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NATIONAL PROGRESS REPORT OF DENMARK 1992-1994

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Map curators group

Since the last conference in Barcelona, the Danish map curators group has held two meetings only. Our main problem is, that there are not many map curators in Denmark and it is therefore of the utmost importance that we have the possibility of attending the LIBER meetings.

Education in map curatorship

Being few map curators also affects education policies. Were we to have a training programme for map curators, it would have to be in co-operation with other countries, as we have discussed within LIBER before.

Acquisitions, collection-development and exploitation

Pilot project: Historical Maps of Elsinore. A CD-ROM

The National Survey and Cadastre - Denmark, The Royal School of Librarianship, The Royal Library and perhaps, the local archives of Helsing¢r and the Danish National Archives, are planning to scan old maps, cadastral maps and charts of Helsingor, and to supply these with information from the archives. The end-product will be a CD-ROM and a bibliography on maps of Helsingor.

Picture recording project in the Royal Library

In 1992 the Royal Library started a project within the Department of Maps, Prints, and Photographs, scanning items from one of the special collections with a digital (JVC) camera. The images are stored both on hard-disc, CD-ROM, and Denmark 371

on a back-up tape. The quality of the images, i.e. their resolution, is as of now, high enough for publication in newspapers, reports, etc. In future, we hope the resolution will correspond to that of printed books. The bibliographical recording of the items is done in a MARC format and the records can be retrieved in our OPAC system, REX. The pilot project comprises about 4,500 prints and 10,000 photographs and is to be completed by 1995. In future the scanning method will most likely be applied to cartographic material as well.

From answers I received from other corresponding members in Denmark I have gathered, that most map collections have equipment for displaying maps and atlases on CD-ROM. In Aalborg, where the chartered surveyor's education takes place, the university library has made GIS available to the readers. We are awaiting a report on this. Odense University's cartographic documentation centre is also working with GIS programs in a research project, for the purpose of making a cartographically based database.

New developments in electronic media/communications

One of the most important projects within the National Survey and Cadastre-Denmark is the digitizing of cadastral maps. The area administered by the National Survey and Cadastre will be digitized by 1997, i.e. all of Denmark except for Copenhagen and Frederiksberg. The cadastral register has already been digitized and other place-related information will be added by and by. To date, one fourth of Denmark's cadastral maps is available in digital form.

Conservation and restoration

The archive of the National Survey and Cadastre is systematically unrolling all its previously rolled maps for horizontal storage.

Special developments

In 1994 the archivist of The Archives of Cadastral Maps - Denmark, Hans Ejner Jensen, retired. His successor, Peter Korsgaard, is a historian. His job has been re-defined, not only comprising the cadastre but all archives of the National Survey and Cadastre - Denmark.

A new Head of The Department of Maps, Prints, and Photographs at the Royal Library, has finally been appointed.

Ingrid Fischer Jonge, who is an art historian, will enter upon her new job on October 1st 1994.

A new Chairman for The Danish Cartographic Society, Casper Sorensen, was chosen. He owns a map producing agency, and one of the items he will work on within the society is: The value of information in maps. Contents, design and

presentation of geographical data, especially in connection with computer technology.

On December 2nd 1992 the Director of the Royal Library could inform his employees, that funds for the building of an extension to the present building had been granted by the government. In spring 1993 an architects competition was launched within the European Union and Scandinavia for plans of a new library building, which will double the existing area to a total of 25,000 square metres. The winners, architects Schmidt, Hammer & Lassen from Arhus, have sketched an attractive solution, combining the functional with the aesthetic. The petname of the new building is 'the black diamond', its walls being made of polished, dark granite. The skeleton was meant to be ready in 1996, when Copenhagen will be cultural capital of Europe. At present, however, we expect the building to be ready for the IFLA conference in 1997, and, of course, for the LIBER GdC conference in 1998!

In addition to an extension to the library, we were also granted funds to build a new stack building of 8,000 square metres. In the long run the library is planning to extend the stack capacity further, which, apart from giving us more space, will serve the purpose of uniting the major part of the stacks in one location.

Also for the Department of Maps, Prints, and Photographs, the new building is a true asset. We are to be housed in it, and are thus already deep into The Logistics of Moving a Map Collection, to quote Jim Elliots paper of 1986.

Apart from becoming a "Specialist Centre" of appr. 2,200 square metres with our own reading room, we will also get a 300 square metres exhibition area. This will provide, among other things, a permanent home for the globes of the Map Department, i.e. the 18 out of the 27 globes that can be exhibited in their present state, as most of the remaining globes are badly in need of restoration.

Conferences and symposia

To celebrate the 150 year anniversary of the present Danish cadastre on January 1st 1994, the National Survey and Cadastre - Denmark gave a reception. Besides the papers given on the historic aspects, a special edition of the journal The Surveyor was dedicated to the anniversary, describing the technical and administrative changes that the field of cadastral maps has undergone during the past 50 years. In the conference-room an exhibition on the new cadastral survey of Denmark from 1804-1844 was laid out.

From the 20th to the 21st of April 1994 a seminar was arranged by The Danish Cartographic Society and the Society for Photogrammetry. The theme was Today's maps in the future. The papers mainly dealt with digital maps and GIS and their impact on both producers and users.

On October 3rd 1994, a debate meeting took place in Copenhagen,

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concerning the foundation of a Danish Society for Geographic Information Systems, DK-GIS. For those not familiar with GIS, there were demonstrations of how GIS can be used for various purposes, and talks about future possibilities for the use of GIS.

Exhibitions

The Map Department of the Royal Library has contributed with maps to several exhibitions during the past two years.

From a map curator's point of view, the most interesting exhibition was on Danish historical charts in the Naval Museum, displaying material from 3 institutions. Of particular interest were the oversized manuscript charts by the great Danish hydrographer, Jens Sorensen (1646-1723).

Publications

Rare Globes: A culture-historical exposition of selected globes made before 1850 - especially connected with Denmark / by Ib Ronne Kejlbo. - Copenhagen: Munksgaard, 1994. - [300p.]: 60 ill., partly in col.

In 1989, the Department of Maps, Prints, and Photographs acquired the large collection of Sylvest Jensens aerial photographs. A book on aerial photography, with contributions by staff members of the department was published last year: Set fra Luften: Sylvest Jensen og den danske bondegard = [Seen from the air: Sylvest Jensen and the Danish farm] / red. Claus Bjorn. - Kobenhavn: Det Kongelige Bibliotek og Landbohistorisk Selskab, 1993. - [126p.]: col. ill. - ISBN 87-7526-133-2. - Dkr. 188,-

Bjorn Westerbeek Dahl, a prolific writer on the history of cartography, has published a book on the mapping of Vejle County, by request of the Society for the History of Vejle County: Kortets historiei Vejle Amt: fra renaissancens byprospekter til 1800-tallets generalstabskort = [a history of the mapping of Vejle County: from the town views of the Renaissance to the survey maps of the 19th century] / af Bjorn Westerbeek Dahl. - Vejle: Vejle Amts Historiske Samfund, 1993. - [135p.]: col. ill.

A bibliography on literature about GIS available within the Danish library system was published by Aalborg University: GIS bibliografi :selektiv bibliografi vedrorende Geografiske Informationssystemer = [GIS bibliography : selective bibliography concerning Geographic Information Systems] / Hans Kiib (red.) ... [et al.]. - Aalborg : Institut for Samfundsudvikling og Planlaegning, Aalborg Universitet, 1992. - [74p.] : ill. - ISBN 87-89088-70-0.

Other publications by Aalborg University: GIS Research - selective bibliography on researchers and teachers involved in GIS at the Department of Development and Planning, Aalborg University.

GIS i Danmark = [GIS in Denmark] / red. Thomas Balstrom ... [et al.]. - Kobenhavn : Teknisk Forlag, 1994. - [512p.], ill.

The book contains an introduction to the most basic technological principles in GIS and an exposition of its possible applications. 48 professional users of, and researchers in, GIS in Denmark present in this book their thoughts, experiences and visions of a tool being in ever-expanding use all over the world.

The Ministry of the Environment's committee on GIS has issued a catalogue of digital maps produced by the departments of the ministry. Several of the maps come from the Geological Survey of Denmark: Katalog over Miljoministeriets geografiske data = [catalogue of the geographical data of the Ministry of the Environment] / udarb. af Miljoministeriets GIS-gruppe. - Kobenhavn: Skov-og Naturstyrelsen, 1993. - [37p.].

In 1993 The National Survey and Cadastre - Denmark issued a CD-ROM comprising topographical maps of Denmark on the basis of their analogue maps of Denmark on the scale 1:25,000. Also their digital maps are for sale, in the scales 1:25,000 - 1:1,000,000. The sets of data are not standard products, but are tailormade for the customer.

Danmark pa CD-ROM: Danmarks topografiske kortvaerk = [Denmark on CD-ROM: topographical maps of Denmark] / Kort-

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og Matrikelstyrelsen. - Malestok 1:25,000 og 1:100,000. -Kobenhavn : KMS, 1993. - 5 disks. - Annual update. - For use on an IBM-compatible PC, running DOS4.01 or higher. - Dkr.25,000.