IFLA Journal Volume 20, No. 2, 1994

ISSN: 0340-0352

Contents

Introduction by the Chair of the Editorial Committee	.108
Libraries and Library Science in Cuba	
by Emilio Setien Quesada	109

Abstract: For the occasion of the 60th IFLA General Conference, to be held in Havana, Cuba from 21 to 27 August 1994, the author presents a survey of the historical background to the development of libraries in Cuba, and Cuba's strategic plan for libraries until the year 2000. Covered are public libraries, school libraries, university libraries, special libraries, and libraries serving workers at the workplace, professional associations, and education and training for library and information workers. The different functions undertaken by the Biblioteca Nacional through various stages in its history are also covered.

Professional Responsibilities of Librarians and Information Workers by Russell Bowden......120

Abstract: The article considers whether library and information work is professional and measures its professionalism against six criteria of a social scientist. It identifies skills and competencies at technician and professional levels. Eleven responibilities are identified, two of them to society in general, concerned with the unhindered flow of information and the rights of access of individuals to the information they seek.

Abstract: The article reports on a life cycle costing study undertaken by the British Library as a means of both forecasting retention costs and of clarifying the relationship between acquisition and retention policies. The need for such a tool is not peculiar to the British Library. Libraries are increasingly interested in reducing costs and allocating resources effectively in the face of competing demands. Moreover, they are required to demonstrate that they provide value for money. In recent years the cost of library materials and the effects of the increasing prices, particularly of serial titles, on the library budget has received much scrutiny. However, there are many other underlying costs, including costs of selection, accessioning, cataloguing, preservation and storage. Life Cycle Costing is an accounting concept which takes account of all the significant net expenditures arising during the ownership of an asset. This technique can be effectively applied in library operations, where its use will provide an increased degree of cost consciousness and understanding, and to highlight to a library's parent body and users, and to its management and staff, areas in which

overall funding fails to meet expectations and commitments.

Past, Present and Future Relations between the IFLA Section of National Libraries and the Conference of Directors of National Libraries

by Bendik Rugaas.....141

Abstract: The paper starts with a brief historical introduction to the foundation of CDNL, its organization and statutes, giving examples of the initiatives taken and the projects that have been completed. Focusing on the situation today, the paper discusses the changing role of the national library in relation to developments in society, as well as new demands and possibilities opened up by the new media and new information carriers. The paper indicates areas that should be given particular attention in years to come: how to handle electronic publishing and all the new information carriers that are now available. This puts items like organization, leadership, management and information policies high on the present and future agenda of national libraries. The paper outlines a possible future working relationship between CDNL and the IFLA Section of National Libraries.

Connectivity for Libraries and Information Services - Introduction

by Sally H. McCallum.....145

Connectivity and Navigation: An Overview of the Global Inter-Networked Information Infrastructure

by Craig A. Summerhill......147

Abstract: The Internet is a collection of computer networks which spans the globe and reaches every continent in the world. The opportunity for service development in the Internet holds great potential for the library profession. An overview of current networked applications is provided, and the role played by the National Science Foundation Network (NSFNET) is examined. The architecture of the current information environment is surveyed, and some of the chief challenges to the development og highly reliable and precise wide area information retrieval systems are identified. For librarians and information technologists interested in meeting these challenges, opportunities exist to address them through organizations such as tyhe Coalition for Networked Information and the Internet Engineering Task Force.

Connectivity and Protocols - The Technical Side: OSI and TCP/IP, FTP, TELNET, SR, ILL, Update ${\bf C}$

by Liv A. Holm......158

Abstract: Networks are modeled in layers. For each layer, one or more services are defined, and for each service a protocol is specified. TwoOSI application level protocols have been defined for library services: Srand ILL. The underlying layers are supposed to be OSI services, but some implementations are using TCP/IP, and some are using a mixture of OSI and TCP/IP. The systems based directly on TCP/IP can not communicate withthose based purely on OSI. The article discusses the pros and cons for choosing OSI or TCP/IP. Gateways between the OSI and TCP/IP networks are needed. The ISO protocol SR and the ANSI protocol Z39.50 are both "search andretrieve" protocols. The SR is almost a subset of the Z39.50, but they may become identical in the future. These is only one protocol for interlibraryloan, the ISO ILL protocol. It covers three models of interlibrary loan and all services connected with ILL. Other services such as Explain, Scan and Update are presently being discussed in ISO TC 46. The library community also needs network services such as file transfer, remote login,

directories, and electronic mail. These are discussed in the paper.
IFLA Reports
Electronic Copyright: The Issues by Sandy Norman171
News Section
From IFLA's Secretariat
More Information from the Havana IFLA Conference Organizers, 21-27 August 1994
From the Core Programmes
News from the UAP Core Programme191
From the ALP Core Programme
Annual Report 1993 of the IFLA CALP Core Programme by the Programme Director, Birgitta Bergdahl194
From the PAC Core Programme:
Annual Rport 1993 of the IFLA PAC Core Programme by the ProgrammeDirector, Jean-Marie Arnoult201
From the UAP Core Programme and the Office of International Lending:
Annual Report 1993 of the IFLA UAP Core Programme and the Office of International Lending by the Programme Officer, Graham Cornish and other staff
From the UBCIM Core Programme:
Annual Report 1993 of the IFLA UBCIM Core Programme by the Programme Officer, Marie-France Plassard215
From the UDT Core Programme:
Annual Report 1993 of the IFLA UDT Core Programme by the Programme Director, Leigh Swain, and the Programme Officer, Paula Tallim221

3 of 4

Universal Bibliographic Control - Second International Seminar, organized by IFLA and the National Library of Romania, Bucharest, 11-14 August 1993......224

Reports of Meetings

21st International ISBN Agency Advisory Panel Meeting, Budapest, 14-15 October
1993227
First International Conference on Grey Literature, Amsterdam, 13-15 December
1993228
Publications of International Relevance231
Miscellaneous232
International Calendar236

 $\textbf{Latest Revision:} \ \textit{November 2, 1998} \ \textit{Copyright} \ @ \ 1995-2000$ International Federation of Library Associations and Institutions www.ifla.org