

BROADCAST TECHNOLOGY

SEPT/OCT 1979

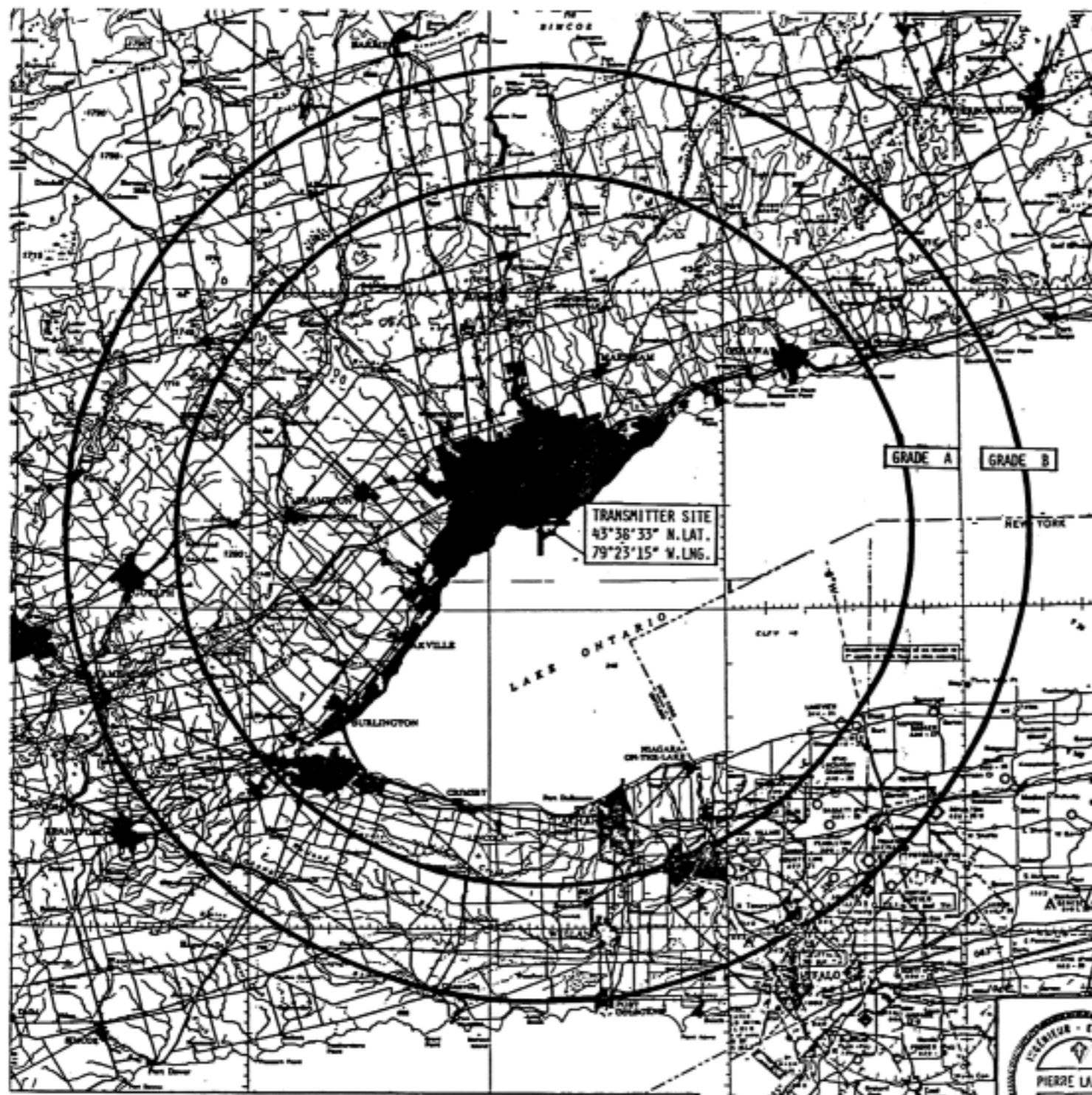


CFMT-TV ON-AIR

Also—October conventions: NRBA, CCBA

Ontario beckons Quebec broadcasters—p. 22

MULTILINGUAL CFMT-TV ON-AIR IN RECORD TIME



Grade A and B contours for CFMT-TV show coverage with antenna located on CN Tower. (Pierre Labarre & Associates Ltd., consulting engineers.)

Among the many unique aspects of CFMT-TV, Toronto's new multilingual television station, not the least is its short time frame for going on-air.

When the CRTC issued the licence on December 27, 1978, it appeared that January 1st, 1980, would be a realistic target date. Then, Multilingual Television (Toronto) Ltd., headed by Dan Iannuzzi, decided to gear up to start in September, when new program schedules—and new advertising budgets—take effect.

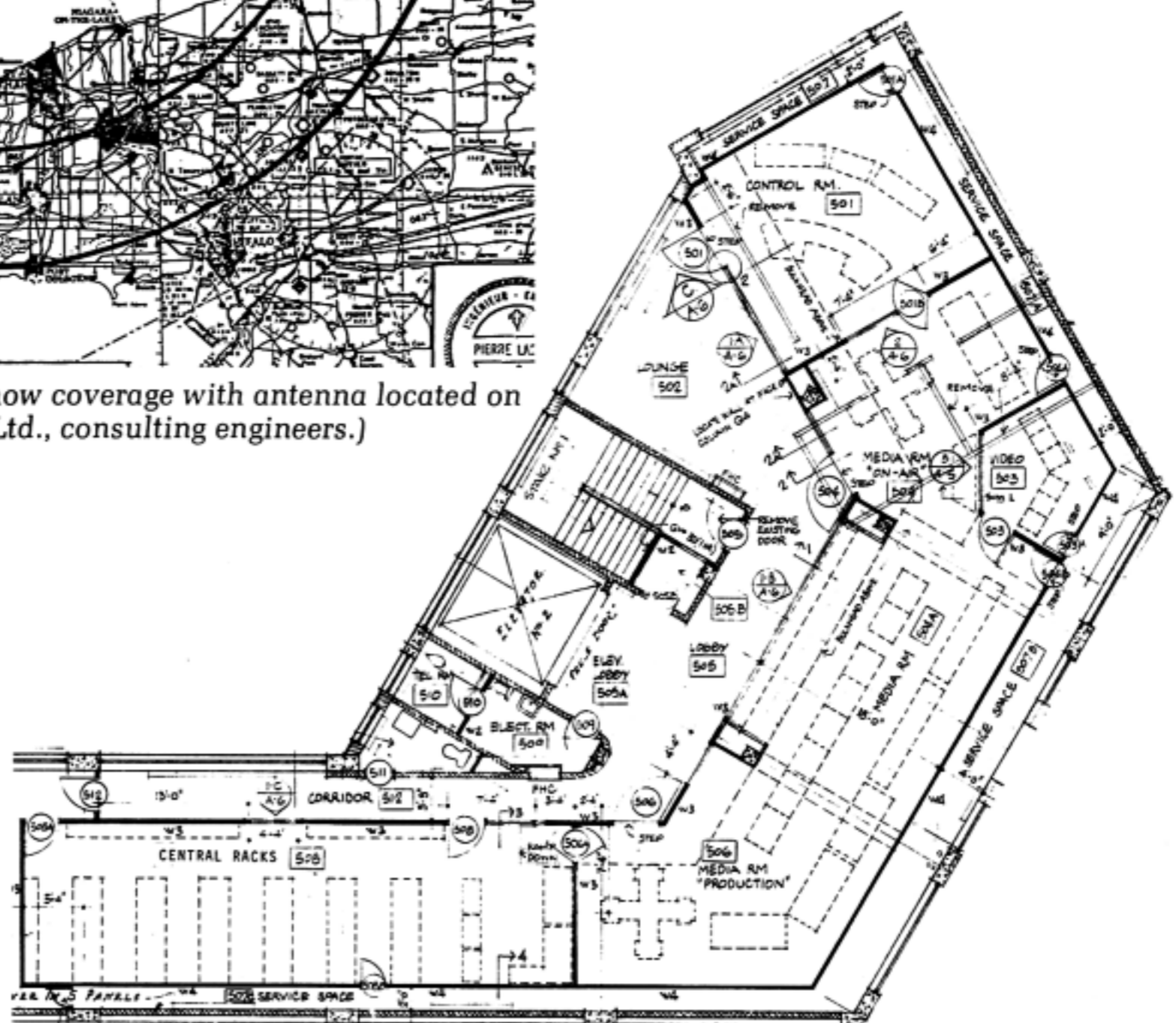
Antenna on CN Tower

Another important decision was to locate the antenna on the CN Tower from the beginning—rather than to wait three years, as had been planned.

Originally licensed to operate on channel 45 with 104 kw ERP, from a site at 2300 Yonge Street, CFMT obtained approval from the CRTC on August 2, to move to channel 47, with 807 kw ERP, on the CN Tower. This extends the viewing area of the station and provides a better signal for non-cable viewers.

It also increases the number of cable systems carrying channel 47. Some 56 systems are required to carry the signal, ranging east as far as Cobourg and Peterborough, north to Orillia, west to Stratford, and south to Simcoe and the Niagara frontier.

In an announcement, also dated August 2, the CRTC said it recognized that CFMT is "designed primarily to meet the needs of the various linguistic groups in Metropolitan Toronto," and that cable systems may apply for



Central racks, master control and VTR room are located on fifth floor. Master control (top) is well-lighted area with glass partitions opening up to outside light and giving visual contact with VTR room. Feature of central racks (bottom of diagram) is location of cable trough behind racks, rather than in floor, for easier access. The installation required 80,000 feet of video cable.

exemption from the usual requirement that it be given priority—i.e., placed on the basic cable service (channels 2-13). (The addition of CFMT to the basic service means “bumping” one of the U.S. network stations to the converter service—a move that is sure to bring objections from many subscribers.) But whether CFMT is on the basic or converter service, it will be available to several million potential viewers—and Dan Iannuzzi estimates that 1.5 million of these are of ethnic background.

“Harbourfront” Location

The site of CFMT’s studios and offices is the former Loblaw head office at the corner of Lakeshore Boulevard West and Bathurst Street.

The building is owned by the federal government, as part of the Harbourfront project—a mile of industrial waterfront now converted into a multi-purpose park and people-place. Numerous multicultural activities are held in the area.

The location has been leased to CFMT’s parent company, Daisons Communications Inc., on “very favorable” terms. Eventually, Daison’s plans to move its entire operations, including the Italian-language daily newspaper, *Courriere Canadese* and a staff of 300 to the site, adding a new printing plant. Its glass walls will enable Harbourfront visitors to see the presses in action.

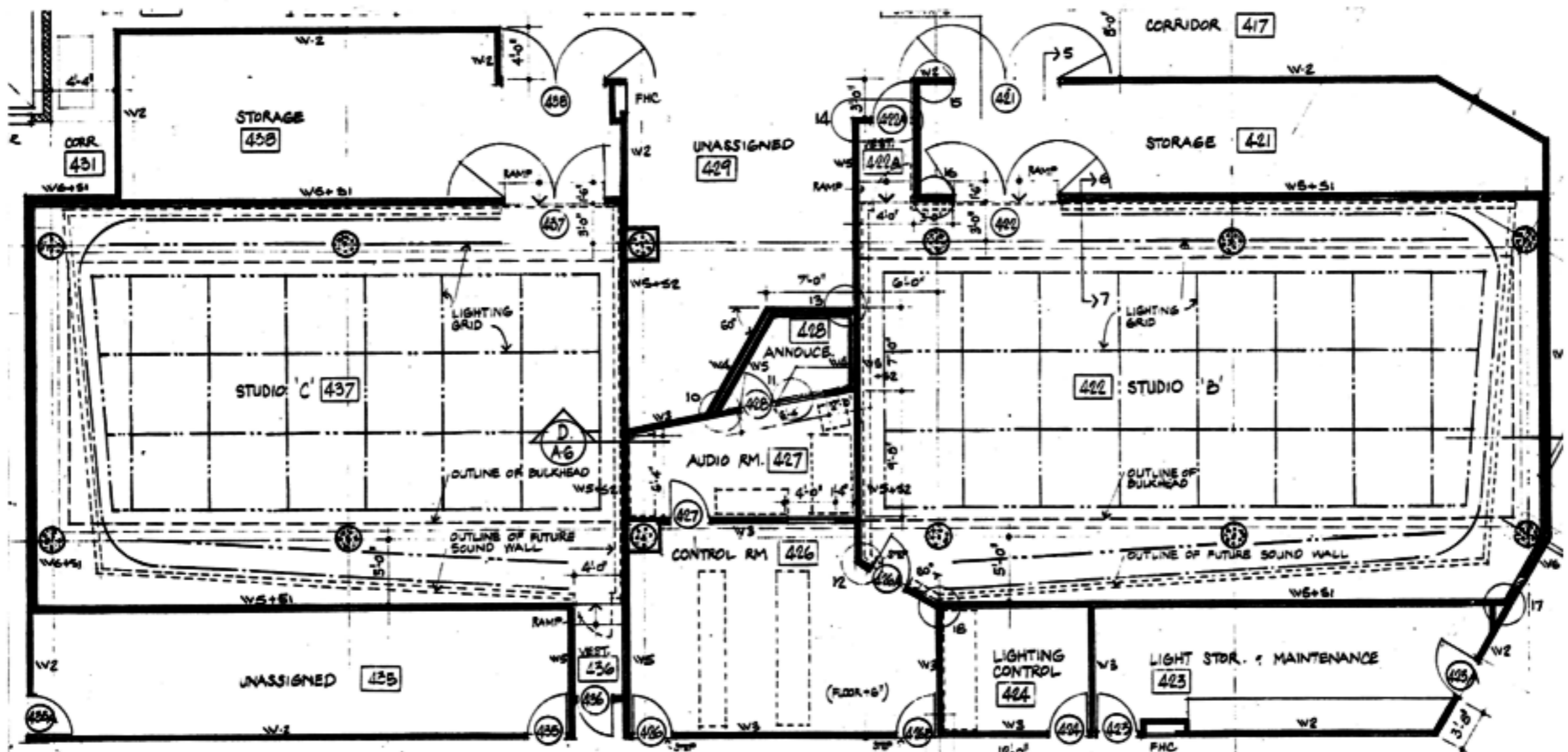
The first task, however, has been to put CFMT on the air.

Jim Snelling, CFMT-TV’s director of engineering, supervised the installation of equipment for the new station. A native of Hamilton, he studied engineering at George Brown College and the University of Toronto, and was with CITY-TV for five years prior to joining channel 47.

Jim actually lived in the Lakeshore Road building for weeks prior to sign-on. His engineering team includes Pierre Ladouceur, from CITY-TV, Serafin Suarez, from CFTO-TV, and two 1979 graduates, Haralds Rudzroga from Mohawk College and Charlie Guilliana from the DeVry Institute. The students were selected after Snelling interviewed some 120



Photos show part of Harbourfront area against backdrop of Toronto Skyline (top); CFMT-TV mobile unit (centre); and former Loblaw building, now studio/office complex, with CN Tower in background.



Heart of CFMT-TV is studio area, where much of the station's schedule goes on-air "live". Diagram shows announce booth, audio control and production control room in center, flanked by studios.

prospects from seven or eight colleges in the area.

This team works hand-in-glove with property manager Mac Ross, who is responsible for in-house construction.

Other key personnel include operations manager Harvey Rogers, production V.P. Nigel Napier Andrews and vice-president of finance Rick Miller. Dan Iannuzzi, officially president and executive producer, remains

the prime driving force behind the project, with a keen interest in every phase of its development.

Renowned architect Raymond Moriyama redesigned the aging structure, which was built for the Cross & Blackwell foods company, prior to its use by Loblaws. Renovation to its 78,000 square feet of space cost \$600,000. Executive offices are located in the distinctive Hexagon building, which is something of a Toronto landmark.

Behind the Hexagon is a five-storey V-shaped building, the top half of which is occupied by CFMT.

On the fourth floor are two studios—one 45 feet square, the other slightly smaller. Located between these studios are a production control room, audio control and announce booth. A local consulting firm, Valcoustics Canada Ltd., collaborated with Jim Snelling in the design of the audio facilities.

Provision has been made for the addition of a third studio, a second announce booth, and multitrack recording capability.

The major problem surmounted in adopting the Lakeshore building for television is the existence of numerous supporting pillars, which extend the full height of the structure. Apparently the food operations involved heavy machinery, which caused severe vibration. Where the studios are now installed, a four-inch accumulation of asphalt had to be removed—the result of repeated "paving" to repair the floor.

Also on level four is a large area to provide working space for 32 produc-

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CFMT-TV director of engineering Jim Snelling.

tion teams—one for each language—each under the direction of an associate producer.

The former Loblaw's computer room is now the videotape and film library. This is an important aspect of CFMT, because Multilingual TV has already been producing over 30 hours a week in 14 languages at CITY-TV, and is now looking at eight major Canadian cities for an exchange of multilingual programs, with the possibility of establishing production centers in each.

CFMT-TV has also acquired the Vaughan Theatre, on St. Clair Avenue West, to be used as a production center. Seating will be retained to accommodate audiences of up to 365 persons.

Equipment Supply Critical

To meet the September sign-on deadline, availability was a major factor in Jim Snelling's choice of equipment for CFMT-TV.

The station purchased a package from CJOH-TV, including five PC-60 cameras, four 16mm projectors and two telecine chains. (The Ottawa station had recently placed a \$1.5 million contract with Philips to replace this equipment, since re-outfitted by CFMT.)

At the CN Tower, the Townsend TA-55 NET UHF transmitter, purchased through Comad Communications, and the EMI antenna were completed late in August. A strike of Bell Telephone installers added to the difficulties of connecting video lines to meet the tight timing.

Other suppliers and purchases include:

• Leitch—sync generators, video test generators, video and sync distribu-

tion systems, video processing and clocks.

• Electronic Visuals—waveform and vector monitoring equipment.

• Image Video—master control switcher and micro-processor controlled routing switcher.

(All of the above through Broadcast Video Systems.)

• Ross (Glentronix)—505A-24 switcher.

• Dynaquip—master clock system

• Farrtronics—audio patch field

• RCA—35mm film chain (many of the European films to be shown on the station are available only in 35mm).

• Hitachi—16mm telecine

• Sony—two BVH-1100s, thirteen 200A cassette machines, three complete editing units, four field units and time base corrector. CFMT, from day one, is establishing the C format as its basic VTR format. Commercials go to air from cassette, using an auto-cue system operated by master control.

• Ikegami (Applied Electronics)—color monitors

• Electohome—black & white monitors

• Ward-Beck—audio console and intercom

• Dektron—audio distribution amplifier

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Consulting engineers for CFMT-TV are Pierre Labarre & Associates of Montreal.

The Canadian component of the new station's equipment, estimated at 70%, is high, and a tribute to the excellent standards of manufacture and service provided by Canadian firms.

One company that helped is Visual Dimension, which does design work in character generation and computer-based editing, as well as design and installation of audio and visual

production facilities. Visual Dimensions was put together by Jim Snelling and his good friend, Bill Meyer, a former CITY-TV associate, who now runs operations in San Jose, California. Eleven people are currently working for the company in Toronto, Montreal, Buffalo and San Jose.

Among the many interests of youthful and energetic Jim Snelling, one has particular importance: to complete his requirements for a Professional Engineer's degree at the University of Toronto.

But right now, the priority is to put the finishing touches on CFMT's \$5 million operation.

UNIQUE ENGINEERING TEAM CHALKS UP ANOTHER SUCCESS WITH CFMT-TV'S ANTENNA

The team of eight specialist engineers responsible for the unique design of CFMT-TV's antenna and transmission equipment has more than 150 years of collective experience in antenna design behind them.

Headed in the United Kingdom by general manager Mike Anders and represented in Canada by Ray Tattershall, sales & marketing director, EMI Technology Broadcast Division, the present group has operated as a self-contained unit within the British-based EMI Industrial Electronics Ltd. for the past 20 years.

The team was responsible for the design and installation of the multi-million dollar antenna and radome atop the CN Tower. Since the completion of that custom designed system, these specialist engineers have provided a number of high power single and multi channel VHF and UHF antennas and combining units in Canada.

"Bob Sanders, a key member of our team, worked with an extremely tight schedule and played the major role in assuring that CFMT-TV antenna was ready to transmit on September 3," says Ray Tattershall.

Sanders has been with the group 18 years and was the engineer responsible for the design and recent installation of two additional combiner units at the CN Tower. These are now ensuring operational reliability for all six FM stations broadcasting from the tower, as well as providing capacity for a seventh.

Other recent technical achievements by the team include:

- Design and installation of a unique high power antenna at Camp Fortune, near Ottawa, for Radio Nord and Radio Quebec. The antenna met all specified requirements on a structure which was totally unsuitable electrically for the frequencies.

- Design and installation of a two channel VHF antenna, combining omni-directional and directional channels, in Sault Ste. Marie, Ont. for Huron Broadcasting.

- Design of a circularly polarized VHF antenna for WTSP-Channel 10 in Tampa, Florida.

Outside North America, this same team has designed and supplied antennas and antenna components to all continents of the world.

Ray Tattershall explains that the development of the North American market represents the first time EMI—through EMI Technology Limited—has placed major emphasis on an antenna systems sales and marketing program.

"Our planned and aggressive approach to the North American market is proving to be highly successful," he says, "and our team of key engineers plus support staff look forward to making our special expertise in the design and installation of antenna systems available to more Canadians in the future."

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THE PHIL STONE REPORT

Paul Desmarais and Claude Pratte acquiring Frontenac's properties in Peterborough and Kingston . . . Philippe de Gaspé Beaubien seeking to buy a group of stations in Central Ontario . . . Ed Prévost applying to purchase CHIC-AM and CFNY-FM in Brampton . . . French-Canadian broadcasters all, looking to Ontario as a place to grow.

"Our growth potential in radio is necessarily limited in the Province of Quebec," Prévost said in an interview for *Broadcast Technology*.

Prévost is the 38 year-old president of Corporation Civitas Ltd., which owns and operates five stations in Quebec and one in Ottawa, functioning under the umbrella of the Mutual Broadcasting Network, a Civitas subsidiary. The stations include the flagship station, CJMS Montreal, CJRS Sherbrooke, CJTR Trois-Rivières, CJRP Quebec City, and CJRC Ottawa. All are French-language AM stations.

There is one FM station, also French, CKMF, Montreal.

The application by radio CJMS Montreal (Quebec) Ltd. to come into English-language broadcasting did not happen, said Prévost, "as the result, for example, of reading in the *Financial Post* last spring that the Brampton stations were in receiver-ship. We have nurtured this ambition for some time. Our base in Quebec, radio-wise, had pretty well reached a point of saturation. We're into both large and small markets. Anything else that we might do in the Province of Quebec would be rather insignificant in terms of acquisitions, because they would be very small stations.

"It might be enlightening for your readers outside of Quebec to know that stations in that province are seeking affiliation with the two major networks, Radiomutuel and Télémedia. It has to be understood, of

course, that Quebec is a phenomenon as far as the existence of networks is concerned. So, although we have only five AM stations that we operate, another ten stations or so carry our Radiomutuel news, public affairs, and, in some cases, other programming.

Through Radiomutuel, Civitas owns 51 per cent of Mutuelcom Ltd., the station representative firm. Through Mutual Productions Ltd. and Mutual Film Corporation Ltd., Civitas is also involved in major film production—turning out not only movies but television product. "However," said Prévost, "we are not in TV per se. We have tried, but we haven't been able to get approval for our applications."

Prévost is hoping he will get approval in his application to buy the Brampton stations. As this is being written, he is scheduled to appear before the CRTC on September 6th at Toronto's Chelsea Inn.

"We have been looking at Ontario for the past four or five years," Prévost stated. "With our Ottawa station we are already in the province. We had considered buying the Frontenac properties—AM, FM and TV—in Peterborough and Kingston, but we basically turned the deal down because of price disagreement. We also looked hard at CITY-TV but resisted that buy, because of the complex setup of the directors and so on. Fortunately for Allan Waters, who now has controlling interest, that situation has cleared itself up."

Prévost doesn't see the French-language broadcasters' entry into Ontario as what he terms "a border thing." He said: "We're all in the same country, Canada. We just operate on the theory that we take initiative in any part of this country where opportunity to grow presents itself. If anything, people like Philippe de Gaspé Beaubien and ourselves are possibly a little tardy in getting ourselves involved in the rest of Canada."

Prévost, a native Quebecker who holds a Master's degree in Business Administration from the University of Western Ontario, was chairman of the Canadian Association of Broadcasters from 1977 until June of this year.

After university, he went into the advertising agency world. At J. Walter Thompson, he began as an account executive, a lofty starting position, and ended up 30 months later as ac-

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BVU-100: Magnéscope Portatif

Ikegami: ITC-240S: Caméra couleur

Microtime: TBC-1020 Time base corrector digital



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count supervisor at the Montreal office of the agency. He then moved to Cockfield, Brown, "because I wanted to work in French, and also because I was offered more money." He was an account supervisor and had the main responsibility for the big Molson account. At Cockfield, Brown he was the first French-Canadian account supervisor and later, vice-president.

I left Cockfield in 1969 to join the Crépault organization, which had just purchased a radio station in Quebec City." Ed Prévost was on his way in the world of broadcasting.

An astute observer of the radio scene, Prévost is of the firm conviction that FM is the sound of the future. "We in Canada are usually about five years behind the States in trends and FM has certainly taken off there. Indeed, FM is number one in many major markets. Listeners are seeking more and more alternatives, and some of those alternatives are better offered on FM. There is more flexible programming presentation and a less stringent commercial factor; there is a better sound, there are more elements of sophistication currently perceived on FM."

Prévost is realistic about the future of AM Stereo: "I think it is five, ten years away. The receivers have to be manufactured and the public has to buy them. The tests I have been exposed to certainly improve the AM sound, but it isn't FM stereo. And the other problem is that AM Stereo is going to require a great deal of capital investment by the station operators—which I don't think the Canadian broadcasters are prepared to make, or have the funds to make, at the present time."

As those who were close to Prévost during his stewardship of the CAB know, he is an intensely intelligent, mature, dedicated man. He cares about broadcasting and he cares about his country. "Canada," he said, "is going through a very critical period of identity search and understanding. Clearly, the only element that can play a role in improving this situation and allowing this identity search to successfully come to its objective, is the media. One of my bugaboos as CAB chairman was the fact that even though my role was to defend the private sector of broadcasting, I was the first one to recognize that we were far

from being perfect.

"One of the things I tried to do was to suggest—as diplomatically as I could, although diplomacy is not always an effective ploy—that broadcasters look beyond their day-to-day business interests. We must be able to adapt and change—and even propose change—in areas such as Pay TV and Canadian production, for example. Every member of our industry must be concerned with these broader issues, or the world will pass us by, and we will be the loser. Ultimately, it is the well-being of our industry that is at stake, and that must be of paramount importance to broadcasters."

It is apparent that Central Canada—and likely, in due time Western Canada—will be enriched both at the broadcasting and at the public level, with the broadening of their turf by major French-Canadian broadcasters like Ed Prévost.



One must conclude that, given the opportunity, they could do much to help strengthen and advance both our country and our industry.

Phil Stone is a well-known writer, broadcaster and educator, based in Toronto. His Phil Stone Report is a regular feature of Broadcast Technology.

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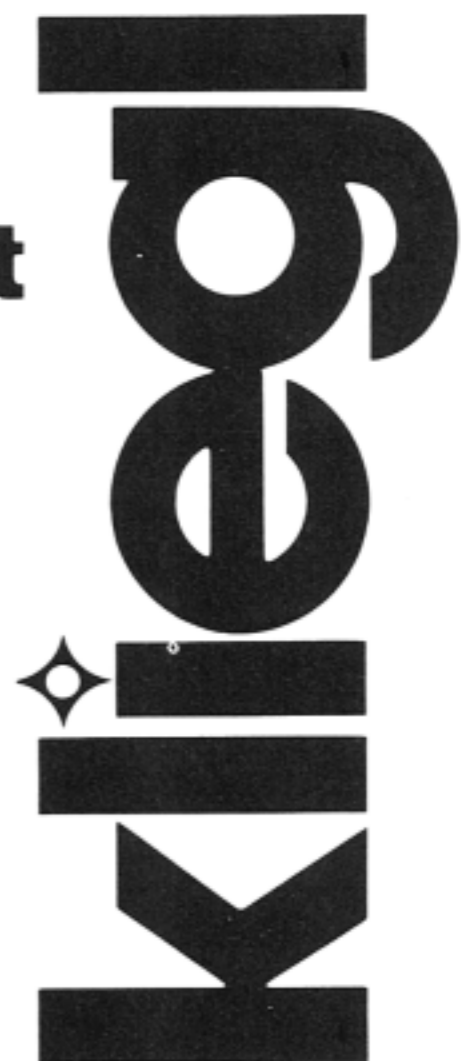
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AROUND ONTARIO

What has been happening in Central Canada over the summer?

The CRTC denied a lot of new stations, but did license two. **Henry Albert** is busy in Sudbury building an FM sister station to CHNO and CFBR. In London, **Jeff Guy** has already let major contracts to McCurdy and Collins for equipment for his new station—an FM counterpart for CJBK—which will be programming country music to the western Ontario area early next year.

AM Stereo Test at CKLW

Last newsletter, I mentioned **Ed Butterbaugh** was carrying out AM Stereo tests at CKLW, Windsor. As promised, Ed has kept me informed on the results with a very complete 52-page report entitled *Test Results of the Harris Corporation V-CPM AM Stereo System*. It covers directional antenna null protection, channel separation as affected by directional antenna systems, adjacent channel interference, distortion in monophonic receivers, sky-wave effects, compatibility, frequency response and distortion, and signal-to-noise ratio.

I had hoped to have a summary ready for this issue, but there was a lot to decipher in 52 pages, so hopefully it will be ready for the November/De-

ember issue.

Meanwhile, if you want to talk to an expert on the Harris AM Stereo System and foolproof ways for measuring and testing the system, just contact Ed; again, thanks for all the info.

* * *

It seems western Ontario has been most helpful in sending in information.

Larry Smith at CJOY/CKLA has just completed his studio additions construction and is busy tidying up the studios before starting some big plans on AM and FM transmitter sites for both Guelph and CFTJ Cambridge.

New facilities for CKOT

Also in western Ontario, **Robert Lamers** of CKOT Tillsonburg informed me of his recent endeavours. He writes:

"It all started in 1974, with major expansion of facilities at both transmitter sites. AM and FM were moved to new locations and increased in power: AM to 10,000 watts and FM to 50,000 watts stereo.

"Late in 1976, new offices were laid out at the front of our building, providing larger quarters and easier operation. The area previously occupied by the offices was changed to a sales room and two new stereo pro-

duction rooms, which can go on-air if needed.

"The main control room was completely rebuilt and a second control room added. Each is equipped with a new McCurdy SS8500 stereo console, and each has an adjoining separate news booth; there is also a common guest booth.

"New panelling throughout provides a pleasant ambience to work in. All on-air rooms have carpet on the walls to acoustically deaden sound, and this also contributes to attractive surroundings for all."

Bob sent the accompanying photos of the new layout, and adds that he or **Doug Zufelt**, who has now been with CKOT for two years, would be happy to show any engineering colleagues around the station.

* * *

Not only does Bob put together some pretty fine studios, he also puts together a pretty fine golf game! Just ask anyone who attended the very successful 7th Annual Golf Tournament held by Leblanc & Royle in June. A good time was had by all, including the L & R staff, but, of course they have a good time *all* the time, don't they?

* * *

Trevor Joyce at CHIN in Toronto reports they have installed a new stereo production console, a Ward-Beck R1200, a 12-input unit with lots of extras. Something else they have added which may be one of the first in the country is a new McKay Dymek Model DR-33 shortwave receiver. It is used to pick up three shortwave transmissions of international news broadcast especially for CHIN from RAI in Italy.

Trevor also mentioned the CHIN Picnic on the 1st of July weekend was a big success despite the poor weather this year.

* * *

In the North Country, ownership changes are underway for the Northern Group of Stations in Timmins, New Liskeard and North Bay and also some Central Ontario stations in Huntsville, Parry Sound, Orillia, and others, but are still pending CRTC notification. **Wally Lennox** at CFCH North Bay has added a new 10 kw Continental transmitter, and is in the process of changing his FM transmitter site and power.

* * *

Larry Cameron of CKWS/CKMK-FM/CKWS-TV Kingston—this year's CCBA Secretary Treasurer—is also updating his FM with a power increase, and transmitter and antenna change.

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On-air control room at CKOT, like adjacent master control (centre), is equipped with McCurdy SS8500 stereo console. Photo at right shows main monitors in master control: FM, STL and AM (left to right).



Tillsonburg stations now have three production rooms in renovated and expanded facilities. CKOT-AM is 10 kw daytime on 1510 kHz; CKOT-FM is 50 kw on 101.3 MHz.

* * *

The summer's excitement in the Niagara Peninsula has centered around an application by CFTR to increase power to 50 kw, relocating the transmitter site to the south shore of Lake Ontario half-way between St. Catharines and Hamilton. Congratulations to **Ron Turnpenny** and staff, **Tom Hoar** and **Rick Downe** of CFTR, who have now received CRTC approval. Construction of the new site will commence shortly, I understand.

* * *

And a final note from the uranium town of Elliot Lake, where **Phil Landry** is in charge of technical matters for CKNR (also CJNR Blind River and CKNS Espanola). CKNR has just installed a new completely solidstate Sintronic 1 kw transmitter. I guess in Elliot Lake they fight fire with fire—and radiation with radiation!

* * *

That's all for now. Make plans for the Convention—October 28 to 31.

Warren Parker is publicity chairman for the Engineering section of the Central Canada Broadcasters Association, and chief engineer for CKTB/CJQR-FM St. Catharines. His address at CKTB is P.O. Box 610, St. Catharines, Ontario, L2R 6X7.



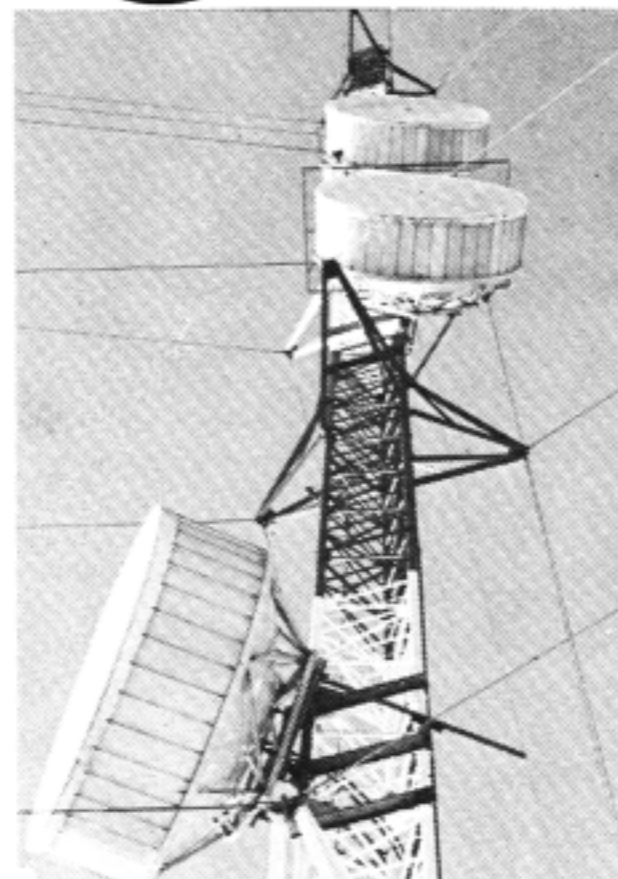
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in the news

RON MITCHELL DIES AT 46

One of the leaders of the broadcasting and cable television industry in Canada died suddenly on August 20th while vacationing in Florida.

J. R. (Ron) Mitchell, 46, suffered a fatal heart attack at the wheel of an automobile as he returned to his hotel after complaining of being unwell. His three teen age children, a daughter and two sons, with him at the time, were unhurt as the car left the road.

President of Moffat Communications Ltd., MTV Limited (CKY-TV) and Winnipeg Videon Ltd. in Winnipeg, Ron Mitchell was a member of the board of directors and executive committee, and chairman of the Future Policy committee, of the Canadian Association of Broadcasters. Past CAB chairman Ed Prévost paid tribute to him as a forward-thinking Canadian, whose loss will be felt by the entire broadcasting industry.

Funeral services took place on August 24th, 1979, in Winnipeg.

EEMAC MEETS

Representatives of 60 companies attended a recent Huntsville, Ontario, conference, *Electronics 1980-85*—sponsored by the Electrical and Electronic Manufacturers Association of Canada.

Speakers discussed the impact of changing technology in areas such as printed circuit boards, connectors, silicon devices and thick film, forecasting major advances in micro-processor based computers and other equipment. Canadian firms were advised to invest heavily in R&D, with 1979 regarded a critical year for retooling and upgrading to meet future demands of the marketplace. John de Mercado of DOC predicted "a great leap forward in integrated circuitry . . . eventually leading to 32 bit computers with one million bit memories on a single chip".

Another speaker referred to rising costs and "the continuing shortage of that most important resource requirement—experienced engineering talents."

EEMAC headquarters are located at 1 Yonge St., Suite 1608, Toronto, Ont. M5E 1R1; telephone (416) 863-7152.

CN/CP—BELL INTERCONNECT

The federal cabinet has re-affirmed the decision by the CRTC to allow CN/CP Telecommunications to interconnect its facilities with those of Bell Canada in Ontario and Quebec.

Minister of Communications David MacDonald said the decision is consistent with the new government's policy to encourage competition in industry. He noted that the CRTC has required the parties to report every 6 months and that the Commission's monitoring process will give provincial regulators full access to all pertinent data.

IEEE OCTOBER 2-4

The biennial Toronto conference of IEEE—the International Electrical, Electronics Conference and Exposition—returns to Exhibition Place, October 2-4, 1979. This year's theme is *Advancing Technology for the 80's*. Papers chairman Warren D. Little of the University of Waterloo has scheduled more than 100 papers under six headings: Communications; Power Systems; Biomedical; Computer; Electronics; and Alternate Energy Systems. There will also be tutorials on Fiber Optics and Microcomputers, and panel discussions on Industrial Strategy; Wired Society; and Research & Development in the 80's. The display area will feature over 200 exhibitors.

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PUBLIC HEARINGS

The following schedule of hearings was issued by the CRTC on August 7. Those planning to attend hearings should verify details, in case of last-minute changes.

- Sept. 6, 1979—Toronto, Ont.**
Chelsea Inn,
33 Gerrard St. W.,
- October 2—Hull, Quebec,**
Conference Centre
140 Promenade
du Portage
- October 15—Prince Albert, Sask.**
Avenue Hotel
1015 Central Ave.,
- October 18—Regina, Sask.**
Westward Inn
1717 Victoria Ave.
- October 22—St. John's Nfld.**
Hotel Newfoundland
Cavendish Square
- October 25—Corner Brook, Nfld.**
Glynmill Inn
- November 6—Prince George, B.C.**
Inn of the North
770 Brunswick St.,
- November 20—Hull, Quebec**
Conference Centre
- February 5, 1980—Montreal**
Le Meridien
- February 18—Amherst, N.S.**
Wandlyn Inn
- February 21—Halifax, N.S.**
Citadel Inn
- March 3—Medicine Hat, Alta.**
Westlander Inn
- March 6—Edmonton, Alta.**
Edmonton Plaza
- March 18—Toronto, Ont.**
Park Plaza Hotel
- May 6—Hull, Que.**
Conference Centre
- May 13—Winnipeg, Man.**
North Star Inn
- June 3—Hull, Que.**
Conference Centre
- June 10—Kelowna, B.C.**
Capri Motor Hotel

DECISIONS PUBLISHED

CRTC Decisions and Policy Statements, Volume 4, Part 1, containing decisions issued from April 1, 1978 to March 31, 1979, is now available from Supply and Services Canada, Printing and Publishing, Ottawa, Ont. K1A 0S9. Request catalog # BC9-3/1979, and enclose money order or certified cheque, payable to the Receiver General of Canada, for \$15 (\$18 outside Canada) per copy.

SEPT. 6—TORONTO

A special hearing has been called on the application by CJMS Radio Montreal (Quebec) Ltd. to purchase CHIC 790 AM and CFNY 102.1 FM, Brampton, Ont. The price offered for the Toronto-area stations is approximately \$2.5 million.

The bid was one of eight submitted to the Clarkson Co., receiver for All-Can Holdings Ltd., the licensee. All-Can was placed in receivership last April after its principals were charged with stock manipulation and fraud by the Ontario Securities Commission. Station operations have continued, with CRTC approval, under the management of the Clarkson Co., assisted since July by representatives of CJMS.

OCT. 2—HULL, QUE.

Applications by the CBC for new facilities in Ontario include:

- Atikokan—English FM, to rebroadcast AM service, 2.6 kw on 90.1 MHz.
- Mattawa—French TV, 2.8 kw on channel 26
- Owen Sound—English TV (ex-CKNX), 133 kw on channel 14.

Other applications:

- CIXX-FM London (Fanshawe College), for changes in its Promise of Performance;
- Global TV, for a national network to carry the Provincial Lottery programs;
- Citizens Cable TV, Burlington, Ont., to transfer all shares to Cybermedix Ltd.

OCT. 16—EDMONTON

An additional hearing has been scheduled by the CRTC at 9:00 am, October 16, 1979, at the Edmonton Plaza Hotel. It will consider the transfer of CKST St. Albert to the OK Radio Group Ltd., Westlock, Alta. St. Albert is a suburb of Edmonton, with a population of 29,000. CKST began operations only a year ago with 10 kw on 1070 kHz.

OCT. 18—REGINA

A major part of the agenda at the Regina hearing will be licence renewal applications for cable TV systems in Saskatchewan. Previously scheduled for Dec. 7,

1978, they were postponed when Saskatchewan Telecommunications requested the Federal Court to delay until Sask-Tel's status was determined. The Court has now ruled that Sask-Tel be heard as an intervenor.

Other applications include:

- CBC, for FM at Uranium City, Sask., 85 w on 105.1 MHz, ex-CBK.
- CBC, for TV at Meadow Lake, Sask., 8.56 kw on ch. 8, ex-CKSA-TV.
- Central Broadcasting, Prince Albert, for TV at Tisdale, Sask., 8.4 w on ch. 13, ex-CKBI-TV.
- Western Manitoba Broadcasters, Brandon, for TV at McCreary, Man., 31.8 kw on ch. 11, ex-CKX-TV.
- Transfer of CHEC Lethbridge/CKTA Taber, Alta., to heirs of H. W. Brown.
- Transfer of control of CKGY Red Deer, Alta., to BGM Systems Ltd. (55%).

OCT. 22—ST. JOHN'S

In addition to licence renewals, applications include a CBC TV rebroadcaster at Trepassey, Nfld., 122 w on ch. 4, ex-CBNT; also Hayward Burry, licensee at Glovertown, Nfld., for an extension of the service area of his cable TV system.

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AM APPLICATIONS CALLED

The CRTC has received applications for the following communities:

- **Moncton, N.B. (French)**—other persons wishing to apply were advised to state their intention by August 20 and file by September 20.
- **Edmonton, Alta (Multilingual)**—other persons wishing to apply are to state their intention by September 14 and file by November 2.

DECISIONS

AM RADIO

SOUTH FRASER WINS RICHMOND, B.C., BID

South Fraser Broadcasting Ltd. has been named licensee of a new AM station to serve the Vancouver suburb of Richmond.

The company had applied for 2,500 watts on 940 kHz; however, the CRTC ordered that another frequency be located to ensure service to Delta and White Rock. (The original application had proposed a second 2,500 watt transmitter on 1600 kHz at Delta.)

A competing application by Gulf Broadcasting Inc., for 10 kw on 1260 kHz, was denied.

While both applicants were commended on the quality of their presentations, the decision said the South Fraser proposal of-

ferred more realistic programming and greater diversity of music, together with plans for a local advisory board and publication of a monthly newsletter. News will be 40% local, and ten hours a week of programming will use local talent, with an initial budget of \$15,000. A mobile studio will broadcast from remote locations 2 hours daily. The new station also plans to collaborate with Douglas College in developing a course in broadcast journalism.

Principals of the licensee include Michael J. Dickinson, Taylor Stoess and Ian Alexander, former program director of CHQM.

BAIE-COMEAU APPROVED.

A new AM station at Baie-Comeau, Quebec, 1 kw day/250 watts night on 790 kHz, has been licensed to Henry Leonard. It is to provide local news and a programming alternative to CHLC Hauterive, Que.

Other AM approvals:

- An increase in daytime power from 25 to 50 kw, and change of transmitter site from Mississauga to Grimsby, Ont., has been approved for CFTR (680) Toronto, "subject to the successful conclusion of international negotiations".
- CHRT Pohénegamook, Que. (satellite of CJFP, Rivière-du-Loup)—power increase from 250 to 1000 watts.
- Fawcett Broadcasting—new low power AM rebroadcasters of CKDR Dryden, Ont., at Ear Falls (40 w, 1490 KHz), Hud-

NO FREEZE ON LOW POWER FM

A clarification has been issued by the CRTC on its April 18, 1979, notice that it would issue no further calls for private FM applications before the end of this year, pending a CBC report on FM requirements.

Excluded are unprotected low power FM stations of 50 watts or less. (Refer to DOC Broadcast Procedure 14 and 15).

son (40 w, 1450), and Sioux Lookout (50 w, 1400).

- **CHLT Sherbrooke**—disaffiliation from Radio-Canada AM radio network.

Transfers:

- **CHTN Charlottetown, P.E.I.**—transfer of 100 common and 1900 preferred shares, as a result of the retirement of W. A. MacRae, to two other shareholders, A. K. Scales and A. E. MacLennan.
- **Kirkland Lake Broadcasting (CJCL, also CJTT New Liskeard, Ont.)**—transfer of all shares from Northern Broadcasting Management to R. Ancell.
- **Greg-May Broadcasting CKLY Lindsay, Ont.**—transfer of 37% of common shares from several shareholders, chiefly to CHAY Ltd. (Barrie) Ont.
- **Rideau Broadcasting (CJET AM-FM Smith Falls, Ont.)**—transfer of control to Royal Trust Co., executor of the estate of J. W. Pollie Ltd., with minority interests to Patrick Watson, Hal Botham and Clifford Simpson. Pollie's nephew and sole beneficiary, Hugh Colton, will become major shareholder on reaching age 25 in about five years time.
- **Goose Lake Broadcasting (CKKR) Rosetown, Sask**—transfer from Stanley J. Solberg to R. Hykaway, D. W. Williams and J. Blundell.
- **Dinosaur Broadcasting (CJDV Drumheller, CKBR Brooks and CHOA Stettler, Alta.)**—transfer from A. Mayer to Stanley J. Solberg and E. A. Toshach.

Networks:

Approval has been given for 16 Quebec stations to join the Télémedia radio network. They include six which will disaffiliate from the radio-Canada AM network: CJAN Asbestos, CFDA Victoriaville, CKFL Lac Megantic, CKLD Thetford Mines, CJLP Disraeli and CKTL Plessisville, where CBC FM stations will now provide network service.

The other Télémedia additions are: CHRL Roberval, CFLP Rimouski, CKRN Rouyn, CKVD Val d'Or, CHAD Amos, CKLS La Sarre, CKML Mont-Laurier, CKSJ St-Jovite, CKMG Maniwaki and CKLR L'Annunciation. The network began in 1973 with four stations.

- **CFRB Toronto**—a 3-station network for Argo football.
- **Hewpex Sports Network**—addition of two stations for Toronto Blue Jays baseball broadcasts.
- **CKCK Regina**—addition of CJNS Meadow Lake to football network.



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FM Radio

The following CBC FM operations have been approved:

- Middleton, N.S.—93.4 kw on 106.5 MHz (English ex-CBH); 19 kw on 107.5 (French, ex-CBAF).
- Campbellton, N.B.—amended to 36 kw on 88.9 (French, ex-CBAF).
- Neguac, N.B.—amended to 32 kw on 97.9 (French, ex-CBAF).
- Thetford Mines, Que.—250 watts on 91.7 (English, ex-CBM); French amended to 360 w on 103.3 (ex-CBV).

Other FM approvals:

- Halifax, N.S.—CKO-FM-9 granted use of 103.5 MHz.
- Guelph, Ont.—new station, 50 w on 93.3, licensed to Ian S. McDiarmid to provide student and community access radio.
- Kashechewan, Ont.—new station, 0.28 w on 90.1, licensed to Wa-Wa-Ta Native Communications Society.
- Kitchener, Ont.—CKLG-FM renewed; will develop weekly country music show from new Kitchener Arts Centre.
- North Bay, Ont.—CKAT-FM amended to 68 kw on 101.9, with antenna moved to CBC tower.
- Tillsonburg, Ont.—CKOT-FM renewed for full 5-year term.
- Brandon, Man.—CJCM-FM granted SCMO for background music.
- Tungsten, NWT—new station, 18.45 w on 107.1, to rebroadcast CFWH.

CFCF TRANSFER OK'd

All of the shares of Multiple Access Ltd., licensee of CFCF, CFQR-FM, CFCF-TV and CFCX (shortwave), Montreal, have been transferred to a new company, CFCF Inc., controlled by Jean A. Pouliot.

In approving the \$25.8 million purchase, the CRTC called for a new Promise of Performance to be submitted by October 31, increased input by CFCF-TV to CTV network programming and more emphasis on local production, with improved week-end news coverage. Pouliot is expected to resign as a director of Tele-Capital Ltd. (CFCM and CKMI-TV, Quebec City), in which he holds 25% of the voting shares, so as to devote his full energy to CFCF. The new company intends to divest itself of the computer division of Multiple Access, in order to concentrate on broadcasting.

A minority of CRTC commissioners dissented from the decision, which follows a previous denial of an application by Baton Broadcasting of Toronto to purchase the stations.

Associated with Pouliot are Don Martz, Lee Hambleton, Douglass Hanson and John Krug of CFCF. The Dofasco Employees' Fund owns 12.5 per cent of voting shares.

Television

NORTH-WESTERN ONTARIO LICENCES GRANTED

Following a hearing last October on the problem of extending television services to remote areas of north-western Ontario, the CRTC has issued the following licenses:

- **Kenora Cable Vision**—addition of stations to be received by microwave, and of new CTV affiliate at Kenora; community programming to be upgraded.
- **Norcom Telecommunications**—CTV rebroadcasters at Kenora, Dryden, Ear Falls, Ft. Frances, Ignace, Red Lake and Sioux Lookout; cable TV systems at Ear Falls, Ignace, Rad Lake and Sioux Lookout.
- **David Brough** (representing a company to be incorporated)—English-language TV stations at Nakina, South Bay Mines, Caramat, Mattabi Mines and Moosonee. Brough, whose unlicensed operations played a role in forcing the CRTC to act on the problems in NW Ontario, proposes five TV transmitters in each location; three signals would be "scrambled" and sold to subscribers, the others would provide normal off-air reception of educational and community programming. In addition, off-air CTV and French programming is planned. Decisions are forthcoming on similar applications for Longlac, Rainy River and Pickle Lake, where competing applications are being filed.

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Applications denied:

• **Modern Radio & TV Systems**—proposal to receive signals via Anik satellite for distribution on cable TV systems at Geraldton and Beardmore denied, as service is not yet available.

• **Dryden Community TV**—application to receive "superstation" WTCG-TV Atlanta via the RCA Satcom satellite denied. Canadian law prohibits the licensing of earth stations to receive signals from foreign or internationally-controlled satellites.

• **Lakeshore Community TV**, White River—reception of WTCG and Christian Broadcast Network denied (as above).

STATUS QUO IS AIM OF TORONTO AREA TV

The CRTC has criticized television stations in the Toronto area for failing to respond to its demands for high quality Canadian productions.

The Commission says that "without exception", the new Promises of Performance reflect "what is currently on the air". Performance is considered satisfactory "only in the area of news and public affairs" and none of the broadcasters said what they were going to do about the absence of Canadian programs in prime time.

The CRTC reiterated its intention to ensure that "private broadcasters make an in-

creased commitment to the predominance of Canadian programming of excellence". It warned the licensees to make such a commitment in renewal applications to be heard next fall. Co-production and employment of independent producers were suggested as part of the solution.

The Commission also announced that it would work with the stations to develop a uniform method of accounting for operations and productions, and that this uniform method of reporting will eventually be imposed on all Canadian broadcasters.

In response to an intervention by the Canadian Hearing Society, the CRTC asked stations to examine the possibility of providing sub-titling which would be visible only through the use of a converter. This is now technically feasible and would enable deaf persons to follow subtitled programs.

Specific comments on stations:

CBLT Toronto: local scheduling should reflect a strictly regional service; "determined resistance" from CBC to CRTC attempt to get detailed financial data for CBLT.

CFTO Toronto: had least Canadian content between 8-10 pm (less than 5%); planned drama series for current season costing \$60,000 per episode "encouraging".

Global TV: primary service area remains Southern Ontario; moving late evening news to 11:00 pm "deeply regrettable" and has also resulted in dramatic drop in audience; debt-load must not interfere with

programming commitments (Global recently purchased Tee Vee Records and the Toronto Blizzard soccer team).

CHCH-TV Hamilton: "in a very strong financial position"; must provide resources, including studio improvements, if necessary, to develop high quality programs; \$6 million investment in a Canadian feature film is not a substitute for quality TV production.

CITY-TV Toronto: some favorable comments on production undertaken since recent purchase by CHUM Ltd., otherwise, a "wait-and-see" attitude to Toronto's "downtown, big-town, hometown" TV station.

CKVR-TV Barrie: to Strengthen regional news service; three programs of local musical talent undertaken for current season.

CKCO-TV Kitchener: more emphasis to be given community affairs coverage throughout region served; \$1 million being spent to upgrade studio facilities; should play greater role in CTV programming.

CTV: 3-YEAR RENEWAL

Canada's privately-owned English TV network, like its publicly-owned counterpart, has been renewed for three years only, to Sept. 30, 1982.

The CRTC wants to review all networks together, in what it terms "a period of rapid transition" influenced by advancing technology.

Meanwhile, CTV has been required to commit more money to Canadian production. Noting that co-production with foreign partners is not entirely satisfactory in meeting this objective, the CRTC called for greater programming by CTV member stations and independent producers. It also expects CTV to schedule quality Canadian shows at peak viewing hours.

The network has announced that it is appealing to the federal cabinet to overrule the decision, and will seek Federal Court permission to challenge points of law in court. According to CTV, it is beyond the CRTC's power to legislate specific programming decisions.

CITV EDMONTON RENEWED

A 4-year renewal has been handed Edmonton independent CITV-TV. The station was commended for its effort in local production, the CRTC noting that while expenditures are high, revenues are also above original forecasts. With regard to equipment costs, the CRTC said it considers the purchase of high quality equipment to be "in the best interests of providing a quality broadcast service".

QUEBEC TRANSFERS OK'd

• Transfer of control of **Tele-Capital Enterprises** to La Verendrye Management Corp. has been approved. J. Conrad Lavigne is among the new directors of Tele-Capital. The company has undertaken the following improvements at its stations:

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CFCM-TV—\$350,000 for cameras, \$600,000 for transmitter renovation, increased local production, including five new series this season; **CFER-TV**—mobile van for Matane area, with rebroadcaster to be established in the next year, production studio for Baie-Comeau/Hauterive area to be built within 2 years; **CHRC/CHOI-FM**—\$650,000 for separate facilities, \$100,000 to develop local talent over next 4 years; **CKMI-TV**—increased local production; **CKLM**—improved news service. Tele-Capital will also be expected to aid in extending the TVA network to the Gaspé and northeast New Brunswick area.

• The transfer of **CHEM-TV** Trois-Rivieres and **CHLT-TV** Sherbrooke from Telemedia to **Pathonic Communications Inc.** has also been approved. Pathonic is owned by Paul G. Vien and family (51%) and **Télé-Métropole Inc.** (34%). Both stations are TVA affiliates and it is anticipated that more TVA production will now originate at **CHLT-TV**.

Other TV approvals:

CBC rebroadcasters:

Location	Channel	Watts	Source
Geraldton, Ont.	7	2,300	CBLFT
Manitouwadge, Ont.	15	9,800	CBLFT
Exshaw, Alta.	34	1	CBRT
Vedder Crossing, BC	69	10	CBUT
Chilliwack, BC	36	10	CBUT
Ruby Creek, BC	25	10	CBUT
Pouce Coupe, BC	7	10	CJDC-TV
Taylor, BC	12	10	CJDC-TV
Ft. St. John, BC	9	180	CJDC-TV
Ft. St. James, B.C.	7	5	CKPG-TV

Privately-owned rebroadcasters:

Trois-Pistoles, Que.	8	10	CIMT-TV
Naden Harbour, BC	10	1	CFTK-TV
Wakeman Sound, BC	9	1	CBUT
Silver River, BC	7	1	CBUT
Pitt River, BC	10	1	CHEK-TV
Narrows Inlet, BC	10	1	CHEK-TV
Wakeman Sound, BC	7	1	CHAN-TV
Keno Hill, Yukon	5	5	CBKHT

• **Multilingual Television (Toronto) Ltd.**—amended to 807 kw ERP on channel 47, with antenna on CN Tower.

• **CBC—CBNAT-5** Millertown, Nfld., amended to 83 w on ch. 9, with new antenna site.

• **CBC—CBKFT-6** Gravelbourg, Sask., amended to 19 kw, with change of tx site.

• **CBC—CBWST** Dauphin and **CBWYT** Mafeking, Man., to carry local programming originating in Dauphin studio of **CKX-TV** Brandon.

• Change of tx sites for **CBCP-TV-3** and **CBKFT-7** Ponteix, Sask; **CJDC-TV-2** Bullhead Mtn., B.C.

Cable Television

3 NETS FROM FRANCE FOR QUEBEC CABLE

The CRTC has approved a proposal to im-

port the signals of three television networks from France. The networks, TF-1, Antenna 2 and FR-3, will be offered through an organization known as SETTE.

Approval was given for 16 systems in Quebec to carry the signals effective September, 1979, with another 20 starting in September, 1980. The CRTC wants the service made available to cable operators throughout Canada, stating that it will help create a better balance between French and English services.

PARLIAMENT ON TV

A temporary network licence has been granted to the CBC for a 30-day period, commencing with the opening of parliament in October, to broadcast sessions from the House of Commons.

Cable Satellite Network is also an applicant to distribute the service, and a public hearing will be held before a final decision is made. The CBC was advised that the temporary licence does not prejudice the outcome and is not to be used as a rationale for entering long term contracts to distribute the proceedings.

Any licensee of the CRTC may participate in the network.

NANTICOKE, ONT., OPEN

The CRTC has received an application for a cable TV licence to serve Nanticoke, On-

tario, and has advised other interested parties to file by September 24, 1979.

TRANSFERS

The following transfers of ownership have been approved.

• **Tri-Town Cable TV**, Bridgewater, N.S. area—100% to Central Cable. The two systems are to be amalgamated.

• **Chouinard Télévision**, La Pocatière, Que.—30.5% to J-L Chouinard (51.3%).

• **Northgate Cable TV**, Hamilton, Ont.—100% to John S. Levy, on behalf of a company to be incorporated. The licensee is to share in ownership and use of the head-end of Western Co-axial Ltd.

• **Modern Radio & TV Systems**, Beardmore and Geraldton, Ont.—John S. Emmans, previously a partner, becomes sole owner.

Denied: Transfer of the system in the Lachute area of Quebec. The applicant proposed financing through a non-Canadian finance company, thus opening the possibility of a takeover by a non-Canadian firm. (Broadcasting operations in Canada must be 80% Canadian owned.)

Vaudreuil, Joliette, Que.

Télécablé Vidéotron Ltée has been licensed to extend its service to the Vaudreuil and Joliette areas of Quebec. In each case competing applications for new systems were denied: that of Frank R. Peters for Vaudreuil, and that of Jean Malo for Joliette.



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