.

After the convivial drinks reception, Clare gave the evening’s guests a detailed tour of the new website, its features and plans for future development.

The guest lecture was given by David Shukman. David is a very familiar figure in news reporting; he is Environment and Science Correspondent for BBC News. He works principally for the Six and Ten O’Clock News bulletins on BBC One reporting from more than 70 countries and regions including both the Arctic and the Antarctic.

His recent assignments include revealing the plight of the polar bears in the far north of Canada, enduring sub-zero conditions at a NASA ice-station in Greenland and reporting on the spread of the Kalahari desert in southern Africa. His brief covers climate change, space exploration, environmental disasters, avian flu and future technologies. During his talk to the BCS Fellows he concentrated specifically on his reports from the North West Passage, the Aral Sea and Tuvalu.

Working across the World as David does, an understanding of geography and maps are vital. Even when a cub reporter working an assignment in Coventry covering a stabbing he discovered that the ability to use maps correctly would keep him safe. In this instance it related to something as simple as parking his car in the right area. However, when the ‘right area’ is a safe one as advised by local police in a very troubled area, in the middle of a potential riot, knowing your city and planning well is key to journalistic safety.

Continued on page 10...

New BCS Website launch

One of the main features of the new website is the BCS Forum, for use by the general public as well as those in the cartographic community to ask questions and find out about topical issues. The Forum is moderated by Council and members of the BCS.

New features on the website also include the Junior Mapmakers section, a secure payment form for subscriptions, Who’s who of the BCS, a Members’ area, RSS news feed, a site index and a FAQ page. Enhanced features include news and events notices, the calendar, job vacancies page, and search capability.

‘The key aim in the new design was to make users, both new and old, find the information they were after quickly, and also to encourage more inter-site surfing’, said Clare Neal, BCS Webmaster. ‘We hope that the extended features of the site encourage our current membership and also entice new users to find out more about us and cartography as a whole.’

The website is now split up into two significant sections. The first section aims at dealing with enquiries about cartography, such as how to work out scale on a map, and how to find out more about training and working in cartography.

The second section focuses on the BCS and what activities the Society is undertaking for its members and also who we are and what we are all about. For any comments regarding the website, including adding job vacancies and events, please email Clare on webmaster.bcs@gmail.com or use the BCS Forum to give your opinion.

As part of the BCS initiative to promote Better Mapping the BCS has launched a redesigned website.

The site provides expanded information about the Society’s membership, publications, events, special interest groups, and the annual Awards.
An evening at the RAF Club

David Shukman’s career has spanned many important World events, the fall of the Berlin Wall in 1989 and the end of the Cold War, to name but two. He travelled regularly through Checkpoint Charlie to East Germany with the necessary visas. On one occasion he jokingly told border guards that he was here to watch the Wall come down. Two days later it actually happened.

Apparently, the German authorities had declared they were going to make it easier to travel to the West. Taking them at their word, crowds of East Germans surged through Checkpoint Charlie. David had been broadcasting from West Berlin and was trying to get back to his team in East Berlin. Progressing through Checkpoint Charlie, he was in the bizarre position of having his visa stamped as crowds of East Germans stormed the Wall in the midst of a chaotic night that eventually saw the Wall being torn down.

Last summer, the North West Passage was devoid of ice for the first time since records began; normally it is icebound throughout the year. Was this a sign of global warming? Is the Arctic icebound for the first time since records began. Normally it is icebound throughout the year. Last summer, the North West Passage was devoid of ice for the first time since records began; normally it is icebound throughout the year. Was this a sign of global warming? Is the Arctic icebound for the first time since records began.

Significantly, the map contained ‘big blanks’ of territory, because, of course, Franklin had no radar or GPS, a fact that dumbfounds modern ships’ captains.

At the time of writing, one of David’s most recent reports was on the rising tides in Tuvalu. In this part of his talk the graphics clearly illustrated the problem to the population living on the low lying coral atoll of Tuvalu caused by the rising tides and water table. The sea water is seeping through the bedrock killing off the agriculture. If the tides continue to rise at the rate they are doing so, over the next 30 years the maps of this area will have to be revised drastically as islands and populations disappear.

In 2004 David visited the Arctic Sea, now a barren place, a poisoned wasteland. Man made a disaster as he diverted water to create new farmland. The remaining land is saltly and wasted. In effect one of the Earth’s great features is being rubbed off the map. In the population, the polluting levels of salt are causing widespread illness, especially those affecting the respiratory system and DNA, including cancer of the oesophagus. Since 2004 there have been put in place some necessary visas. On one occasion he

...continued from page 8

...continued from page 8

GIS and School Education

We come in contact with geography everyday via the weather, traffic, water, land and our economy, and through the power of GIS geography has now become more important than ever. Teachers are using GIS in subjects across the curriculum, including geography, history, environmental studies and economics. GIS assists teachers and students, helping to foster critical thinking and problem solving to prepare our 21st century workforce with the necessary skills to sustain our fragile world.

OESTED recently reported a drop in the number of pupils taking geography for GCSE and A-Level, at a time when floods, climate change and traffic management should be adding prominence to the subject. This is worrying for the GI industry as not only do we want to develop the next generation of spatially aware pupils, but we know what great skills students learn when they study geography.

New mapping software, which actively engages students by transforming everyday examples into something exciting and tangible, may help convince young students that geography is not as boring as they may think it is. Pupils can now ‘time travel’ to analyse electronic historical maps, investigate how rivers and shorelines move, or write newspapers and podcasts about their geography-based findings, learning in a way that goes beyond traditional worksheets and using media they so often use.

There are various initiatives being supported by key GI organisations here in the UK to help promote geography within schools, including the Ordnance Survey and my own organisation, ESRI (UK). In 2006, Lord Adonis, the Schools Minister, and Michael Palin announced the Action Plan for Geography (APG). The APG is a two-year programme of support and development for school geography led jointly by the Geographical Association (GA) and the Royal Geographical Society with the Institute of British Geographers (RGS). The APG’s goal is, ‘to provide everyone – opinion formers, policy makers, parents and pupils – with a clear vision of geography as a relevant, powerful, 21st century subject, and to equip teachers with the professional skills and support they need so that pupils enjoy and succeed in geography.’

The APG supports initiatives that promote geography, GIS and mapping within schools, and the GA and RGS also help teachers implement GI into their classrooms. This is especially pertinent in England, as GIS is being introduced to the curriculum at Key Stage 3 in September 2008, and should go some way to help encourage schools, teachers and children to take an interest in geography and spatial awareness.

For more information about the work being done in promoting GI in education please see the following links:

Royal Geographical Society (with IBG):
www.rgs.org

Geographical Association:
www.geography.org.uk

Action Plan for Geography:
www.geographyactionplan.org.uk

ESRI (UK) GIS Day resources:
www.coviak.com/gisday/ideascoursesources

MapZone:
mapzone.ordnancesurvey.co.uk/mapzone/

Education Community:
edcommunity.esri.com

Digital Worlds:
www.digitalworlds.co.uk

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MapZone:
mapzone.ordnancesurvey.co.uk/mapzone/

Education Community:
edcommunity.esri.com

Digital Worlds:
www.digitalworlds.co.uk

Angela Baker
Community Programmes Manager
ESRI (UK)
You will be pleased to hear that there are now 53 Corporate Members of the BCS; hopefully these numbers will continue to grow.

In Estoril, at the IMTA Conference and Trade Show earlier this month, I was approached by one of our so-called ‘Small Corporate Members’ who explained that he didn’t really like the designation ‘Small Corporate’ as it is rather demeaning. The Small Corporate Members pay a lesser fee because of the small number of staff employed and in recognition that their turnover is relatively small. He made the point that they too could just as well be addressed as Corporate Members. I have sympathy with this argument as this approach is adopted in other associations. I will raise it at the next Council meeting.

You may recall I suggested in my last report that we set up a GIS Working Group. From conversations I have had subsequently, it seems there is support for such a Group within BCS. We should also hold a meeting of the Corporate Members Forum to consider our role within BCS at the next Symposium in Newport Pagnall, 3-6 September. Please let me know what you think on both counts at peterjolly@desnik.com.

Thank you,
Peter Jolly
Corporate Liaison Officer

OS Digital Data
Ordnance Survey digital data system goes live in the Legal Deposit Libraries

The UK Legal Deposit Libraries have just set up a new system for viewing large scale mapping, following the signing of an important agreement with Ordnance Survey. The agreement ensures the continued deposit of annual snapshots of the most detailed digital mapping of the whole of Great Britain.

The Libraries collectively have comprehensive archives of Ordnance Survey mapping, dating back over two centuries. Originally received on paper and then microfilm, since 1998 it has been received in digital form. Until 2005, the Ordnance Survey’s LandLine® digital map data was made available to the public to view for permitted non-commercial purposes on standalone workstations in each Legal Deposit Library. From 2006, the OS MasterMap® Topography Layer has been received, updated by a new snapshot each year on an ongoing basis. All annual snapshots from 1998 to 2007 can now be explored and compared through a user-friendly Viewer.

OS MasterMap offers improved layers of information, allowing more precise recording of landscape change over time. The system can be viewed in all of the six UK Legal Deposit Libraries and a limited number of customised A4-sized colour printouts of any area can be made for private, non-commercial use.

Further information on the Viewer can be found at:
British Library: www.bl.uk/collections/map_digital.html
NLS: www.nls.uk/collections/maps/subjectinfo/os-mastermap.html

with further information on OS MasterMap from Ordnance Survey at: www.ordnancesurvey.co.uk/oswebsite/products/osmastermap/

Maney Publishing and BCS are pleased to announce the introduction of the Online Manuscript Submission, Tracking and Peer Review System for The Cartographic Journal.

Contributors are able to upload papers direct to the journal by registering at the system homepage: http://caj.edmgr.com

The system will speed the processing of submissions by facilitating electronic refereeing and streamlining communication with the author throughout the publication process. Authors can check the progress of submissions online. For further information and full guidance on the submission procedure, please see the Publications section of the BCS website.

Ken Field, Editor
The Cartographic Journal

Newport Pagnall 2008

This year’s BCS Symposium will take place from Wednesday 3rd to Friday 5th September, with optional opportunities for further networking on Saturday 6th. The timetable is still very much in draft form, but will follow the very successful format that we instituted at Chester last year. This will involve a mix of sessions covering both formal presentations by speakers and a variety of workshops allowing practical hands-on experience.

In a major change this year, we will not be using a University as our base but will be holding the Symposium at De Vere Harben House in Newport Pagnall. More details of their facilities can be found at their website: www.devere.co.uk/venues/Harben

Pete Jones
Chair of Programme Committee

BCS News

New Special Interest Group?
It has not gone un-noticed that many of our newer members are actively involved in GIS related work. Is it time to form a new Group specifically for the GIS fraternity?

Would you be interested in joining such a Group (it is free)? Would you be prepared to help organise a GIS Group, perhaps even becoming the Convener? Your thoughts would be appreciated. Please contact BCS Administration, details on page 18.

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Contributors are able to upload papers direct to the journal by registering at the system homepage: http://caj.edmgr.com

The system will speed the processing of submissions by facilitating electronic refereeing and streamlining communication with the author throughout the publication process. Authors can check the progress of submissions online. For further information and full guidance on the submission procedure, please see the Publications section of the BCS website.

Ken Field, Editor
The Cartographic Journal

Council Highlights
from the Minutes from BCS Council on 5th February 2008

• Susie Jones has been appointed Convenor of the Map Design Group
• Peter Jones has been appointed Chair of Programme Committee
• The post of Society Treasurer becomes vacant from September – volunteer required
• Mary Spence has met with Steve Chilton of SoC with a view to avoiding the problem of future annual events being staged at different ends of the country

BCS are in discussion with AGI to co-present a series of four Better Mapping Seminars this year. These will be followed up by seminars on specific aspects of map design, under the auspices of BCS Map Design Group

• Historical Military Mapping Group are organising visits to Hughenden Manor in Buckinghamshire in April and Greenwich in June
• Mary Spence represented BCS at the funeral of John Bartholomew on 23rd January in Edinburgh. John was president of the Society in 1971 – 1972

For further details of these and other matters discussed see the Members area on the BCS website: www.cartography.org.uk
John Christopher Bartholomew

John Bartholomew was a great man. A kind, reflective, warm and humble man. A man my brothers Philip, Christopher, Patrick, Ivon and I have had the privilege to know and love as our father. It feels impossible to do justice to such a rich life as his in just a few minutes. He spent all of his 85 years on a tireless exploratory quest for knowledge: a journey dedicated to learning everything there was to know about our planet and the cosmos beyond. In his legacy, he leaves a home filled with books on geography, astronomy, meteorology, oceanography, nations and world cultures. But his exploration was just inherit, his place as his successor to maintain the excellence of that cartographic tradition. So concurrent with his geography studies at Edinburgh University, he was also a quest for spiritual enlightenment. He was enquiring and exploring his faith and seeking a philosophy he could identify with. His journey led him eventually to convert to Roman Catholicism in 1954.

John passed on to us every aspect of his enthusiasm for the natural world. Evening meals were invariably times for sharing knowledge about people he had met, or facts about places, natural things or world events. He quizzed us regularly on our knowledge of geography, capital cities, countries, or river lengths.

John belonged to many distinguished organisations and held senior offices in most. The Royal Scottish Geographical Society which he presided over for several years enabled him to meet and play host to some of the most distinguished names in exploration of the twentieth century. He was a Fellow of the Royal Society of Edinburgh and also a Fellow of the Royal Geographical Society in London. He was an active member of the British Cartographic Society, serving as President 1970–71. He also served a term as Vice President of the International Cartographic Association. Close to his heart was the mission of Scottish Rights of Way (ScotWays), whose meetings he attended faithfully until last year.

John was destined from childhood to continue the family tradition in cartography. At John Bartholomew Son Limited, he took a great pride in the cartographic heritage of his family. His father was determined that John should earn, rather than ask for help or advice. Even through his retirement years, new projects would fill his days. For us as a family, the view indicator he designed on the Braid Hills in Edinburgh is our favourite of his legacies.

John found it hard to say ‘no’ when asked for help or advice. Even so, his life was the mission of traditional and new techniques.

John was a perfectionist and compromise was rarely acceptable.

Bartholomew’s was a family firm of course. But the term family embraced all its employees. They were John’s family too. ‘Mr John’, as he was called, is remembered by the staff as a perfect gentleman. He invested a lot of time listening and getting to know them on a personal level. They knew that if they had problems at home, he could and would offer encouragement. He cared in a genuine way.

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The BCS Awards are open for 2008

The British Cartographic Society has revamped the Awards over the last two years to encourage entrants from all in cartography, and to showcase products created through traditional and new techniques.

This year the BCS is unveiling The UKHO Junior Mapmaker Award, its first competition for UK children aged 7-16, which is being supported by The UK Hydrographic Office. This award will run in alternate years to the popular ICA Barbara Petchenik Competition, and aims at encouraging the creative representation of the child’s environment in graphic form. This award joins the NGS New Mapmaker Award in encouraging the learning and development of cartographic study in the UK. The closing date for these awards is Saturday 19th July 2008.

The following BCS Awards are also now open for entries until 30th May 2008.

The Stanfords Award for Printed Mapping, The Avenza Award for Electronic Mapping, The Ordnance Survey MasterMap Award for Better Mapping, and the John C. Bartholomew Award for Small Scale Mapping.

The BCS is pleased to announce that the John C. Bartholomew Award will be continuing with the full support of the Bartholomew family, following John’s passing earlier this year. See below for further details.

The line-up of categories is also joined by The Henri Johns Award for the best Cartographic Journal article sponsored by Lovell Johns.

Spotlight on the John C. Bartholomew Award for Small Scale Mapping

Sponsored by Collins Bartholomew, and continuing with the support of the Bartholomew family, this award has been seeking out the best in small scale thematic mapping since the early Eighties.

Recent winners have included entries from The National Geographic Society, The British Antarctic Survey, Lovell Johns and GED-Projects. See the website for details of previous winners.

This award is presented for originality and excellence in the field of thematic, non-topographic, small-scale cartography (1:100,000 and smaller) with emphasis on effective communication of the intended theme or themes.

The award comprises a crystal trophy and a certificate, and the winner is put forward to go head-to-head with the other three Award category winners to be crowned Best Entry of the Year and receive the BCS Award trophy.

To see examples of other qualifying maps for this award, please visit the Awards section of the BCS website: www.cartography.org.uk

Continued on page 19...
Welcome to our collection of cartographical, geographical and just plain interesting snippets and facts.

We hope to keep the contents of this spread varied and interesting. Short quotes, reviews, news and helpful tips. If you have anything you would like to see featured on these pages please send your contributions or suggestions to the Editors, details on page 2.

Many thanks to Alan Collinson for the Freehand/Illustrator tips and Peter Vujakovic for his magnificent cartoon.

‘Mapping’ is sexy again, cartographers are not!
The above quote, ascribed to Chris Perkins at a recent ICA conference, seems rather pertinent in the light of Microsoft’s recent purchase of Multimap for an undisclosed sum. Apparently the software giant, not used to playing second fiddle, is rather peeved that Google Maps and Earth tools now dominate the global online mapping and location market. The demise of Freehand has left the cartographers using it with little choice but to move to another programme. Here are a few more tips for those moving to Illustrator. Here I am talking about using Illustrator CS2.

To Create a Graphic Style
1. Go to ‘Window’ and select graphic styles.
2. Select or create what it is you want to make into a style, line and fill.
3. With sample still selected, Create new style and name.
4. Click ‘OK’.

Style will appear in Graphic Styles menu. Done.

To Create a Text Style
1. Go to ‘Window’ and select type.
2. Select ‘Character Style’.
3. Choose or create the text you want to make into a style.
4. Create new Character Style and name.
5. Click the new style in the Character Styles box. A cross will disappear.
6. Click new style again and cross will disappear.
7. New Character Style is done.

From Freehand to Illustrator, some useful tips #2

Both of these operations are quite simple on their own but what if you have imported a Freehand file (the styles will have been deleted), and you want to restyle all your graphics and text? This is easy enough if your Freehand document was well constructed, because although the styles have been lost you will find that the layers have not. If all your streams are on their own layer, your rivers on another and your coastline on another then you are laughing.

If your layers were not very tidy, it is best to rectify this first.
A. Turn off all layers.
B. Starting at the bottom layer, check that it only has on it what it should have. Everything the same, no mixed sorts, e.g. streams and rivers.

When everything is sorted go to 1. above.

If however your layers are a bit mixed up and you can live with it then proceed to the select similar routine.
1. Select the layer you want to work with.
2. Click the circle at the right hand side of the layers palette, on the layer you are working with.
3. This will select everything on that layer.
4. Create a new character or graphic style and action as above (just click ‘OK’ for a graphic, or Items 5 & 6 for text).

Happy Mapping

ERRATA
We were given the wrong email address for Jonathan Ferman, Adobe’s Business Development Manager, Media and Publishing. Here is the correct one.
Email: ferman@adobe.com

Please send him lots of Freehand/Illustrator questions and comments.

Great minds of the past grapple with the big issues of today: #2 Sir Isaac Newton.

Here is our second offering of tips and information for those of us who are struggling with the transition from Freehand to Illustrator.

The demise of Freehand has left the cartographers using it with little choice but to move to another programme. Here are a few more tips for those moving to Illustrator. Here I am talking about using Illustrator CS2.

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6. Click new style again and cross will disappear.
7. New Character Style is done.

Whatever Happened to Tanganyika?

Having been given this book for Christmas, I recently picked it up and discovered a fascinating collection of geographical tit bits. The book looks at place names that have disappeared and describes what has happened to those places since. Do you remember Tanganyika? This takes me right back to my stamp collecting days when I was at school.

Places in the book include Rutland, Hispaniola, Halicarnassus, Transcapia, Königsberg, San Serriffe and many more. If you would like to delve into the past and see how things change then this is the book for you. The author is Harry Campbell, it is published by Portico which is an imprint of Anova Books Ltd. ISBN 9781906032050, £9.99.

Strongly recommended.

The Gough Map – first road map of Britain?

Happy Mapping
BCS Administration Report

Subscriptions for 2008

<table>
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<th>Category</th>
<th>Amount</th>
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Total £555

During 2007 53 new members joined the Society, we had 48 resignations and 3 deaths. Approximately half of the resignations can be attributed to the increase in subscription rates from 1 January 2007. At the end of the year 79 members were removed from our mailing list for not paying their full subscriptions and we lost contact with 5 members who changed addresses. At the time of writing (early March) we have welcomed 23 new members since 1 January 2008, and 8 of the 79 suspended members have paid in full.

New members: The Society has pleasure in welcoming the following new members who have joined since publication of the December 2007 edition of Maplines.

Corporate Members: Steer Davies Gleave.

Small Members: Global Mapping Ltd.

UK Members:
- Mr S A Barnett, Mr S Booth, Mr L R Carpenter, Dr N Green, Mr T Harper, Mr J R Harty, Mr C H Holcroft, Mr P J Marriott, Miss C Neal, Mrs Y E Oates, Mr D Olajide, Mr P K Renault, Mr M Simonsson, Mr G Thomas, Dr A E Thornide, Ms E Watts, Mrs J West, Mrs C S Winfield.

Overseas Members:
- Dr L Diaz (Finland), Mr M Hite (Canada), Dr A E Thorndike, Ms E Watts, Mrs A L Osborn, Mrs T Dlouhova, Mrs A P Horrigan, Mrs T Dlouhova.

Fellows: At the February meeting, Council was pleased to award Fellowship status to Mr G L Martin FBCart.S.

A very successful Fellowship Evening was held at the RGF Club, London, on Tuesday 5 February. Fifty-four Fellows and their guests enjoyed a convivial reception followed by a fascinating presentation by David Shukman, Environment and Science Correspondent for BBC News. The evening also celebrated the launch of the Society’s new website. Have you considered applying to become a Fellow of the British Cartographic Society? Visit our website or contact BCS Administration for further information.

BCS Council: Nomination forms are enclosed in this issue of Maplines. Council is the Society’s governing body; it is vital for the Society that it fairly and clearly reflects the diverse membership of the Society. The Society’s Executive Committee is keen to get new Council members on board to help achieve the strategic objectives and to strengthen the Society. Council must be a dynamic body where lively debate on how to take the Society forward can take place. Please consider carefully what role you could play within the Society, and whether you would wish to stand for election to Council this year.

Meetings are held three times a year in London with an additional meeting at each Symposium. Expenses are paid for attendance at meetings and to cover other costs resulting directly from Society business. The next election will take place at the AGM in early March during our Symposium in Newport Pagnell.

If you wish to stand, please find two members who are willing to propose and second you. Completed forms should be returned to the address on the form by 1 July 2008, by mail or fax. For further information as to what standing might involve, or if you need help in contacting other members to nominate you, please contact me at BCS Administration.

Ken Atherton, BCS Administration, 12 Elworthy Drive, Wellington, Somerset, TA21 9AT , England, UK. Tel/Fax: 01823 665775, Mobile: 07917 274747, Email: admin@cartography.org.uk

For more information on Council, see page 2

Calendar

14th – 17th July 2008
Land, Landscape and Environment, 1500-1750 Early Modern Research Centre, University of Reading, England. For further information see:

29th – 30th July 2008
Sixth National Crime Mapping Conference, Manchester Central, Manchester. For further information see:
www.uk-cmc.org

31st August 2008
The 2008 Annual UK GEOForum Lecture, The OneGeology Project, Ian Jackson, BGS, Christopher Ingold Chemistry Lecture Theatre, Chemistry Building, UCL. Timing 1730 for an 1800 start, for further info contact Peter Jolly on pjojey@esiuk.com

1st – 4th September 2008
Society of Cartographers 44th Annual Summer School, University of Aberdeen, UK. For further information see:
www.soc.org.uk

3rd – 6th September 2008
British Cartographic Society 45th Annual Symposium and Map Curators’ Workshop Presentation, workshops and social events. Harben House, Newport Pagnell, UK. For more information contact BCS Administration, admin@cartography.org.uk

10th – 12th September 2008
Shifting boundaries: cartography in the 19th and 20th centuries. International Symposium on the History of Cartography, The ICA Commission on the History of Cartography, University of Portsmouth, UK. For further information contact Peter Collier peter.collier@port.ac.uk

For more information contact:
admin@cartography.org.uk

BRITISH CARTOGRAPHIC SOCIETY Forthcoming Council and Executive meetings
Council: London, Tue 10 June 2008
Harben House, Newport Pagnell, Fri 5 September 2008
Executive: OS, Southampton, Mon 19 May and Mon 19 August 2008
For more info contact:
admin@cartography.org.uk

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Visit the BCS website at www.cartography.org.uk

Visit the BCS website at www.cartography.org.uk

Visit the BCS website at www.cartography.org.uk

For more cartographic and geographical events see the Calendar on the BCS website
www.cartography.org.uk

continued from page 14

...classmate, enabling him to move onto the national final.

John lived a full life. He never believed he would live to see the turn of the Millennium. Undaunted by the onset of ill health six years ago, he was determined to remain as active as possible. He never believed he would be able to celebrate his Golden Wedding anniversary two years ago – a proud milestone. In his last few months he still rallied to the cause of the Scottish Rights of Way to attend their meeting. He also judged entries for the BCS John C. Bartholomew Award for Small-Scale Mapping. In December, he was evaluating the newest edition of his beloved Times Atlas – and comparing it carefully with multiple sources. Roadshows will be held in:
- July: Millennium Stadium, Cardiff
- 4 June: Edinburgh
- 10 June: The Royal Statistical Society, London

For more information see www.dnf.org

EVENT DETAILS WANTED

Please send all contributions to the Editors, see page 2
Welcome to BCS Corporate member, the Isle of Man Government Mapping Service along with the charity, Manx Bird Atlas, our Guest Quizmaster and prize sponsor for this issue. Our winner will receive a copy of the Manx Bird Atlas, an atlas of breeding and wintering birds on the Isle of Man, awarded second place in the Best Bird Book of the Year 2007, by the British Trust for Ornithology. The Manx Bird Atlas project is something new; not just a fascinating survey of the rich and remote landscape of the Isle of Man but a new standard in research methodology likely to have an international appeal as an example to future atlas compilers and bird watchers.

The use of GIS systems in compiling and analysing the research has been hailed as ground breaking in its field and it contains beautiful hand-drawn images and full-colour maps. More information can be found at www.manxbirdatlas.org.uk. Our Guest Quizmaster, Rob Clynes, Chief Cartographer, hopes that this prize should appeal to both ornithologists and mapping and GIS enthusiasts alike.

So don’t delay, spot those differences and get your entries in!

Send your entries to: Rob Clynes, mapping@manx.net or send a marked-up photocopy to Rob Clynes, Department of Local Government & the Environment, Murray House, Mount Havelock, Douglas, Isle of Man, IM1 2SF.

Closing date for entries is 10 June 2008

December’s Quiz answers

Congratulations to Bruce Davis, winner of December’s Quiz

If you would like to be a Guest Quizmaster or Sponsor to publicise your company, geographical event or charity please see page 2 for further details.