

COMMUNICATIONS

December 1987

 Communications
Canada

Express



COMMUNICATIONS CANADA

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Communications Canada — Looking SHARP



Pictured left to right — Tom Ohno, who designed and built the rectenna on the aircraft; Adrien Alden, who designed and developed the rectenna system; Bill Mather, who developed the microwave power system; Gerry Bower, the SHARP Pilot; Nev Reed, who did the video coverage of SHARP flights; Grant Phillips, who designed and built the tracking system; R.E. Barrington, the originator of the SHARP concept; John Martin, who conceived and developed the aircraft; Sanjo Adveni, who constructed and repaired the SHARP aircraft; the Minister, who was the enthusiastic supporter of SHARP; George Jull, who was the 1982-86 Project Manager; Jim DeLaurier, who developed, built and tested the aircraft; Lilliane Tremblay, secretary and enthusiastic supporter of the project; Joe Schlesak, SHARP Project Manager; and Marc Gregoire, who designed and programmed the tracking system.

For Ron Barrington and his small team of engineers and technicians, October 6 was a dream come true.

Together with Communications Minister Flora MacDonald and over 50 journalists from around the world, Dr. Barrington, Director General, Radar Communications Technology Research and Development, watched as the small microwave-powered aircraft circled 100 metres above the ground.

At that moment, a switch was thrown and batteries which had been powering the plane were switched off. The crowd around the field at CRC held its breath. But the propeller continued to turn and the plane kept flying.

The new source of power was a beam of microwaves — the same type used to cook eggs in the kitchen — beamed up from a dish antenna on the ground. Receiving antennas, or "rectennas," on the underside of the aircraft converted the microwaves into electrical current. SHARP was flying, with no tank and no fuel!

SHARP, the acronym for Stationary High-Altitude Relay Platform, is the result of five years of research, prototype design and testing. Through the combined efforts of industry researchers, the University of Toronto's Institute for Aerospace Studies, and engineers at CRC, the dream is now a reality. SHARP is the world's first microwave-powered aircraft capable of uninterrupted flight.

When commercialized, SHARP will fly in the upper reaches of the earth's atmosphere, powered by about a dozen ground microwave transmitters.

Possible application includes monitoring acid rain-producing sulphur dioxide.

It could carry radar sensing systems, for instance, to monitor activities within Canada's coastal waters.

In the communications field SHARP could provide a regional broadcasting capability and multiply the available spectrum.

Key members of the research team include designers John Martin and Bill Mather, project manager Joe Schlesak, and Adrien Alden and Tom Ohno, two scientists responsible for the rectenna development. All are now planning the next, half-scale flight model.

The half-scale model would be flown at altitudes of three to five km and will test the long endurance capabilities of SHARP.

Once the plane reaches its commercial phase, it would have a wingspan of over 35 metres, and fly at a height of 20 km.

Despite the daunting task ahead, Dr. Barrington remains optimistic. He reminds sceptics that "the Wright brothers only stayed aloft for 12 seconds on their first try in 1903."

A "spectrum" of responsibilities for Rob Gordon

Each year, millions of Canadians approach the Department of Communications seeking to expand and improve their ability to communicate — on the airwaves with the help of radio or through artistic and cultural expression. Responding to this public demand, creatively and efficiently, is the responsibility of Rob Gordon, the Assistant Deputy Minister, Spectrum Management and Regional Operations.

As manager of both the technically complex radio frequency spectrum and a network of 43 departmental offices across Canada, he is, in fact, the one responsible for the activities and people who are the public face of Communications Canada to Canadians across Canada.

An Engineering graduate of the University of Toronto and ADM for four years, Gordon entered public service in 1965 with the Department of Industry. Moving to Treasury Board, he worked as a Program Officer before



becoming Executive Assistant to the Secretary. His subsequent assignments included Director General of Federal-Provincial Relations for the Department of Communications; Director General, Education Support, for the Secretary of State; and Director of Operations, Economic and Regional Development Policy Secretariat, in the Privy Council Office.

Effective management of the radio spectrum ensures that all Canadians who wish to benefit from the power of radio communications can do so with maximum ease and a minimum of interference. It is an effort that is the result of many tasks performed by dedicated staff both in Ottawa and across the country.

Gordon compares management of the airwaves by DOC to Transport Canada's task of managing the airways. Routes, altitudes and navigational procedures must be specified to ensure safety in the skies. So, too, rules and regulations that govern radio use are continually developed and revised. Frequencies are assigned, stations licensed and operators tested, equipment standards are established and rules enforced — all to maintain that high quality of spectrum for which Canada is well respected and to prevent the airwaves from becoming a "Tower of Babel." When interference does occur, whether it is to radio or TV reception or to a descending aircraft, an investigation is launched and the issue resolved.

(continued on page 2)

The Canadian Heritage Information Network

The Canadian Heritage Information Network (CHIN) is one of five National Museums Programs to join Communications Canada this year.

Under the direction of Peter Homulos, CHIN has 34 staff members and provides computer-based information on many of Canada's major museum collections.

All across Canada, participating museums with micro-computers and computer terminals can access this internationally renowned system, a revolutionary improvement in information management for museums.

Homulos feels that CHIN has succeeded in gathering and providing access to information important to the country and has contributed to the recognition of Canadian heritage.

With the system's flexibility, special databases have been developed and maintained, including the compilation of a comprehensive record of stolen art objects created by the Interpol branch

Season's Greetings!

(continued from page 1)

Just how remarkable this management effort is can be appreciated when one learns that well over one million licensed radio stations operate in Canada, in a virtually interference-free environment, alongside some 2,800 TV and radio stations and millions of appliances that rely on radio waves to open garage doors and make telephone calls.

Gordon sees his responsibility for maintaining the health and vigor of regional operations as "one of the great parts of my job." Despite the rigorous schedule that it involves, he makes a point of visiting not only the five regional offices on a regular basis but also the many district offices as well. "It is essential that I hear directly what people in all parts of Canada have to say. District office staff

serve a critical function in their daily contact with Canadians for whom DOC programs and services are ultimately intended."

To facilitate this contact, Gordon, last year, convened a meeting of 29 district managers. "It was a great success," says Gordon, "an opportunity for managers from B.C., for instance, to talk to those from Newfoundland; to see that they shared similar problems and that they could develop new solutions."

"There isn't a lot of formality with our people," he remarks. "We foster the capacity to make difficult decisions with confidence. People who do that well are extremely valuable to the Department and that, of course, makes my job much easier."

United Way Campaign



Approximately 50 dedicated people from the Department donned their sneakers to participate in the Fun Walk/Run that launched this year's United Way Campaign on September 14.

Jean Pierre Charron (R.F. Technician at the DFL) and Bob Lenahan (Head, Cable TV Technical Evaluation and Certification) had the best finish times.

Many thanks to all the canvassers, organizers and others who donated their time and money to the 1987 campaign. Good work everyone!

We were pleased the National Museums staff joined us at the last moment in this year's United Way effort. We look forward to having them fully integrated into next year's campaign.

Photo contest

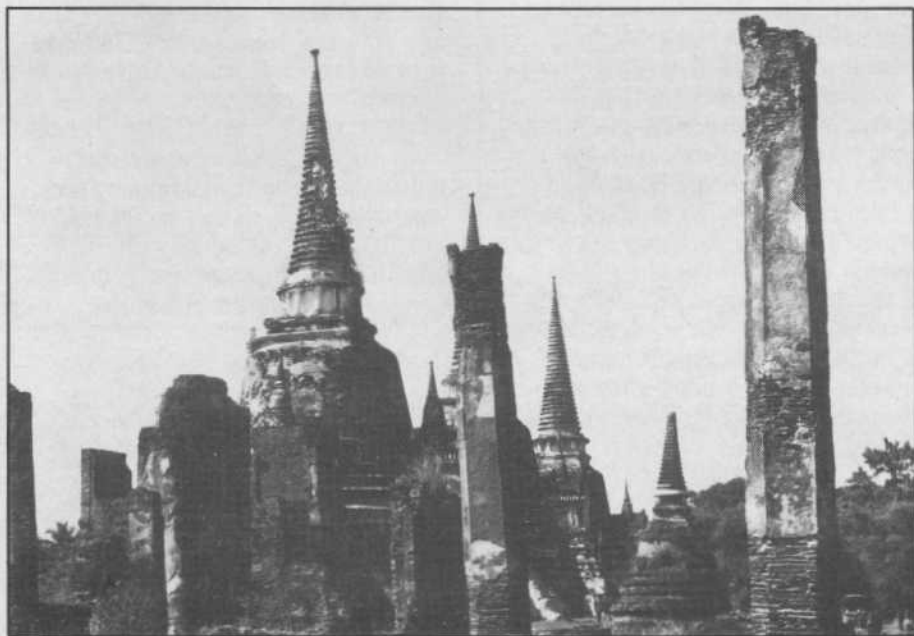
... and the winner is: Jacques Lalonde, Executive Assistant to the Director General, Federal-Provincial Relations, SADM.

Jacques submitted a beautiful story in pictures of his recent trip to the Orient. The peace and tranquility of the countryside, the splendor of the royal palace and cathedral in Bangkok, as well as the gentleness of the people are beautifully depicted in both pictures and words. Congratulations Jacques!

Jacques will be receiving an enlarged, framed reproduction of one of the delightful photos in this travelogue.

The photo contest continues. For our next issue we would like submissions with a winter theme — people, scenes or Christmas activities.

Entries will be judged on photos only — no story is necessary, although we'd appreciate a description of the photo. Deadline for entries is January 29, 1988.



Under the safety hat



Prevention of back injuries

Most people take a healthy back for granted, because other muscles such as leg and shoulder are strained more often (the first day of skiing or that first game of tennis will do it). These kinds of strains are usually treated with a cavalier attitude: rest and the pain will disappear.

In the case of back strain, however, a lifetime of pain and discomfort can result from one bad move. As many back injuries result from twisting and straining as from lifting improperly.

Take, for example, that box of computer paper we talked about last issue. How do you store it? Do you have to twist and push to get it behind your work station or under your desk? Are you shoving it into position? If you are, your back may pay a high price. Ask for proper transporting devices such as dollies or carts.

Here are some guidelines to follow for proper lifting and moving of heavy articles.

1. Position feet for balance, about shoulder width apart and one foot slightly ahead of the other, if possible.
2. Bend your knees.
3. Keep back in alignment, that is, as straight as possible but not necessarily vertical.
4. Get a good grip on your load, with the palms, not just the fingers.
5. Keep the load close to your body.
6. Avoid twisting — first lift the load and then move your whole body by changing the position of your feet.

Dental Plan

Since our last issue, a Communigram has been sent to all employees outlining their Dental Plan Benefits. You should also have received your membership card and number.

To make a claim, attach all receipts to your claim form, including those receipts that you've been holding on to while waiting for your membership card to arrive. Claims can not be made without this card.

Letters to the Editor

Letters may be edited for purposes of clarity or space.

30 September, 1987

Dear Editor,

I have just received a copy of *Communications Express*, and while it has a slick, professional look to it, there are some areas which, in my opinion, require re-thinking.

1. Webster's dictionary defines "express" as . . . "travelling at high speed." Considering the fact that the *Communications Express* has news of a golf tournament held over four months ago, and has no mention of the Director General of GTA moving to DSS a month ago, it occurs to me that the word "Express" in this title is misused. Under the circumstances, it simply cannot be taken seriously.
2. The larger format does not fit well in people's "in-baskets" and generally takes up too much room.

3. The glossy paper used may have a very "pro" look but it is inconvenient. It is more difficult to handle than bond paper, and when stacked on in-baskets (which it does not fit), has a tendency to slip and fall out. If the larger format *must* be maintained, going to a matte paper would be a big help, not to mention probably a lot less expensive.

4. Our records clerk, daunted by the "new look" has complained that it is impossible to file away. I expect others wishing to hang on to their copies will no longer do so because of the inconvenience posed by the larger format.

This letter is meant to convey my personal feelings coupled with my own experiences in the field of in-house publishing.

Yours truly,

George Olmstead
MOA/10th floor
Headquarters

From the Editor's desk

Dear Mr. Olmstead:

Thank you for your recent letter and comments concerning *Communications Express*. We're delighted our readers are taking the time to read the publication — after all, it is an employee newsletter and we can't publish if we don't have input. May we comment on your comments?

Unfortunately close-out date for articles is 45 days prior to publication. We need this time for approvals, translation and the production and printing process. Changes taking place during these 45 days will be picked up in

subsequent issues. The golf tournament thus missed the June issue, and was picked up in September. See "People and Places" in this issue for the announcement on Micheline Desjardins-Chase's promotion.

Communications Express is printed in a tabloid format 24 x 27 cm (11 x 17 in) which folds neatly to 18.7 x 24 cm (8 1/2 x 11 in) — the standard paper size for filing. There is no extra charge for the coated stock — and it does not yellow or fade over time.

The Editors

Communications Canada receives Emmy Award



Flora MacDonald accepting the Emmy Award in New York for Canada's pioneering role in space communications, joined by Wilson Markle, another Canadian to receive an Emmy for Colorization Inc.

On behalf of Communications Canada, Minister Flora MacDonald and Dr. Bert Blevins, former Director General of Space Technology at CRC, recently accepted an Emmy Award in recognition of the joint role Canada played with the United States in developing Ku-Band satellite technology through the Hermes program.

"I was very proud to accept this Emmy on behalf of Canada and the Department of Communications," Miss MacDonald said. "The Hermes satellite, the first to operate in the Ku-Band, was one of the most important milestones in Canadian space history. It is a particular pleasure, therefore, 25 years after the Alouette liftoff launched Canada's space program, to celebrate our achievements in space by sharing the Emmy with all Canadians."

Hermes — or the Communications Technology Satellite — was designed, built and operated in Canada, and tested and launched by NASA (National Aeronautics and Space Administration) in the U.S.

Hermes operated from 1976 to 1979, and was one of the most important achievements in space history. It was the first satellite to operate in the Ku-Band, a high frequency range now used extensively throughout the world.

For almost four years, Canada used Hermes to conduct more than 30 experiments — many of them groundbreaking — in such fields as medicine, distance-education, communications, and aerospace technology.

Some of the most interesting experiments involved TV service. The Hermes program demonstrated that small antennas (some of them only about half a metre wide) could be used economically to provide television service to individuals and organizations throughout the country.

The innovations resulting from the Hermes program set a new course for communications in Canada and influenced the development of satellite technology throughout the world.

"I am thrilled to be here tonight representing not only Canada's Department of Communications and the Canadian industry that participated in this achievement," Dr. Blevins said, "but also those individuals who had the foresight and technical skills to develop the Ku-Band satellite technology and explore its application."

The Emmy is now at the National Museum of Science and Technology as part of the special exhibit highlighting Canada's space achievements.

Music of the future

In his office at CRC, Dr. Ted Grusec contemplates the set-up of an electronic keyboard that will soon be plugged into the computer terminal and screen on his desk.

Ted, a manager in the Behavioral Research Sector at CRC, is currently researching and documenting the astounding impact that information technology will have on the future world of music.

A new tradition is starting: computer technology has taken over rock music; synthesizers are built to look like guitars and pianos; the programmer may or may not be the musician.

If this sounds bizarre, take heart. The upside of this technology is that today, computers have incredible resources to formulate musical expression. They can produce an acoustically rich sound instantly, as opposed to traditional single instrument scoring. Today, the composer, armed with the latest technology, can construct an entire orchestra, whether it's to perform Beethoven's 5th with a different

emphasis or a completely new rock score.

In anticipation of the effects on the music industry, the Behavioral/Social Systems Program at CRC is putting together a laboratory stocked with some of the latest music hardware and software. This equipment will be used to research the fascinating psychological, musical, technological and social issues that are emerging.

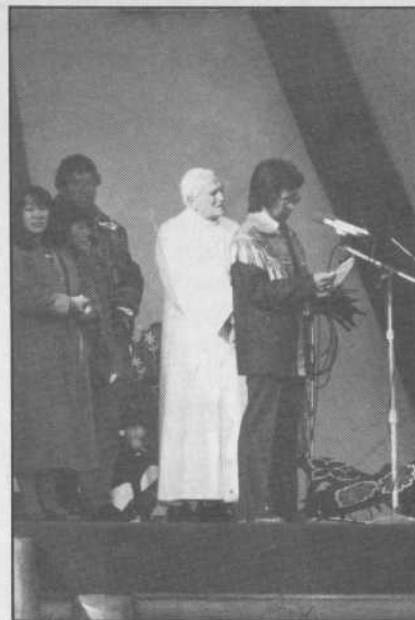
"Shaping music appreciation by computer," says Ted Grusec, "requires a totally different set of skills than the physical skills required to master a traditional instrument. This has startling effects on the music industry itself, including direct employment of musicians, music education software development, audio equipment and sales, television, film and radio broadcasting, with the potential for entirely new product forms and channels."

A lot to think about — not only for existing professionals but for aspiring musicians and musical technologists in the future.

Fort Simpson well prepared for the Pope

by Liz Magnifico, Central Region

This time it all worked! Residents and visitors in Fort Simpson woke up September 20 to rain . . . but no fog, as was the case in 1984 which preempted the Pope's touchdown. On-the-job reporter Terry Keim (District Manager, Yellowknife) tells us that the Pope rode to the meeting site with a rainbow escort.



Charged with the responsibility of providing telecommunications support for the visit, DOC Central Region staff experienced no major problems. "A lot of us were here in 1984," said Keim "and everyone knew what to do, as we solved any problems we had the first time around."

Keim, assisted on site by Hubert Pambrum, District Manager, Ottawa, and Terry Rudeen, a Central Region radio inspector, also worked closely with technician Dave Brink from Time Communications in Ottawa, who "scurried" up 83.3 m (250 ft) of tower to install a UHF antenna.

"We took turns going to the site of the Pope's speech to take pictures of the event," said Keim "and by that time of the day the sun was shining and all systems were working smoothly."

The Department worked in cooperation with NorthwTel, the RCMP, Public Works, Health and Welfare and the local Papal authority. Coordinating chores in the Regional Office were carried out by Alfred Northam (Emergency Planning Officer) and Gerry Loewen (Regional Manager, Spectrum Control).



Software 88 Share the Success

Software 88, a symposium sponsored by Communications Canada and the Ontario Ministry of Culture and Communications, is designed to provide a stimulus to the Ontario software industry. It will be held February 3 and 4, 1988 at the Metro Toronto Convention Centre.

The symposium will address the elements necessary for successful management of a software product business. Sessions will examine business opportunities, the importance of marketing and the financial and personal challenges of creating and managing a software company.

This joint symposium is part of the Department's efforts to support new information industries associated with databases, software and value-added services. Support of these industries is



one of the six major themes for the federal government communications and information technology strategy announced by the Minister last April.

Expected to be the most significant software industry gathering of the year, Software 88 will provide an important forum where industry executives can share information, advice and opinions. The symposium will also provide the industry with the opportunity to describe itself and its needs to senior government officials and members of the financial community.

For more information, contact Louise Singer at Headquarters, (613) 990-4856.

of the RCMP. Other projects include the Conservation Information Network, a collaboration between the Canadian Conservation Institute, the Getty Conservation Institute and CHIN, to assist in the international collection and distribution of conservation information.

The recent move to Communications Canada will allow CHIN to benefit more

directly from the technology research carried out by the Department and enhance the program's responsibility to ensure service to museums.

The most exciting aspect of CHIN? Homulos thinks it's the Network's wonderful possibilities and applications for the future.

Communications on ice

We know that somewhere in Headquarters there lurks a budding sculptor or sculptress with a flair for organization.

We can see it all now — Dow's Lake, Winterlude '88. A sculpture of a dancer; or a giant satellite dish bringing first prize honors home to the

Department! It's not too early to start building the team that will build the winning sculpture.

Volunteer organizers should call Heather Wallace at 990-4848 to get the snowball rolling.

What's happening

December

9th
Toronto — Gemini Awards
— Presentation of McLuhan Distinguished Teachers Awards

January

23rd
Calgary — Olympic Arts Festival Opening Gala (23 Jan.-27 Feb.)

February

3rd
Toronto — Software 88 Symposium (Sponsored by Communications Canada and Ontario Ministry of Culture and Communications) (3-4 Feb.)

5th
Calgary — Olympic Film Festival (5-11 Feb.)

Employee profile — Stanley Dzuba

by Gary Warnock, Pacific Region

There are as many ways to spend our leisure time "after five," as there are employees.

Stanley Dzuba is the Regional Broadcast Engineer with the Pacific Region office who has a proven talent for maximizing his free time for the benefit of people around him.

In our December 1985 issue, we announced that Stanley had been invested as an Officer in the Military Order of St. Lazarus for outstanding service to his country. Recently, in recognition of his outstanding service to his community, Stanley was appointed as a Knight of Honor in the Sovereign Order of St. John by Prince

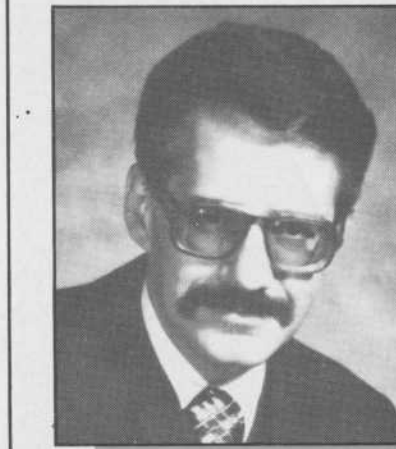
Andrew of Yugoslavia (Patron of the Order) in a special ceremony held in Vancouver.

When not attending meetings with the Militia, the Sculpture Society, or several other community organizations, or hiking or skiing, Stanley can be found working on his latest sculpture. "Sculpting is good therapy after spending eight hours in the office," he says.

Stanley is planning to retire from the public service next year, but he won't be quitting work. "There is a group called the Canadian Executive Service Organization which sponsors projects in developing countries. I am going to try that out for a while," he says.



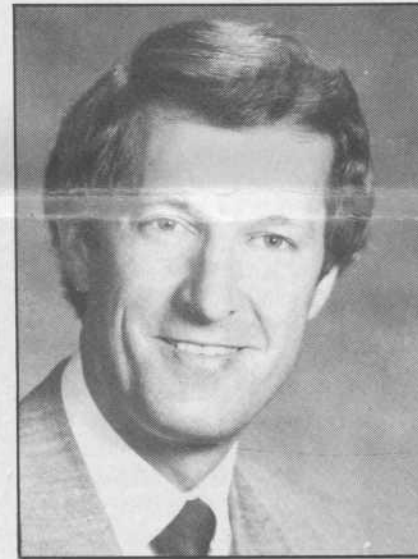
Stanley Dzuba, with his wife, Ava.



We are saddened to report that Michel Breault of the Montreal District Office passed away recently. Michel was a Support Staff Supervisor, and had been with the Department for 18 years. He is survived by his wife Denise and two children, Stéphane and Suzanne, to whom we extend our deepest sympathy.

New Regional General Manager for the Quebec Region

by Jean-Guy Beaupré, Quebec Region



Jean-Marc Pellerin has recently been appointed General Manager for the Quebec Regional Office.

A native of Shawinigan, Jean-Marc obtained a bachelor of arts degree from the University of Laval. Later, at McGill University, he obtained a bachelor's degree in physics and math as well as a master's degree in business administration (M.B.A.-Finance).

After having worked with Bell Canada in Finance and Accounting as well as with the Ministry of Regional and Industrial Expansion as a Financial Analyst, he became Atlantic Regional Director for Energy, Mines and Resources.

Mr. Pellerin was General Director of Communications Canada for the Atlantic Region before joining the ranks of the Montreal office.

Did you know . . .

Canadian achievements in space

- Third country with its own satellite in space — Alouette 1 (1962).
- World's first domestic communications satellite company — Telesat Canada (incorporated 1969).
- World's first geostationary domestic communications satellite — Anik A1 (1972).
- National network television signals carried by satellite — Canadian Broadcasting Corporation (1973).
- Construction of facilities to build and test spacecraft and spacecraft sub-systems — David Florida Laboratory (1973).
- World's first satellite to test the super high frequency 14/12 GHz bands — Hermes (1976).
- Most powerful non-military satellite in the world — Hermes (1976).
- World's first demonstration of direct broadcasting by satellite (DBS) to earth stations small enough to be situated on or near individual homes — via Hermes (1976).
- World's first dual band commercial communications satellite (6/4 GHz and 14/12 GHz) — Anik B (1978).
- World's first regular DBS programming — TV Ontario, via Anik B (1979).
- World's first commercial 14/12 GHz service — La SETTE, a consortium of Quebec cable operators, via Anik B (1980).
- Manoeuvring satellites into same orbital position so that the useable channels on each could be operated as if they were aboard a single spacecraft — Anik A2 and A3 (1981).
- World's first remote manipulator system for space — Canadarm, first tested aboard second flight of the space shuttle Columbia (1981).
- Satellites used for world's first commercial DBS system — Anik C series (1983).



People and places

Minister's Office

- **James Everson**, formerly the Telecommunications Policy Advisor in the Minister's office, has moved to Agriculture Canada.
- **Marc Desrochers**, formerly Caucus Liaison, Political Nominations and Cultural Initiatives is now Executive Assistant to the Deputy Minister. His replacement is **Wanda Hamilton**, who was formerly Scheduling Assistant for the Minister.

SADM

- **Vivianne Farmer**, a Project Officer in DGFP, is currently on a two-year assignment through the Departmental Industrial Exchange Program.
- **Karl Feige**, a Policy Analyst in DGIR, has resigned to pursue interests in the private sector.

ADMTT

- **Carmelita Boivin-Cole**, formerly Director, Industry and Structure Services in DGTP, has moved to the Office of the Commissioner of Official Languages.
- **Jacques Marcotte**, formerly of DGRI at Headquarters has transferred to CWARC as Director, Research Management, Programs and Plans.
- **Frank Smith**, formerly of Revenue Canada, is now the Senior Network Software Analyst with Systems Design and Management in DGGT.
- **Carole Glazer** is a new Components and Subsystems Technologist, having transferred from the ADMSM Clyde Avenue Lab. She replaces **Stephen Scribner** who is returning to school. As well, **René Voyer** has transferred from ADMSM and is now a Television Systems Engineer in DGBT.
- **Dick Bonnycastle**, a Project Leader in IF Components and Subsystems Division, is moving to the private sector.
- **Ignatius Lam**, formerly a Research Scientist with the Radio Propagation Division, has left the Department to join the private sector.
- **Joan Meister** is the new Secretary in the Innovation Policy Division of DGTP. She was formerly with Health and Welfare.
- **Denise Lacasse** is the new Secretary in Technical Marketing Operations of DGIE. Previously, she was with Fisheries and Oceans.
- **Ann Shute** has resigned from her position as Secretary to the Director General, GTA, to join Supply and Services Canada. She had been with the Department for over 10 years.
- Three employees in CWARC have been confirmed in indeterminate positions. They are Research Officer **Line Vaillant**, and Integrated Office Systems engineers **Mario Banville** and **Pierre Hamel**. In the same office, **Marcel**

Drouin is now Manager, Systems Research and Development. Previously, he had been on various CAP assignments. **Jocelyne Tassé** has been appointed Chief, Accommodation Management. She comes from Transport Canada.

• **Julia Giggey** is now Industry Analyst, in the Space and Telecommunications Industry Development Division of DGIE. She was formerly with Regional Economic Expansion.



Micheline Desjardins-Chase, Director General, Government Telecommunications Agency, has left the Department to take over new responsibilities with Supply and Services Canada as the General Director, Supply Operations. Making the farewell presentation is SADM Ken Hepburn.

- **Daniel Boudreau**, Mobile Satellite Communications Engineer in DGRC, is on a one-year leave of absence to attend McGill University in Montreal.
- **Andrew Patrick** has been seconded from Western University on the Visiting Fellowship Program as a Research Scientist in the Behavioral Research Division of DGBT.

ADMSM

- **William Egan**, formerly with DGIR, is the new Manager, Emergency Telecommunications, Policy and Planning Division of DGRR. **Marguerite Pearson** is the new Secretary, Emergency Telecommunications, in the same Division. Marguerite was formerly with Legal Services.
- **Jean-Pierre Bisson** is now Telecommunication Equipment Certification Specialist in the Engineering Laboratory and Certification Division of DGEP. He was formerly Supervisor, Measurement Methods and Practices within the same Division.
- **Sharon Maber** has been confirmed in her position as Co-ordination/Notification Clerk in the Spectrum Management Operation Division of DGRR.

• **Lucie Fournier** has also been confirmed in her position as Word Processing Operator and Typist in the Broadcast Engineering Planning and Standards Division of DGBR.

• **André Carr**, formerly FM Broadcast Engineer in the Broadcast Applications Engineering Division of DGRB, is now a TV Broadcast Engineer within the same Division.

• **Janet Simser** has been confirmed in the position of Administrative Officer in the Administrative and Technical Services Division at CRC.

• **Yves Brunet**, formerly a Training Officer in DGHR, has been seconded as Special Advisor to the Director General for 18 months. **Pierre Alleyn**, who has been seconded from Health and Welfare, has assumed Yves' previous responsibilities.

• **Denis Gosselin** has a 12-month secondment as Development Officer, Human Resources Planning and Development Division of DGHR. He was previously with DGBP.

• **Nicole Plourde** and **Francine Villeneuve**, Pay Clerks in DGHR, have left the Department to join the Secretary of State.



After more than 20 years of service within the public service, Denis Hotte (centre) was honored at a farewell party held recently. Denis is taking up a senior position at the Professional Institute of the Public Service.

Flanking him above are (left) ADMCM Michael Binder, and (right) DGHR Jean-Claude Bouchard.

ADMAC

- **Christopher Burke** has assumed the responsibilities of Director General, Broadcasting and Cultural Industries. Previously he was with the Office of Privatization and Regulatory Affairs.
- **Edna Foley** has been seconded from the Secretary of State for one year, to act as Museums Co-ordinator (Ontario), in the Museum Assistance Program Division.
- **Debra McNabb**, formerly with the Canadian Museum of Civilization, has been seconded to the Museum and Heritage Branch as a Documentation Research Officer.
- Through the Industrial Exchange Program, **Alison Clayton** has been seconded as Senior Advisor, Film Policy in DGBP. She comes to the Department from the private sector.

ADMCM

- **Suzanne Murtagh**, formerly Supervisor, Accounts Payable, Accounting Operations and Policy in DGFM, is now Chief, Expenditure Accounting.



Adam Ostry, a Special Advisor in the DGTA office, is on 12-month educational leave at the École nationale d'administration in Paris, France. Don MacLean, DGTA (left), and Craig Taylor, Acting Director, Special Projects (right), are shown here presenting Adam with a farewell gift.

Atlantic Region

- **René Guerrette**, formerly of the Moncton Regional Office, is now the District Manager in the Charlottetown District Office.
- **Clinton Landry** is the new District Manager of the St. John District Office. He was previously with the Charlottetown District Office.
- **Jeffrey Howard**, formerly Junior Engineer in the Regional Office, has resigned to join Transport Canada.
- **Brenda Patterson** is the new Planning Officer, Communications and Culture. She was seconded from DGIE.
- **Anne Marie Arsenault** is the new Operations Officer with GTA, Atlantic Region. Previously she was in the Finance and Administration Section.
- **Georgette Poirier**, Administrative Assistant in the St. John District Office, has left the Department to accept a position in the private sector.
- **Terry Thompson** is the new Secretary to the Director General in the Moncton Regional Office. She was formerly with Agriculture Canada.

Quebec Region

- **Pierre Alarie** is the new Pay and Benefits Clerk in Personnel. He was formerly with the Solicitor General's Office in Laval.
- **Louise Hébert**, formerly with the RCMP, is now Reception and Library Clerk in the Regional Office.

Ontario Region

- **Christian Gauthier** is a new Radio Inspector in the Toronto District Office. He was formerly with the Canadian Armed Forces.

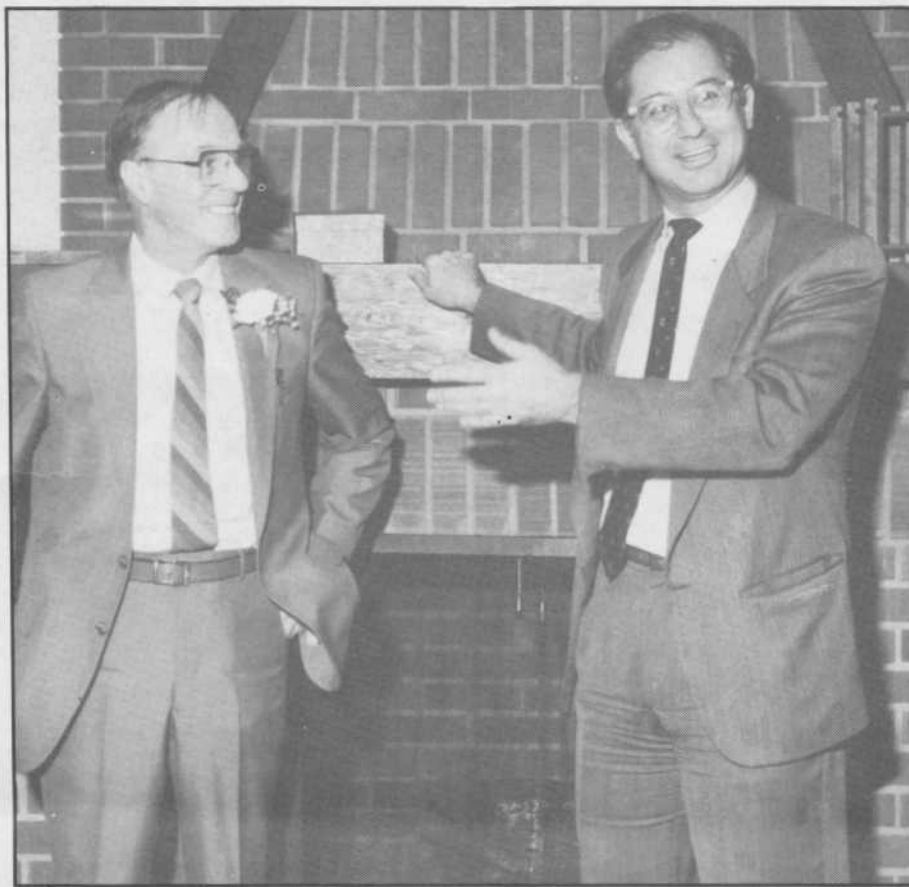
Central Region

- Six new radio inspectors have been appointed in the Central Regional Office. They are **Kent Manning**, **Shawn Morgan**, **Gerald Noordhof**, **Anthony Hayduk**, **Andrew Bewer-nick** and **Diane Hotra**.
- **Lori Brennan** is now a full-fledged Radio Inspector in the Calgary District Office.
- **Cecile Malo**, of the Winnipeg Regional Office, has been confirmed in her position as Mailroom Clerk and Messenger.

Pacific Region

- **Gary Paugh** is now the District Supervisor, Authorization, in the Victoria District Office. He was previously with the Prince George District Office.
- **Frank VanderZande** is the new Supervising Inspector with the Prince George District Office. He was previously with the Cranbrook District Office.
- **Savita Bhan** is the new Computer/Word Processing Operator, in the Engineering and EDP Section of the Pacific Regional Office.
- **Michael Sun** and **James Laursen**, in the Vancouver and Victoria District Offices respectively, are now full-fledged Radio Inspectors.

Retirements



In late October, friends and colleagues gathered at a reception in honor of Vince Hill (left), Director General, Telecommunications Policy Branch, who announced his retirement from the public service earlier that month. Vince worked for the Department for the past 15 years.

Deputy Minister Alain Gourd presented Vince with a set of Olympic coins as a gift from his co-workers and Bill Musgrove, Chief of Staff, presented him with a retirement certificate signed by the Prime Minister, in appreciation of his years of work in the public service. Richard Stursberg (right), ADMTT, was also on hand to participate in the ceremonies and to add his compliments and best wishes.

Vince will be spending the next several months in England and in Spain, but intends to return to Canada in the spring, perhaps to resume work in the telecommunications field.



A farewell party honoring **Georgette Barnes**, Parliamentary Returns Officer in SADM, was held recently.

Lyn Elliot-Sherwood (right) Director, Strategic Planning and Cabinet Liaison, is seen here presenting Georgette with a retirement certificate, honoring her services to the Department.

- **Dolly McElroy**, formerly an Acquisitions Clerk with the Library and Information Retrieval Services Division of DGAT, retired recently after 23 years of public service.
- **Camille Leblanc**, who has been the Co-ordinator Official Languages in the Atlantic Region Office, retired after 34 years in the public service.
- **Joyce Edwards**, Technical Clerk in the Kitchener District Office, has retired after 15 years service.
- **Pierrette Trépanier**, a Strategy and Plans Clerk in the DGSP Branch of SADM, has retired after 10 years with the federal government.
- **Petrus Jacques**, a Technician in the DGSTA Branch of ADMTT, has retired after 30 years of government service.



Wes Garvin, who entered the public service following a naval career, recently retired from his position as Manager of the Calgary District Office. Wes served as a Radio Communicator on HMCS "Cayuga" during the Korean War.

In 1956, Wes joined Transport Canada, working as a radio operator and later a monitoring radio operator in such places as Embarras Portage in Alberta, Aishihik Lake in the Yukon and Fort Smith in the N.W.T. He later moved to Calgary to become a Radio Inspector and Supervisor of Licensing and then of Spectrum Control. Wes held the position of District Manager of the Calgary District Office with distinction from 1979. All of his friends in the Department wish Wes and his wife Doreen, a long and happy retirement in Salmon Arm, B.C.

Long-service Awards

- **35 years** – **Stan Ahl**, Supervisor, Spectrum Control, Saskatoon District Office.
- **25 years** – **Austin King**, Supervisor, Authorization, Saskatoon District Office.
- **25 years** – **Wayne Hay**, Radio Inspector, Winnipeg District Office.
- **25 years** – **Ed Rokosh**, Regional Manager, Engineering, Winnipeg Regional Office.
- **25 years** – **Howard Smith**, Regional Manager GTA, Winnipeg Regional Office.



Gaby Warren, seen here receiving his 25-year Long-service Award from DM Alain Gourd. Gaby is Director General, International Relations in SADM.

Suggestion Awards



Don Davey, a Telecommunications Consultant with the National Capital Region office of the Government Telecommunications Agency (GTA), was presented with an award recently for his suggestion regarding the more timely provision of information to users of GTA Intercity Network authorization codes. Don's suggestion will improve the overall departmental management and control of this service and lead to a significant reduction in expenditures.

The award was presented on behalf of the Department by Al Keddy, Acting Director General of GTA.



Frank St. Denis, a Procedures Analyst in the Records Management and Cheque Distribution Section of ADMCM, recently received a Suggestion Award Certificate for his ideas and recommendations to improve procedures for recycling boxes.

The award was presented on behalf of the Department by ADMCM Michael Binder.