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(ITU) للاتصالات الدولي الاتحاد في والمحفوظات المكتبة قسم أجراه الضوئي بالمسح تصوير نتاج (PDF) الإلكترونية النسخة هذه والمحفوظات المكتبة قسم في المتوفرة الوثائق ضمن أصلية ورقية وثيقة من نقلاً

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# WORLD COMMUNICATIONS YEAR

## Development of Communications Infrastructures



1983

*The General Assembly,*

.....  
*Recognizing the fundamental importance of communications infrastructures as an essential element in the economic and social development of all countries,*

*Convinced that a World Communications Year would provide the opportunity for all countries to undertake an in-depth review and analysis of their policies on communications development and stimulate the accelerated development of communications infrastructures,*

*1. Endorses the proposal made by the Economic and Social Council in paragraph 1 of its resolution 1981/60 and proclaims the year 1983 World Communications Year: Development of Communications Infrastructures, with the International Telecommunication Union serving as the lead agency for the Year and having responsibility for co-ordinating the interorganizational aspects of the programmes and activities of other agencies;*

*2. Requests all States to participate actively in the attainment of the objectives of the World Communications Year;*

.....  
Extract from United Nations General Assembly resolution 36/40 adopted on 19 November 1981

## WCY News

### **The Malagasy National Committee plans to organize two discussion lectures.**

As part of the celebrations for World Communications Year, the Malagasy National Committee has included in its programme two discussion lectures intended for the general public. These will take place at Antananarivo in September 1983 and will be attended by international figures.

The first lecture is expected to be on "The world telecommunication network and its prospects". The aspects to be dealt with will include the setting up of the world network, the present situation, a survey of the facilities used and the use of modern techniques and their implications for the developing countries.

The other discussion lecture, entrusted to an African telecommunications personality, will deal with the development of telecommunications in Africa: status of telecommunications in Africa, fundamental needs and problems relating to the satisfaction of those needs. Special emphasis will be given to the transfer of technology.

Owing to difficult economic circumstances, the Malagasy National Committee is unable to finance the participation costs of the speakers. These events are of major value to the African countries and the future develop-

ment of their national telecommunication networks, however, so the Malagasy National Committee appeals to donors for financial assistance to bear the cost of travel to Madagascar and the mission expenses of the African lecturer.

### **PTC mid-year meeting**

The Pacific Telecommunications Council's fourth mid-year meeting will be hosted by the New Zealand Post Office as a World Communications Year activity. Scheduled for Wellington during the last week of July 1983, activities will include a telecommunications workshop, a high-level seminar examining telecommunication needs, and a PTC Board of Trustees meeting.

Previous mid-year meetings of the PTC have been held in Tokyo, Washington, and Manila.

### **The communications revolution: key to United States-Asia relations**

The US-Asia Institute and the State Department of the United States have co-sponsored a Conference on the problems and potential of the communications revolution discussing the issues within the international context of the United States and Asia. Held on 21 and 22 April last at the State Department in Washington, the Conference brought

together over 35 organizations representing Asian and American leaders in government, and experts from regional and international organizations as well as private industry.

The US-Asia Institute, an American non-profit, non-partisan organization, was founded in 1979 by a group of Asian Americans concerned about the future of United States relations with countries of Asia. Recognizing the strategic importance of Asia, the founders established the Institute to strengthen ties between the East and the West fostering economic co-operation, communication and cultural exchange between the United States and the 2.5 billion people of Asia. Through research, symposia and publications, the US-Asia Institute serves as a vehicle for studying the issues, formulating viable alternatives and offering opportunities for interaction and discussion.

The evolution of new communications technologies, services and policies over the last decade has led to a "communications revolution" said Esther G. Kee, Executive Director of the Institute. This revolution brought up questions which need to be reviewed and analysed:

— What will the impact of new communications technologies be on the values of societies?

- How will the flow of information between the United States and Asia be increased through improved communications?
- What are the prospects for improved United States-Asia economic relations through communications?

Against this background, the Conference explored the role of telecommunications in the communications revolution; the prospects for an improved trade market with the communications boom; the development of increased information exchanges; how the United States perceptions of Asia are influenced by these advances, as well as the economic, legal, cultural and political implications of this new era of communications:

Experts in communications policy and technology from Asian countries including Japan, China, the Philippines and the Republic of Korea presented in a pragmatic approach their views on the key role of this communications revolution for the future of United States-Asia relations.

For further information, please contact: "US-Asia Institute, 1015 20th Street NW, Suite 222, Washington, DC 20036 (United States)".

### **Second International Conference on New Systems and Services in Telecommunications**

Following the success of the first such Conference in Liège, Belgium, in November 1980, the second International Conference on New Systems and Services in Telecommunications will be held from 16 to 18 November 1983. It will take place under the patronage of the Institution of Electrical and Electronics Engineers (IEEE) and will constitute one of the activities planned in Belgium for World Communications Year.

The Conference is being organized jointly by:

- the *Radio-télévision belge de la communauté culturelle française* (RTBF),
- the *Régie belge des télégraphes et des téléphones* (RTT),
- the Technical Centre of the European Broadcasting Union (EBU),
- the University of Liège.

The Conference has set as its objective a global, high-level analysis of the rapid technical evolution across the whole range of telecommunication services, the role of the engineer confronted by this technological potential and the market prospects. In 1980, the accent was placed on developments in systems for the transmission and broadcasting of data and on satellite communications. In 1983, the general theme is to be the explosion of digital techniques in the telecommunication and broadcasting networks, as well as in professional applications and domestic equipment. Under this general theme, the

provisional programme includes the following topics:

1. Digital coding of sounds and pictures (speech, high quality sound, still pictures, moving pictures)
2. Specialized services in satellite communications
3. Digital techniques in satellite broadcasting
4. Transmission and distribution networks (digital networks, broadcasting networks, integrated services networks, video-conference networks)
5. Higher levels of teletext and videotex
6. High-definition and extended-definition television.

Authors wishing to submit reviews or original papers are asked to send a summary of some 200 to 300 words to: "Professeur G. Cantraine, Université de Liège, Institut d'électricité Montefiore, Sart-Tilman B 28, B-4000 Liège (Belgium)".

Information concerning the scientific programme of the Conference may be obtained from: "Mme Vandevenne, Université de Liège, Institut d'électricité Montefiore, Sart-Tilman B 28, B-4000 Liège (Belgium)". Tel.: 32 41 56 26 11. Telex: 41 397 UNIVLG B.

### **WCY highlighted by United States telecommunication building industry leaders**

Some 600 telecommunication building industry specialists and representatives of telecommunication administrations, private operating agencies and telephone companies of the United States, Canada, Latin America, Asia and Europe attended the Building Consulting Service International (BICSI) Conference organized by the University of South Florida, in Tampa, from 25 to 28 January 1983. "World Communications Year 1983: Development of Communications Infrastructures" was the theme of this meeting. Mr. H. J. Pfister, President of BICSI congratulated the United Nations and the International Telecommunication Union (ITU) on their effort of creating through WCY 83 worldwide awareness and promotion of communications for everyone. In his keynote address, the personal representative of the Secretary-General of the ITU for WCY 83 recalled that the Year provides the opportunity for all countries to undertake an in-depth review and analysis of their policies on communications development and to stimulate the accelerated development of their communications infrastructure. He also hailed the excellent co-operation between BICSI and communications operating organizations in planning and implementing the communications infrastructure and encouraged engineers and building consultants to continue the "partnership in progress" to the benefit of a rapidly growing integrated world communications network.

## **News about the National Committees**

### **President Reagan proclaims World Communications Year in the United States**

At a White House ceremony earlier this year, President Ronald W. Reagan launched "World Communications Year" in the United States.

In issuing his proclamation, the President noted that although there have been remarkable technological advances in communication systems, many people throughout the world have not been able to take full advantage of them. Mr. Reagan hoped that observance in the United States would support efforts to stimulate the development of communications infrastructures for the betterment of all nations.

Earlier that day, President Reagan signed a proclamation urging Americans—and United States communications firms, in particular—to support communications development around the world during the United Nations-sponsored year-long event.

Participating in the proclamation ceremony was Mr. W. M. Ellinghaus, President of American Telephone and Telegraph Company (AT&T) who heads the United States Council for World Communications Year 83, which is planning and co-ordinating the American programme during the Year. About 100 leading corporations, universities, foundations, unions and trade and professional associations in the United States are participating in the Council's activities under the guidance of a Board (for composition of the Board, see page 292).

"If communications are in place, if communications are efficient, if they are technologically advanced" said Mr. Ellinghaus, "they are a key, in fact, the spur of economic growth—to enhanced productivity, to enhanced efficiency in all sectors of the economy. Conversely, if they are not", he added, "they act as a drag on the entire economy".

During the ceremony, Mr. Amory Houghton Jr., Chairman of Corning Glass, presented to President Reagan a special ornament conveying the symbol of World Communications Year, to be hung on the White House Christmas tree. The ornament is a disk of 10 cm in diameter, of transparent, photosensitive glass of the same family of materials used in digital displays and computer electronics. A pattern of holes were precision-etched along the side of the disk. Hair-thin optical waveguide fibres were looped through the holes together with the WCY 83 logo.

According to Mr. Ellinghaus, the United States activities during World Communications Year 83 will be aimed at:

- raising national and global consciousness of the importance of communications and related technologies;
- promoting world communications development (including telecommunications and broadcasting applications);
- stimulating research and trade in the field of communications and related technologies.

These activities should help achieve the objectives of World Communications Year. They include: corporate and academic-sponsored training projects; special television programmes; museum displays; children's poster competitions; and publications highlighting the importance of an improved global communications infrastructure for the betterment of mankind. Other initiatives of the private sector in the United States are anticipated, including technical assistance as well as equipment and facilities for projects in developing countries. Over one million dollars has already been pledged in cash or in kind by American corporations, academic and other private organizations. No public funding is anticipated. Nevertheless some federal government bodies plan to carry out activities in connection with the Year, including the Departments of State, Commerce and Defense, and the National Aeronautics and Space Administration (NASA), the United States Intelligence Agency (USIA), the Federal Communications Commission (FCC), the United States Postal Service and the Congress. In this connection, the United States Postal Service has already issued a 30-cent prestamped aerogramme form bearing the legend "Around the Nation-Around the World/World Communications Year 1983".

#### **Composition of the Board of the United States Council for WCY 83**

##### *Chairman*

William M. Ellinghaus  
President, AT&T

##### *Vice-Chairman*

Edward Ney  
Chairman, Young & Rubican Inc.

##### *Executive Director*

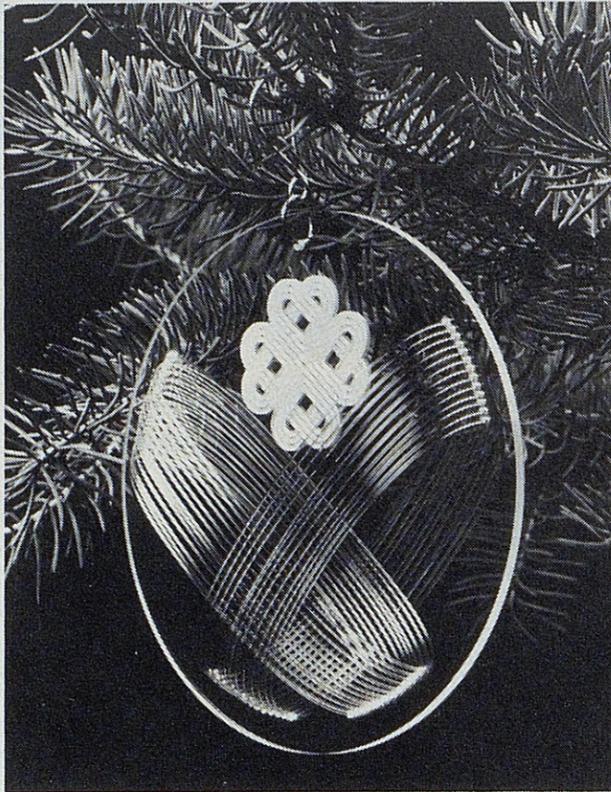
Carol Lee Hilewick  
Special Assistant to the President of AT&T for WCY

##### *Treasurer*

Hugh P. Donaghue  
Vice-President, Government Programs and International Trade Relations  
Control Data Corporation

##### *Directors*

Alan B. Kamman  
Vice-President, International Telecommunications, Arthur D. Little, Inc.  
Tedson J. Meyers  
Attorney, Peabody, Lambert and Meyers



*WCY 83 ornament offered to President Reagan by Corning Glass*

##### *Managing Director*

Joseph N. Pelton  
Executive Assistant to the Director-General of INTELSAT

##### *Secretary*

Jon Vondracek  
Director of Communications, Center for Strategic and International Studies, Georgetown University

The United States Council includes also 99 members representing the communications industry.

#### **German Democratic Republic**

(Source: WCY Committee)

Following the setting up of the WCY Committee, Mr. Heinz Aull, Chairman of the Central Commission for World Communications Year, has informed the WCY Secretariat of the progress achieved in the German Dem. Rep. with regard to its programme of activities.

The Central Commission, which is composed of representatives of 10 ministries and other central State agencies, was constituted at a meeting held on 1 September 1982, World Peace Day. The working group drew up a programme in which are included international as well as national activities. "The programme sets out our contribution to the realization of the Year's goals; its implementation requires active and constructive co-operation from all parties involved" said Mr. Aull in *Foreign Affairs Bulletin* published by the Press Department of the Ministry of Foreign Affairs of the German Dem. Rep.

Planned international activities include the following: participation in the forthcoming TELECOM 83 and particularly, the Exhibition, the Forum, the Book Fair and the Film Festi-

val. As regards international activities in the postal field, the German Dem. Rep. will participate in the World Stamp Exhibition in Rio de Janeiro and, in this connection, has issued a special stamp highlighting World Communications Year.

With a view to providing assistance to developing countries, the German Dem. Rep. plans to organize, in co-operation with the Universal Postal Union, a second training course for education experts from interested countries. It is also prepared to organize training courses in various fields of radio and television and to send experts to give assistance to news agencies in developing countries, within the framework of the International Programme for the Development of Communication.

National activities comprise stamp exhibitions organized jointly with the philately division of the League of Culture of the German Dem. Rep., a special display in the Postal Museum of Berlin, the use of special postmarks and franking machine inserts bearing inscriptions related to WCY. A Communications Day will also be commemorated in certain educational establishments, featuring film projections, round table discussions and lectures.

Following a comprehensive review of national requirements, the scientific capacities of the country's posts and telecommunications systems focus on the development of ways and means of accelerating the industrial exploitation of microelectronics, expanding high-channel transmission systems for cable and radio links, digitizing the telecommunication network, designing digital exchange and transmission systems and manufacturing data transmission equipment using optical fibre technology.

Mr. Aull also indicated that the creation and expansion of a national infrastructure was of special importance for newly independent countries and that telecommunications was playing a key role in this process. According to Mr. Aull, the German Dem. Rep. has established a record of many years of active involvement in this endeavour, in the form of training and technical assistance. So far, more than 1000 cadres from emerging nations and representatives of national liberation movements have received on-the-job training or have enjoyed training in the German Dem. Rep. The theoretical knowledge and practical skills thus acquired, covering mainly telephony, teleprinting and radiocommunications, have enabled them to perform their duties from the perspective of responsibility and self-reliance.

In his conclusion, Mr. Aull stated that the German Dem. Rep. will continue to extend international solidarity and assistance to developing countries and national liberation movements by carrying out a wide range of activities, be they on a bilateral basis or under United Nations programmes, thus contributing to ensure the success of World Communications Year.