

COMMUNICATIONS EXPRESS

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Reorganization: four sectors undergo changes

Following several weeks of study and consultation, a change is now underway: the Department of Communications is proceeding with major modifications in its organizational structure, and, more specifically, towards changes in the distribution of responsibilities among its Assistant Deputy Ministers. On July 30, Communications Minister **Marcel Masse** announced that the reorganization had been approved by Treasury Board.

This realignment of the department's organization is intended to better integrate its activities and consolidate the system for providing advice to the Minister concerning the agencies and Crown corporations under his responsibility. It will also eliminate overlap in the activities of certain Sectors.

There will be two stages to the reorganization. In Stage I, which is already taking place, departmental activities will be consolidated and rationalized, and the functions of the Assistant Deputy Ministers will be clarified.

In Stage II, changes will be made to the department's Research Sector. These should be completed and made public by this fall, following approval by Cabinet, and they may eventually involve the introduction of legislative measures.

Stage I includes the following major elements:

1) The Broadcasting and Content Services Policy Branch will be transferred from the Policy Sector to the Cultural Affairs Sector. The effect of this will be to bring together in a single Sector all copyright-based industries which are closely interrelated in both commercial and artistic terms. **Mr. David Silcox** will continue as Assistant Deputy Minister of the expanded Sector until a successor is named.

2) The Telecommunications Policy Branch will be transferred from the Policy Sector to a reorganized Research and Technology Sector, which will include the former Technology and Industry Sector. The new Sector, to be headed by **Mr. Ken Hepburn**, will also assume responsibility for the department's laboratories.

3) The present Policy Sector has been renamed the Corporate Policy Sector and it will only be involved with corporate activities, including the development of strategic planning and policy. The legislative responsibilities

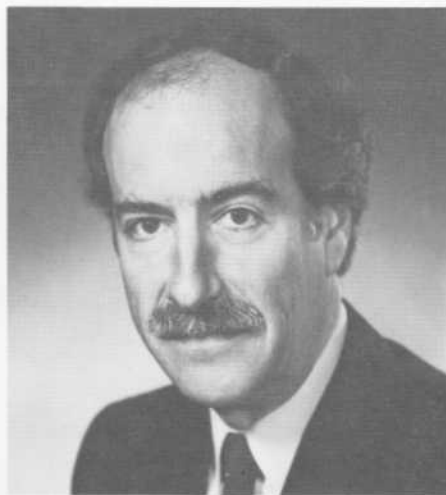
for copyright, formerly under the Cultural Affairs Sector and the Finance Sector's Program Evaluation Branch, as well as the Social Policy Division have been transferred to the new Sector. The Sector will also be assuming new responsibilities, including the establishment of centralized capabilities for socio-economic research, tax and labour relations.

4) The functions of the Personnel and Administration Branch will be grouped with those of the former Financial Management Sector

to improve co-ordination of the department's human and financial resources. **Mr. Michael Binder** will be Acting Assistant Deputy Minister, Finance, Personnel and Administration.

These changes are consistent with the conclusions and recommendations of the Comptroller General's recent study of the department. Needless to say, they will allow the department to increase its organizational effectiveness and to better fulfill its obligations to the Minister and the Canadian public.

Congratulations and best wishes to . . .



de Montigny Marchand, as he leaves DOC to accept a new challenge as Deputy Minister at Energy, Mines and Resources;



. . . and to **Alain Gourd**, who now takes on the responsibilities of Deputy Minister of Communications.

The readers have their say

To determine your wishes and your reactions to the material we have been publishing, we included a questionnaire in the May issue of *Communications Express*. Here are the results of the survey.

To date, 151 readers have returned the questionnaire, with their comments and suggestions. Of this number, 43 per cent report that they read all the articles and another 45 per cent say that they read most of them. Seventy per cent of those who responded usually enjoy the content, and

89 per cent like the format. The articles most preferred appear to be people, Sector and program profiles, and "Comings and goings," in that order. Seventy-six per cent of respondents would like to see a "Comments to the Editor" column.

Your thoughtful responses will certainly help us to make *Communications Express* truly a "voice of the people" for DOC employees.

Many thanks to all those who took the time to answer our questionnaire.

Comings and goings

Headquarters

Luc Marchildon, who was formerly with the Commission de la santé et de la sécurité du travail du Québec, is the new Special Assistant for Ministerial Affairs in the Minister's Office. **Jean Sutherland Boggs** joined the department May 16 as the Minister's Special Advisor on Cultural Affairs. Well-known in the cultural community, Miss Boggs will advise the Minister on architectural programs for agencies under his responsibility and will formulate policies on heritage.

DGIS welcomed two new employees:

Marie-Claude Larin, formerly a journalist with Radio-Canada and Radio-Québec, who will be Assistant to the Director General; and **Jacques Lalonde**, the new Director of Public Affairs, who was formerly Director of Public Hearings at the CRTC. **Sandi McDonald** was confirmed as Senior Officer in the Exhibitions and Audio-Visual Services Division.

In DGBP, **Mark Curfoot-Mollington** was confirmed as Policy Analyst in the Extension of Services and Special Audiences Policy Directorate.

Atlantic Region

Michel LeBlanc has left his position as Regional Superintendent, Projects and Measurements Engineering Section, to assume new duties with the CBC in Moncton.

At the Halifax District Office, Radio Inspector **Lee Gilbert** left the Public Service to return to the private sector.

Quebec Region

Since July 8, the Quebec Regional Office has had a new Director of Public Affairs, **Jean-Guy Beaupré**. Mr. Beaupré was formerly



Luc
Marchildon



Jean Sutherland Boggs

with External Affairs, where he was Assistant Director of the Regional Passport Office in Montreal.

The Canadian Workplace Automation Research Centre in Laval also welcomed a new Director of Public Affairs in June. She is **Lise Ladouceur**, formerly Senior Public Affairs Officer at Regional Industrial Expansion.



Marie-Claude
Larin



Jacques
Lalonde

Ontario Region

GTA has hired three junior telecommunications officers who have recently completed a telecommunications management course at Sheridan College in Oakville, Ontario. They are **Anna Thompson**, a former research assistant at York University, and **John DeSantis** and **Dilbag Kalsi**, who hold Bachelor's degrees in Microcomputer Management and Computer Science, respectively, in addition to diplomas in telecommunications.

In Regional Spectrum Control, **Alan Nixon** has been appointed Communications Technologist with the Broadcast Monitoring Service. Meanwhile, in the Telecommunications Sector, Systems Consultant **Laurie Dolan** left to join the private sector as a telecommunications analyst.

George Hastings was recently transferred from the Edmonton District Office to the Toronto District Office, as a Radio Inspector.

The Hamilton District Office recently lost two experienced employees: Supervisor **Gerry Mason** retired after 35 years in the Public Service, while **William Bouwhuis** left after 17 years. Our best wishes to Gerry and William.

Central Region

This summer, four Central Region officers retired: **Irwin Williams**, Deputy Regional Director and Director of Operations, on August 13 after 35 years of service; **Allan Simpson**, manager of the Program Development and Policy Analysis Section at the Central Region Office, on August 1 after 36 years; **Gerry Morgan**, Regional Manager for the Government Telecommunications Agency, on August 31 after 26 years; and **Murray Watson**, Manager of the Edmonton District Office, on June 1 after 39 years. Best of luck to all four in their future endeavours.

Under the safety hat

Following numerous complaints from employees about the heating, ventilation and air conditioning system in the Journal Tower North, the Occupational Health and Safety Committee took action and set up a seven-member subcommittee to look into the situation.

Chaired by **Larry Ormsbee**, the subcommittee's mandate is to establish liaison between employees and Accommodation Services to determine the nature and seriousness of prob-

lems and to ensure that employees are kept informed of any steps being taken to improve their well-being.

The subcommittee is in the process of drawing up a questionnaire, to be distributed to all DOC staff in September, which should help to determine specific concerns.

Meanwhile, complaints should be directed to Facilities Management at Headquarters, telephone 990-1900.

Together we care tells its story

Each year we are called upon to contribute to the United Way campaign. This year, the Public Service Division campaign will be launched September 16, with a target of \$3.9 million. Our departmental objective has been set at \$60,750.

Through donations, the United Way helps thousands of people to cope with problems such as physical and mental illness or handicaps, alcoholism, delinquency and even loneliness.

One of the United Way agencies is the Canadian National Institute for the Blind (CNIB), which is directed by volunteers such as **Gwen Andrews**, Director, Extension of Services and Special Audience Policy in DOC's Broadcasting and Content Services Policy Branch. Gwen is Chairman of the Board for the Ottawa-Carleton District Office of the CNIB.

With about 50 per cent of its budget coming from the United Way, the CNIB provides the approximately 1,500 blind and 10,500 partially-sighted persons in Ottawa-Carleton with help they desperately need.

Among the services offered is registration as a legally blind person, applicable to those whose sight is so impaired that they qualify

for the full CNIB service. Another preventive program provides treatment for those who are losing their sight, to help them face the changes they experience as their sight diminishes.

For the visually impaired, the United Way finances such services as social workers for adults, and partially covers the costs for social workers for young children and their families, rehabilitation and mobility instruction, eye-service nursing care, and the services of a district education administrator.

These are just a few of the CNIB services provided through successful United Way campaigns. As Gwen says, our local CNIB office "couldn't survive without the United Way." The same can be said for many of the other United Way-supported agencies.

So, when a volunteer canvasser comes to ask for your donation to help support the United Way agencies, please be generous. **TOGETHER WE REALLY DO CARE!**



Public Service Division,
United Way Campaign

La campagne de Centraide
Division de la Fonction publique

Together we run

A mini-marathon is to be organized in Ottawa for federal public servants to mark the beginning of the 1985 United Way campaign. This athletic event coincides with the 10th anniversary of the DOC Fitness Club, which has more than 250 members. It goes without saying that a number of runners from the department are already training for the run along the Rideau Canal.

The 10-km run will start at 11 a.m. on September 16. Runners will leave from the Department of National Defence Drill Hall parking lot (Laurier Avenue and Queen Elizabeth Driveway) and the finishing line will be at Agriculture Canada's Sir John Carling Building at the Central Experimental Farm.

Prizes will be awarded to the best male and female runners in various age categories. The DOC Fitness Club will be donating a Team Challenge Award to United Way on the morning of the run for the department with the greatest participation.

Those planning to participate may register between July 15 and September 9. For further information, contact the Run Coordinator, **Richard Beaudin**, at Headquarters, telephone 990-4863.



Eugène Thivierge, deaf-blind consultant with the CNIB, enjoys a joke with Donna Nickelchok, Case Manager, CNIB.



Winners and organizers of the 1985 golf tournament, from left to right: Marg Schur, Gaston Blais, Sonia Spires, Ernest Labelle, Ray Sitland, and Sylvie Charlebois-Laprade (Suzanne Allain was absent for the photo).

On May 24, 92 employees of the Department of Communications met at the Poplar Grove Golf Club in the suburbs of Ottawa for the annual DOC golf tournament. According to the Poplar Grove staff, ours was one of the largest tournaments in the region.

As in previous years, most of the players were inexperienced. Consequently, the organizing committee (**Ernest Labelle, Sonia Spires and Suzanne Allain**) decided to encourage the beginners by awarding prizes for the lowest net scores (total score minus a handicap). At the same time, the best golfers were rewarded with trophies or prizes for obtaining the lowest actual (gross) scores.

The winners of this year's tournament were: Women: lowest gross score, **Sylvie Charlebois-Laprade**, women's champion for the third consecutive year, with 93 strokes; lowest net score, **Marg Schur**, who came in with a 72.

Men: lowest gross score, **Gaston Blais**, who finished with 83 strokes; lowest net score, **Ray Sitland**, who scored a 69.

The event was a great success, and the organizing committee would like to thank all participants for their enthusiasm and support.

Hearty congratulations to the winners!

Lectures at the Department of Communications

Departmental employees are invited to attend two lectures to be given in September by university specialists as part of the Centres of Excellence Program, created in 1978 to recruit francophone scientists and technicians.

These lectures have been organized by the Official Languages Branch, which is responsible for awarding scientific and technical research contracts to industry and to French-language or bilingual Canadian universities under the Program.

On September 12, in Room 1544 of the Journal Tower North Building, Mr. André Caron, head of the University of Montreal's

Department of Communications; and Mr. Luc Giroux, a professor with the same department, will speak to employees about the results of their research on the popularity, use and impact of home computers. Mr. Michel Cartier, head of the Department of Communications at the Université du Québec in Montreal, will discuss the role of teleprocessing in the French-speaking world.

On September 18, in Room 1210 of the same building, Professor Michel Zins of Laval University will give a lecture on the development of a strategy for marketing Canadian communications products and services in certain African countries.

DOC receives citation

The Department of Communications has an excellent reputation for the generosity of its employees when blood donor clinics are held.

DOC recently received a citation from the Ottawa-Carleton Branch of the Canadian Red Cross Society for "support provided to the blood donor recruitment program."

During the past two years, 672 employees have given blood, and of these, 103 were new donors. The best turnout was on November 13, 1984, when 193 individuals responded to the call.

Three cheers for all donors!

The DOC Library tells its story

Are you looking for a book on telecommunications, a report or an article on the latest developments in data processing? You would like to know the results of Statistics Canada research on arts and culture? You want a videotape on telecommunications to show at a conference or meeting?

The DOC Library, located on the 14th floor at Headquarters, can respond to all these needs. With a staff of 10, it helps provide DOC employees with resource material to assist them with their work and makes its holdings available to other government employees and to the general public. It is also responsible for the Communications Research Centre Library.

A major documentation centre in the area of communications, the library boasts a collection of 750 journal titles and 14,000 books and reports on topics such as broadcasting, telecommunications, arts and culture, administration, etc. It also has an extensive videotape collection, which can be borrowed or viewed in a specially-equipped room. It offers a comprehensive range of services: bibliographical information, acquisitions lists, photocopying facilities, computerized cataloguing, and systems for circulating material, for interlibrary loans, etc.

The library is also equipped with DOBIS, an automated cataloguing system, which allows users to consult, through the National Library, the catalogues of the largest collections in Canada. A DOBIS terminal is available in the library for use by DOC employees. The location of a rare book in Canada can be determined using DOBIS. In addition, the system enables users to consult a listing of all works on legal deposit in Canada, France, England, Australia and the United States.

As well as its microfiche indexes, library users can consult the Selective Dissemination of Information System, or SDI, a system providing weekly or monthly computerized lists of selected works on the basis of an interest profile.

For some time, through the library's facilities, it has also been possible to gain access to over 200 bibliographic databanks. Using this service, background research can be carried out to obtain lists of all articles or books published on specific topics over the past few years.

The library is now, more than ever, a valuable research tool for DOC staff. In all, it is a worthwhile place to discover — or to rediscover.



DOC Library staff: from left to right: first row — Janet Jacobson (Chief, Public Services), Nicole Chater (Periodicals Clerk), Florentine Peters (Assistant Cataloguer); second row — Monique Perrier (A/Chief, Library Services), Zdena Vandoros (Chief, Technical Services), Claire Patry (Cataloguer), Diane Regaudie-Chartrand (Circulation Clerk), Dolly McElroy (Head, Acquisitions). Absent: Huguette Cousineau (Reference Assistant) and Muguette Brady (Library Clerk).

Study session for telecom managers

There is a need to integrate communications functions and to manage them efficiently.

This was the challenge presented to the 170 participants at the first Government Telecommunications Study Session held on June 5 and 6 at Statistics Canada's R.H. Coats building in Ottawa.

Organized by members of the interdepartmental Working Group on Telecommunications Training, the study session brought together telecommunications co-ordinators, telephone services officers, facilities managers and electronic data processing officers. The session included a number of talks and lectures as well as a debate organized in part to give an overview of telecommunications in

Canada, highlight the main criteria to be used in acquiring telecommunications equipment and define the responsibilities of departments and agencies in this regard.

According to **Richard Paukstaitis**, chairman of the organizing committee and Telecommunications Policy and Analysis Manager, GTA, the session was a very positive learning experience. "Participants' reactions to this session on telecommunications were very favourable and the feedback will help us identify training needs and priorities for future training sessions."

Those interested in obtaining further information about the session should get in touch with Richard Paukstaitis, in Ottawa, at 990-2303.

What is Olympus?

Since 1980, Canada has been participating in the Olympus program of the European Space Agency (ESA). Olympus, originally called L-SAT, is now undergoing extensive testing at the David Florida Laboratory (DFL), which is fully equipped for the testing and assembly of space components.

The Department of Communications is contributing approximately \$80 million to the Agency for Olympus and has invested an additional \$8.5 million in work related to the program. Through Spar Aerospace Limited, Canada is participating in programs such as the design and development of solar arrays and of a portion of the telecommunication equipment. Another Canadian firm, ComDev Limited, has obtained contracts for the design and manufacture of microwave relay components.

The first satellite in the new generation of high-powered satellites, Olympus is five times more powerful and four times heavier

than the largest Canadian satellite now in orbit. Olympus is 24.4 m long and weighs 2,400 kg with a structure resembling a rectangle. Its two wings are solar arrays made of silicon and covered with glass to reduce degradation caused by radiation in space. They also convert solar energy to electricity. Once the spacecraft is in orbit, the two wings unfold.

Testing at the DFL will be carried out on three models of Olympus. The first is a thermal model to test the satellite's ability to withstand the extremes of heat and cold in space; the second is a structural model to test the spacecraft's shock resistance during launch and determine its structural properties; and the third is a flight model to test performance, balancing and resistance to vibration. The latter model is the one that will actually be launched as Olympus.

Olympus will ensure telecommunication coverage of Europe, providing direct television broadcasting, and business or specialized services. It will also be employed for the development of frequency-band-use techniques for video-conferencing and telecommunication systems.

To be launched at the end of 1987, either by a space shuttle or launch vehicle, Olympus will be used for many telecommunications experiments over a period of at least five years.

There are a number of reasons for Canada's interest in Olympus: the satellite will allow us to expand our knowledge, increase national and international sales of solar arrays and telecommunication equipment, and promote the integration and testing of other large satellites in Canada. Furthermore, the ESA program offers Canada another opportunity to demonstrate its competence and its first-class facilities.

Visitors from Japan

On July 2 and 3, the department was host to a 28-member Japanese study mission on satellite communications systems. The mission's trip to Canada and the United States was organized by the Technology Transfer Institute. Professor Shigeo Tsujii of the Tokyo Institute of Technology, and Mr. Sadanori Amano of the Japanese Ministry of Posts and Telecommunications headed the mission. During their visit, mission members toured CRC, the David Florida Laboratory, and attended briefings about policy and regulatory aspects of satellite communications in Canada.



The two heads of mission are shown standing between George Davies, Director, Space Applications, and Francine Gallo (DID). To Mrs. Gallo's left is Elmer Hara, Director, Technology Assessment and Applications Planning. Raymond Provencher (DRPP) is at the top left.

Twenty-five years ago. . .

On June 22nd, 1960, Canada's first space hardware was launched into orbit. Aboard the United States Navy's navigational satellite Transit II A, built at John Hopkins University's Applied Physics Labs in Silver Springs, Maryland, was a Canadian "galactic noise receiver."

This experimental apparatus, consisting of two antennas and a receiver, was developed to provide scientific data on radio noise levels in space. The antennas were designed to have a double function; in addition to receiving radio waves, they took the place of weights

that swung out from the satellite to help control its spin. The information gathered by the Canadian equipment was important to the design of the topside sounder on Canada's first satellite, Alouette I, sent into orbit in 1962. Measurements of the topside of the earth's ionosphere helped to find ways of improving long-distance radio wave communications.

There were other significant benefits of Canada's participation in the Transit II A operation. Our researchers gained invaluable experience in "payload integration" — integrating a scientific experiment into a satellite, as well as in planning and executing

launch operations, and in satellite tracking and data acquisition. The project also set an important precedent for collaborative operations in Canada's space program.

Several current DOC employees contributed to this project of the Defence Research Telecommunications Establishment, predecessor to the Communications Research Centre (CRC): **Colin Franklin**, Director General, Application Programs; **Bob Hahn** and **Gilles St-Amand** of the Space Electronics Branch; and **David Boulding**, **Harold Raine**, **Fred Daniels** and **Bob Bibby** of the Space Applications Branch.