

CHYM TURNS ON 570

June 21st was the day of "The Great 570 CHYM Turn-On" in Kitchener, Ontario. The event was marked by a luncheon celebration attended by close to 1000 guests at Bingeman Park Lodge.

It was the culmination of years of work by Greatlakes Broadcasting System Limited to locate a new frequency for the station, which previously operated on 1490 kHz. The move was made possible through an agreement with CFOS Owen Sound, which operates on 560 kHz. CFOS acquired a new transmitting plant and a rebroadcaster, CFPS, at Port Elgin on 1490 (1 kw day/250 watts night, omnidirectional), providing greatly improved signals throughout its coverage area.

Construction began two years ago, shortly after CRTC approval of the original plan. (A May 16, 1978, decision by the CRTC granted daytime power increases for CHYM, to 10 kw, and CFOS, to 5 kw.)

CHYM's chief engineer, Paul Firminger, who described the project in the article *Shoehorning a Frequency* (*BET*, July/August, 1976) reports that numerous innovative engineering features have been incorporated to maintain the stability of CHYM's DA-1 directional array; and, to cope with the "brown-outs" being forecast for the 1980s by Ontario Hydro, an emergency power generator has been installed with a 1000-gallon fuel tank, capable of operating the transmitter for up to 10 days.

For the stations' technical staff, it's been a gruelling two years: almost 200,000 km were clocked, wearing out two vehicles—and for the final proof alone, over 10,000 miles of travel were required

throughout southwestern Ontario and the Georgian Bay area.

BET joins in congratulating CHYM and CFOS on the completion of their new facilities.



Two-year construction program involving three stations was launched with signing of agreement by John Larke vice-president of Greatlakes Broadcasting and Bill Hawkins, president of CFOS Owen Sound. Engineer Paul Firminger looks on.

congratulations

RADIOCHYM
KITCHENER • WATERLOO

on your new frequency change to 570 kHz

— from some of the people who helped to make it happen:

- **FISCHER & PORTER FIBREGLASS SHELTERS**
Downsview, Ontario
- **INCOM CONSTRUCTION**
Kitchener, Ontario
- **M.S.C. ELECTRONICS**
Downsview, Ontario
- **MAXTOWER COMPANY LTD.**
Brantford, Ontario
- **SCHINDLER ELECTRONICS**
Cambridge, Ontario
- **WILSON ELECTRIC**
Waterloo, Ontario

CCBA ENGINEERING NEWSLETTER

with Warren Parker

1978 CONVENTION

Firstly, let me report on the activities of late at the CCBA Executive meetings.

As discussed at last year's business meeting, the CCBA constitution has been reviewed and amended, and will be forwarded to member stations shortly, prior to submission to this year's business meeting.

Plans for the convention at the Royal York Hotel in Toronto, October 29 to 31, are almost complete. Although there are some good papers being planned, the success of the paper sessions really depends on station engineer presentations, so if you have a project or subject you would like to talk about, please get in touch with **Paul Hunter**, CCBA Papers Chairman, c/o CHIN Radio, 637 College Street, Toronto, Ontario, M6G 1B6 or myself. Your involvement will make the CCBA Convention better for all.

ALL'S WELL AT 'OC

This newsletter was interrupted last issue by a frightening incident at CKOC in Hamilton. **Al Bennett**, we are pleased to report, is back to good health (and back to work), but is still taking things easy. He would like to publicly thank everyone for their kindness and thoughtfulness. Al says it's "on with the job now"—because CKOC has received approval for a new 50

kw installation. **Les Horton** says he always wanted to install a 50 kw, but is concerned he is getting too old for that kind of activity!

BOB GAUTHIER "RETIRES"

Someone else well known to the broadcast industry won't settle for an easy retirement either. After 28 years in the business Bob Gauthier is simply going to retire from Harris Radio and jump right back into things by going to work for **Brian Sawyer** and Associates. He plans to work at his pace though, he claims. Bob worked for 16 years with Marconi and 12 with Gates/Harris Intertype.

In talking with Bob on the 31st of May, he joyously said he had "five more hours left to work". I know part of his joy was for his retirement, but he also mentioned he had just completed a rather substantial sale of TV equipment to CKOS Yorkton, Saskatchewan.

It was a rather nice way to retire and Bob still plans to see us at the conventions and such, he reports. Let's hope Bob has another 28 years with Brian & Company!

M.S.C. ASSURES AEL SERVICE

AEL transmitter users, have no fear! **David LaFrenais** of M.S.C. Electronics would like me to explain what has happened and set some rumors to rest.

Yes, American Electronic Labs of the U.S. have decided to concentrate their efforts in other aspects of manufacturing—especially military electronics—and to discontinue building broadcast transmitters. Nevertheless, warranties will continue to be honored and a complete spare parts inventory will be available for many years to come.

The discontinuing of the transmitter line is upsetting to David LaFrenais, though, and he is attempting to purchase the rights to build the transmitters, along with the remaining inventory, from AEL, so there will be no disruption in the availability of these transmitters.

AROUND ONTARIO

• A lot of activity is taking place in Sudbury at CKSO. **Ken Houzer** has left and the new chief engineer for TV is **Bill Schofield** who comes from Israel by way of New Brunswick. Apparently for the last few years Bill has set up TV studios and transmitter sites in Israel.

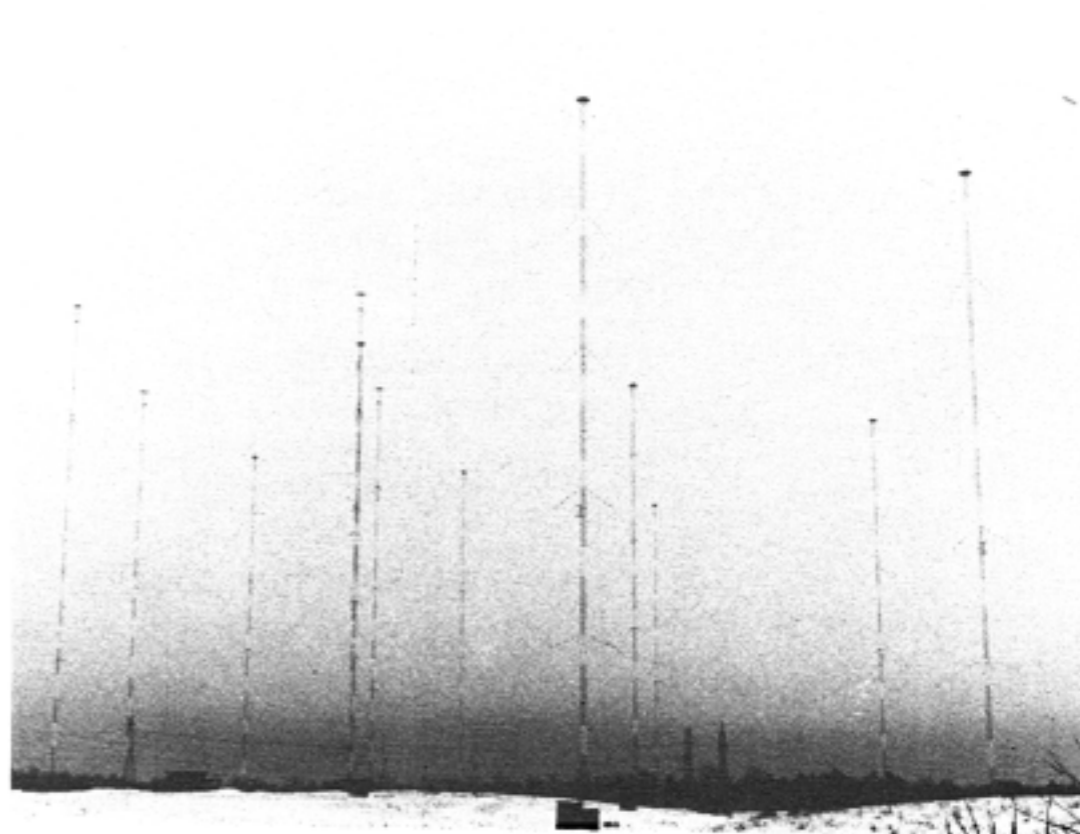
Also at CKSO, **Eckard Dell** has left to join the new CBC-FM station, which is now feeding programs not only to Sudbury but to North Bay and throughout the North on the expanded CBC-FM network.

Helmet Frauscher is still looking after AM & FM, and reports he is very pleased with the 790 50 kw installation as it is:

CFGM-1320/CFTJ-960 PROJECT COMPLETED



Bruce Carnegie, director of engineering at CFGM Richmond Hill, Ont., adjusts night phasing equipment for the station's new 1320 kHz installation. The 50 kw country music station was previously on 1310. Research and development for the change of facilities took some five years, and involved three stations. Actual construction took two years and included a new transmitting plant for CFTJ Cambridge, which moved from 1320 to 960 kHz. To further complicate the project, CFTJ also went through a change of ownership last year.



The new CFGM-1320 array consists of four 400-foot towers for the daytime pattern and nine 250-foot towers for nighttime. The 13 towers are spread over half a mile of countryside in Mississauga, west of Toronto, on the same site as was used for 1310. The logistical challenges in rebuilding the array and changing virtually all the tower locations, while keeping CFGM operating normally, were considerable, Bruce admits, but results are "most worthwhile", with coverage from Woodstock-London on the west to Belleville-Kingston on the east.

working tremendously well.

• Although at the time of this writing most of us are wishing for rain, a few short weeks ago **Gene Heinz** couldn't get rid of the rainfall at the CFCO Chatham transmitter site. The photo shows water 2 to 3 feet deep within a few feet of his transmitter building. Pumps were running 24 hours a day to control the flood conditions. This year has been the worst ever, Gene claims.



• Remember the violent wind storm a few months ago? **Bruce Dingwall** of CJJD Hamilton had enough when the roof blew off his transmitter. So he hired some help. **Martin Weddum**, a former Mohawk student who has spent the last while at Stratford Festival Theatre, joins Bruce and claims he has been bitten by the radio bug: doesn't mind long hours, working at night, having to listen to one station constantly. (Eager newcomers are always welcome to the broadcast engineering game!)

• Director of Engineering **Larry Smith** reports that CFTJ Cambridge has recently signed an order with McCurdy Radio for a package of equipment to upgrade both its on-air and production control rooms.

The purchase includes an MRI SS8600 Custom console with provisions for AM Stereo, four SPIO-MkII turntables, and three ITC 750 reel-to-reel machines. The studio space was expanded and completely renovated shortly after the change of ownership last year. Chief Engineer **Larry Keats** will have a first-rate facility with the completion of this project.

• A little further west, **Jeff Guy** is basking in the sun, or should I say sweating, as he converts his DA-1 array to a DA-2. Lots of cables to run and components to install, apparently.

• Broadcast engineering circles always

ring with reports of mishaps and how the fellow broadcaster (quite often the competition) has helped out.

Such was the case in Renfrew this last Christmas. On December 21, 1977, CKOB Radio had a fire break out in their studios at 1:00 a.m., which engulfed the station by the time it was noticed. A mere 15 hours later, CKOB was broadcasting again and, with everything settled down and running smoothly again, the management and staff would like to thank everyone who helped out, especially CFRA Ottawa and CHOV Pembroke.

• In closing, let me pass this little tidbit along from **Bob Cooke** at CHOK Sarnia.

“AIN'T IT THE TRUTH”!?!?

President—Leaps tall buildings in a single bound, is more powerful than a locomotive, is faster than a speeding bullet, walks on water, and tries to give policy to God.

General Manager—Leaps short buildings with a single bound, is more powerful than a switching engine, and is just as fast as a speeding bullet, walks on water if the sea is calm, and talks to God.

Sales Manager—Leaps short buildings with a running start and favourable wind, is almost as powerful as a switching engine, is faster than a speeding bullet, walks on the water of an indoor pool, and talks to God if special request is approved.

Program Director—Barely clears a quonset hut, loses tug of war with a locomotive, can fire a speeding bullet, swims well, and is occasionally addressed by God.

News Director—Makes high marks when trying to leap building, is run over by locomotive, and sometimes handles a gun without inflicting self injury, can dogpaddle, and talks to animals.

Accountant—Runs into buildings, recognizes locomotive two out of three times, is issued ammunition, can stay afloat if properly instructed, and talks to water.

Salesman—Falls over door sills when trying to enter building, says “Look at the choo-choo,” wets himself with a water pistol, and talks to himself.

Chief Engineer—Lifts buildings and walks under them, kicks locomotives off the track, catches speeding bullets in his teeth and chews them, freezes water with a single glance—because a Chief Engineer is God.

Again, thanks for contributing items. Keep them coming to me.

Warren Parker
c/o C.K.T.B.
P.O. Box 610,
12 Yates Street
St. Catharines, Ontario L2R 6X7

TOTAL TOWER PACKAGE



DESIGN
ENGINEERING



FABRICATION



INSTALLATION



SERVICE



**SKY-HOOK
CONSTRUCTION
INCORPORATED**

26 Holtby Avenue Brampton, Ontario L6X 2M1

(416) 459-8383 TLX. 06-97641

Circle #146 on Reader Service Card

BROADCAST EQUIPMENT TODAY 15

happenings

• **Don Lawrie** tells us that **CKWS Kingston**, Ontario, lost two of its six towers on a windy day in April. Fortunately, the station was able to remain on the air, obtaining permission for the use of nighttime pattern on a full-time basis. Apparently the guy anchors came loose on two of three towers installed about 12 years ago. Strangely enough, each of the 170' towers came down independently of the other. (*A reminder to other stations check those guy anchors!*)

• **DOC** has proposed *three new frequency bands for low-power remote control radio devices*: 310-320, 350-360 and 380-400 MHz. Most of these devices have been using 27 MHz, but interference from CB and growing demand make the new bands a necessity. Circular TRC-51 provides full details. Another area of **DOC** action is home TV games: the department is setting standards to ensure that the games will not interfere with radio and TV reception.

• Hats off to **Sony of Canada** for its presentation of instructional courses. Among them: the *Basic Color TV System* seminar (three days), which will be held in Vancouver, September 12-14, and the *Advanced TV Production* workshop (two days), which will be held in Toronto, September 18-22. For further information contact **John Tiltman**, national training manager, at (416) 252-3581.

• The **Maclean-Hunter Cable TV** system in Thunder Bay, Ont., has installed two Ikegami cameras, providing full color capability for both studio and mobile operations. Many residents of the area attended a gala Open House to tour the expanded facilities.

• **Rupert Neve of Canada Ltd.** recently demonstrated the **Lyrec TR 532 Multitrack Recorder**. Available in 8, 16 and 24-track models, with remote control, the machine, according to **Henning Beck**, engineer for the Danish firm, is the result of extensive research among many European recording studios. First sale in North America was by **Clary MacDonald** to Experience Publishing in Montreal, for a new 24-track studio.

• A 32-mile *fibre optics* link is being built by **Harris Corporation** for **Alberta Government Telephones**. The underground cable, between Calgary and Cheadle, Alta., will cost \$6.6 million and is the longest, highest-capacity optical fibre communications link yet proposed. Its capacity will be 274 million bits of digital information per second. To be completed by fall, 1979, the cable has an expected life span of 20 to 30 years, versus 5-7 years for conventional cable.

• Canada's first radio reading service for the blind is now on the air over **CING-FM Burlington**, Ont. Receivers are loaned, without charge, by the Oakville Public Library, to receive the **SCMO** broadcasts.

• **Frost & Sullivan, Inc.**, international market researchers, report that the world market for *electronic test and measurement equipment* will double by 1985 to \$3.6 billion, from last year's \$1.8 billion. The forecast indicates that use of the microprocessor and IEEE interface bus standard will result in a new generation of custom programmable, automatic test equipment, opening up opportunities for new and smaller manufacturers. In a separate report, the same firm predicts "explosive"



Hitting one of the "high spots" in New Orleans are Angela Bradley, wife of Norm Bradley, general manager of Northern Cable Services, Sudbury, Ont., and Derek Henry of DGH Television Systems. Or maybe they were just getting away from the flood waters that plagued New Orleans during this year's convention of the National Cable TV Association (NCTA)!

growth for the *video cassette recorder* (VCR) market, with side benefits for many related industries.

• New studio and office facilities have been completed at **Peterborough Cable Television Ltd.**, providing full color facilities—studio and mobile—for community programming. Equipment includes four Panasonic 2-tube cameras and a Sony 1610 portable camera.

• The first **VHCM 15 GHz** network in Canada will be in operation shortly in western Ontario. Owned by **Grey-Bruce Microwave Services**, it will carry four channels, initially, fed from Owen Sound and Walkerton to cable systems in the area. The installation is by **DGH Television Systems**, Canadian distributor for **International Microwave Corporation**. It will include use of **Scientific Atlanta's** 6350 modulators, new **SAW filters** and 6250 demodulators, which are now to be standard equipment in microwave systems supplied by **DGH** in Canada.

• **CKND-TV Winnipeg** recently originated a three-part program, *Open House Canada*. The series had visiting high school students from Newfoundland and Quebec discussing mutual interests with their Winnipeg counterparts.

• A \$6 million expansion of the **Philco-Ford** electronics plant at Don Mills, Ont., creating 300 new jobs, will be devoted to production of a *new-design AM/FM stereo radio* and tape player. The new radio replaces the old slide-rule dial, projecting knobs, and pushbuttons with an electronic digital display of AM or FM frequency,



Canadians attend IEC Meeting. Participating in Budapest, Hungary meeting on international tape standards are **Allen Powell**, McGill University, Montreal; **Pauline-France Cormier**, department of Secretary of State, Ottawa; **Ray J. Brulé**, 3M Canada Ltd., London, Ont.; and **Hellmut Berger**, Baton Broadcasting Inc., Toronto. **Committee TC60 Recording (Audio and Television Standards)** of the **International Electrotechnical Commission** met previously in Ottawa in 1976.

happenings

rocker switches and slides, and "memory" touchbuttons. Ford says this electronic radio represents the first major style change in car radios since pushbutton tuning, 40 years ago. Now, a quartz-crystal will fine tune the receiver to a station's exact frequency.

● **Pat Hurley**, after nearly 13 years with the folks at the Standard Broadcasting, leaves St. Clair Productions on August 31 for his own syndication company, P. J. Hurley Inc. With partners **David Hammond** and **Paul Williams**, PJH will market some of the productions coming out of St. Clair, where **Rick Loth** takes over sales.

● **ABC-TV** in Hollywood are now using two Canadian-made 12-channel portable mixing boards for mobile operations such as the PGA golf tournaments. Supplied by Richmond Sound Design Ltd. of Vancouver, the M8S-B was selected for its gain and headroom, among other features.



Although CFLA-TV Goose Bay, Labrador, went on the air in 1956, local origination color capability was added only recently. Photo shows refurbished control room, looking into studio, now equipped with Hitachi FP 1212B and portable SK80 color cameras.



With conversion to color, CBC staffers from Goose Bay and Labrador City participated in a training course on the new cameras, led by Charlie Eguchi of Hitachi. Some of the group are seen in discussion in CFLA-TV control room.

● **Yvonne C. Brill** has been appointed manager of the NOVA Propulsion program at RCA, Princeton, NJ. A native of Winnipeg, Mrs. Brill will be responsible for on-board propulsion systems and launch operations of the program, which includes three navigation satellites being built for the U.S. Navy.

● This summer's Good News reporters on CFRB Toronto are **Paul Allen**, Conestoga College; **Brenda Finley**, Queen's University; **Bob Aykler**, Ryerson; and **Debbie Walker**, University of Guelph.

● **Avcor Audio/Visual Corp.**, now 50% owned by Southam Business Publications Ltd., has taken over the AV Activities of Southam's Videotel division.

● Canadian **Robert F. Black** of Eddie Black's Ltd., Don Mills, is now vice-chairman of the Photo Marketing Association. Succeeding Black as national chairman for Canada is **Ian Greenberg** of Astral Bellevue Pathe Ltd., Montreal.

● The newest development in audio recording and reproduction is the Philips of the Netherlands *Compact Disc*—expected to be on the market in the early 1980s. Sound information is recorded *digitally*, with a 14-bit linear pulse coded modulation encoding system, on single-sided discs having one hour (stereo) playing time. It is

played back *optically*, by means of a diode laser mounted in a pick-up arm. As there is no physical contact, the disc can remain sealed, eliminating problems such as dust, scratches and rumble.

● **CHLO St. Thomas** recently celebrated its 30th anniversary with a week-long series of events in southwestern Ontario.

● *Some interesting facts on CB radio:* In 20 years, close to 13 million CB radios have been licensed in the U.S., with probably 30 million, costing over \$3 billions, actually in use; last year alone, the FCC received nearly 5 million applications; one out of every eight vehicles is now equipped with two-way radio, and this will become one out of every four by the early 1980s.

● RCA is looking for a buyer for its record-processing plant, which employs 290 at Smiths Falls, Ont. The company has decided that automation of the plant is impractical and plans to have other Canadian plants handle its record manufacturing, effective in 1979. *The question is "who?" We understand that the other manufacturers—pardon the pun—are already hard-pressed . . .*

● The 1978 **Canadian Education Showplace** has been cancelled. The 14-year-old trade show is "indefinitely postponed until market conditions improve".



A comprehensive studio and mobile facility was recently supplied and installed for **Shellbird Cable Ltd.**, by DGH Television Systems Ltd. The local origination facility is for both color and monochrome production, and includes post production capability. Shellbird, which serves the Corner Brook, Nfld., area, became operational early this year.

directions

A review of current policies and decisions of the Canadian Radio-Television and Telecommunications Commission.

HEARINGS

REVISED SCHEDULE

The CRTC has revised its schedule of public hearings as follows:

- Sept. 13—Ottawa (Skyline Hotel)
- Sept. 26—Halifax (Chateau Halifax)
- Oct. 2—Ottawa (Chateau Laurier) (CBC Network renewals)
- Oct. 17—Ottawa
- Oct. 24—Vancouver (Four Seasons)
- Nov. 7—Quebec (Le Concorde)
- Nov. 21—Ottawa (Conference Centre)
- Dec. 5—Winnipeg (Winnipeg Inn)
- Jan. 10, 1979—London (Holiday Inn)

OTTAWA—JUNE 12

FOUR BIDS FOR NEW AMs

Among applications scheduled to be heard in Ottawa, June 12, were four proposals for new AM stations:

- **DML Broadcasting Ltd.**, for Markham, Ont., and **Bradley R. Walker**, representing a company to be incorporated, for Newmarket, Ont. Both propose 10 kw on 1480 kHz to serve the area north of Toronto. The Walker application was previously heard in Ottawa last November. At that time, DML, one of two unsuccessful applicants for a similar facility in 1975, intervened to ask permission to re-apply.
- At Amqui, Quebec, **J-H Guenette**, for a French-language station, 5 kw on 1220 kHz.
- **Colonial Broadcasting**, for Spaniard's Bay/Harbour Grace, Nfld., 10 kw on 850 kHz.

Other AM applications:

- **VOWR St. John's**, Nfld., for power increase to 5 kw day/2.5 kw night
- **CFBR Sudbury**, Ont., to disaffiliate from CBC
- **CJJD Hamilton**, Ont., for 5-station network to carry Tiger Cats football
- **CFCF Montreal**, Que., for 5-station English network to carry Expos baseball.

Ownership Transfers:

- **Boundary Broadcasting Ltd.**, to purchase **CKGF Grand Forks**, B.C., from Okanagan Radio Ltd.
- **City & Country Radio Ltd.**, to transfer 50% ownership of **CJJC Langley**, B.C., from Jos. Chesney to E. Mykyte, who now holds 50%.
- **Goose Lake Broadcasting (CKKR Rose-town, Sask.)**, to transfer control from S. J.

Solberg and W. H. McVeigh to Ronald Hykaway and D. W. Williams.

- **Radio Lachute Inc. (CJLA)**, to transfer 100% control from Radio Inter-Cité Inc. to Yves Lorrain
- **Roger Duceppe**, to acquire **CKBS St. Hyacinthe**, Que.

Applications by J. Conrad Lavigne for new English AM stations at North Bay (10 kw on 730 kHz), Sudbury (10 kw on 620), and Timmins (10 kw on 630), with a change in frequency for CFCL Timmins from 620 to 850, were withdrawn, as was an application by CKAP Kapuskasing, Ont., for a rebroadcaster at Timmins on 1240 kHz.

FM Applications

- **Acadia Broadcasting Co.**, Bridgewater, N.S., for a new FM station at Liverpool, N.S., 50 kw on 94.1 MHz. It would rebroadcast programs of CKBW, with some local originations.
- **Wa-Wa-Ta Native Communications Society**, Sioux Lookout, for low power FM outlets in 20 communities in northwestern Ontario.
- **Mark T. Gordon**, for a low power FM community station at Fort Chimo, Que.
- **CING-FM Burlington**, Ont., and **CHOI-FM Quebec City**, to amend their Promise of Performance.
- **CKOT-FM Tillsonburg**, Ont., was called to report on steps taken to comply with conditions of its licence.

CBC EXTENDS FM, TV

Applications for new CBC facilities included:

FM	MHz	power
Gogama, Ont.	104.9	6.9 kw
Isles-de-la Madeleine, Que.	95.3	4.5 kw
Manouane, Que.	103.5	22 w
Obedjiwan, Que.	92.9	83 w
Fox Creek, Alta.	91.3	38 w

TV	channel	power
Gogama, Ont.	23	5.3 kw
Iles-de-la-Madeleine, Que.	7	2.9 kw
Manouane, Que.	5	10 w
Obedjiwan, Que.	10	10 w
Wawa, Ont.	16	7 kw
Dubreuilville, Ont.	7	10 w
Chapleau, Ont.	13	375 w
Iles-du-Havre-Aubert, Que.	16	55 w
Weymont, Que.	6	10 w
Mt. McDonald, B.C.	59	10 w
Sooke, B.C.	3	10 w

Other TV applications:

- **CKOS-TV Yorkton**, Sask., to move

from channel 3 to 5, and for a rebroadcaster at Warmley, Sask., 56 kw on ch. 3.

- **Rebroadcasters at Kitwancool and Kitwanga**, B.C., (Vernon Smith); **Kwinitsa**, B.C. (Crowder Communications); **Armstrong**, Ont. (D. & L. Estates); and two James Bay campsites (Club Social du Nord-Est.).

Cable Television

- **New cable systems:** Communivision Montmagny Inc., and Jacques Gauthier, for Montmagny, Que. A third application, by M. Parent, was withdrawn. Albert Beaupré, for Desmaraisville, Que.
- **Ownership transfers:** Petit Saguenay and Anse St-Jean, from Ultra Vision Telecable (J. H. Duchesne) to Teledistribution Bertrand Fortin Inc.; Ville Marie, Que.—from A. Piche and estate of R. Ethier to L. Descoteaux and Mme. S. Tasset; Revelstoke, B.C.—from SOTV Holdings Ltd. to D. L. Gillespie; Salmo, B.C.—from G. L. Wells to L. R. Street.
- **Ottawa area systems** are preparing to add **CHOT-TV**, the new French-language TVA network affiliate licensed to Radio Nord Inc. It will operate on channel 40, with distribution on channel 10 on most cable systems.
- **Microwave applications:** Chamcook Communications, for addition of two Maine FM stations, and CBS affiliate **WABI-TV Bangor** during the hours 12:30 a.m. to 7:00 p.m. on a shared basis with PBS station **WMED-TV Calais** (presently authorized), which would be distributed from 7:00 p.m. to 12:30 a.m. Chamcook feeds U.S. programming to cable systems throughout the Atlantic provinces. Credit Valley Cable TV, Barrie and Orillia, Ont., for microwave reception of **CITY-TV Toronto** and **WKBW-TV** and **WNED-TV Buffalo**, via Northern Microwave Ltd.

HEARINGS POSTPONED

- The public hearing on the renewal of the **CBC network** licences has been postponed from June 12 to October 2, at the Chateau Laurier, Ottawa.
- A hearing on VHF allocations for **Rouyn-Noranda** and the Northwestern Quebec area was delayed from April 11 to May 24. Both Radio Nord and Radio-Quebec have applied for stations in the area, and the hearing was to consider various options involving channels 7/8/13/14/20/61 at Rouyn-Noranda and channels 3/10/77/83 at Lithium Mines/Val d'Or.

COMMISSION MOVES

The CRTC is now located in the Terrasses de la Chaudiere office complex, 1 rue Principale, Hull, Quebec. Mail should be addressed: CRTC, Ottawa, Ontario K1A 0N2. (As all government departments have a permanent postal code, the CRTC's remains K1A 0N2.) The new telephone number for Information Services is 997-0313.

CRTC APPOINTMENTS

Communications minister Mme Jeanne Sauvé has announced the following appointments:

- **Paul H. Klingle**, an Alberta lawyer, as full-time commissioner (7 years);
- **Steve Patrick**, Winnipeg real estate/insurance agent, former football player and Manitoba Liberal MLA, as part-time commissioner (5 years);
- **Mrs. Rosalie Gower**, of Vernon, B.C., and **Harry Bower**, of Regina, as part-time commissioners (5-year renewals).

The term of part-time commissioner **Brian Land**, of Toronto, was also renewed for 5 years, however Land has since resigned to become director of the Ontario legislative library, research and information services, effective September 1.

"PIRATES" LEAD TO LAKEHEAD HEARING

David Brough decided to go into the broadcasting business. He put a number of lower power TV transmitters on the air in Northern Ontario, feeding video-taped programs to communities that previously had little or no TV service.

Unfortunately, Brough neglected to obtain licences from the CRTC before launching these enterprises. Earlier this year he began making up for this deficiency, with submissions for 24 locations—including Kenora, Fort Frances, Dryden, Sioux Lookout, Geraldton, Wawa and Moosonee, in Ontario, as well as locations in Manitoba and the Northwest Territories—where he either had started or planned operations.

Alas, the CRTC, getting wind of several other projects which Brough had neglected to mention, remained unimpressed. The proposals are deficient, it says, in many fundamental respects—for example:

- copyright on program material;
- reliability of equipment, details of its ownership and arrangements for its operation;
- financial stability;
- Canadian content quotas;
- future use of scrambled signals, making the service, in effect, Pay TV.

In declining to issue licences to Brough, the CRTC called for applications to provide services to remote areas of Northern Ontario, to be heard on October 17-18, 1978 at the Airline Hotel, 698 West Arthur Street, Thunder Bay, Ont. Deadline for applications or comments is August 1.



TURNELLE ASSOCIATES LIMITED

Ottawa - Toronto - Kingston

—Suppliers to the Broadcast & Cable Industry—

MICROTIME

- Time Base Correctors
- Noise Reduction Units
- Digitrol Automatic Programmers

SPECTRAVISION

- VTR Editing Controllers

SONY

- Broadcast & U-Matic Systems

COMTEC

- Video Production Switchers
- Routing Switchers

DUPONT

- Extended time Video Cassette Tapes

HEAD OFFICE

**1050 Baxter Rd.
Ottawa, Ontario
K2C 3P1
(613) 829-8790**

BRANCH OFFICES

6291 - 17 Dorman Rd.
Mississauga, Ontario
(416) 677-9040

721-1 Progress Ave.
Kingston, Ontario
(613) 389-8780

Circle #186 on Reader Service Card

BROADCAST EQUIPMENT TODAY 121

DECISIONS

AM/FM Radio

NEW AM FOR VERNON

Gilway Enterprises Ltd. are the successful bidders for a new radio station at Vernon, B.C. It will operate on 1050 kHz with 10 kw (day), 1 kw (night).

Denied were competing applications by Sun Country Radio (AM and FM), Dennis J. Gerein (AM) and Interior Broadcasters (FM).

While all of the proposals were judged sound, Gilway won points for local ownership and support, and its plans for local news and community access programming.

KAMLOOPS: FM YES; AM NO

Two new FM stations have been licensed at Kamloops, B.C.—NL Broadcasters (CHNL), 4.3 kw on 97.5 MHz; and a CBC French rebroadcaster, 4.75 kw on 96.5 KHz. The CBC is to employ a local news correspondent.

Two applicants for AM at Kamloops were given denials: Joe Chesney and The King's Men, both for 910 kHz.

ST. ALBERT APPROVED

A new AM station has been licensed at St. Albert, Alberta, 10 kw day and night on 1070 kHz.

St. Albert Broadcasting Ltd. proposed local information and cultural services not presently available and a "distinctive alternative" in programming.

TRENTON OK FOR CJBQ

Quinte Broadcasting (CJBQ), Belleville, Ont. has been licensed for a station in nearby Trenton, 1 kw on 1270 kHz. While the station is to be identified with Trenton, initially 40% of the programming will be rebroadcast from CJBQ.

AM denials include:

- **Grande Prairie, Alta.** (Pioneer Broadcasting)—while application had merit, new station would adversely effect existing stations in Grande Prairie and Peace River.
- **Walkerton/Hanover, Ont.** (Paul A. Webb)—application failed to demonstrate real knowledge of area, financial viability.

NEW FMs LICENSED

• Final approval has been given for **Radio Fanshawe Inc.** to operate a non-commercial FM station in London, Ont., on 106.9 MHz with 3 kw power. (The proposal had been approved in principle on October 6, 1976.)

To be operated in conjunction with Fanshawe's course in Broadcast Arts, the station will initially be on the air 117½ hours weekly from mid-September to mid-April,

eventually expanding to a year-round schedule. It will be under the control of an 11-man board representing the college and community.

• An FM stereo station licensed to the **CBC** at Saskatoon, will operate on 105.5 MHz with a power of 98 kw.

Other new CBC rebroadcasters: Marystown, Nfld., 100 kw on 90.3 MHz, Aiyansh, B.C., 278 watts on 102.3, Kitimat, B.C., 160 watts on 105.1 (Fr.) Terrace, B.C., 95.3 (Eng.) and 96.9 (Fr.), both 54 watts.

• **Twin Cities Radio** has been granted a power increase from 3.9 to 4.3 kw for CFFM Kamloops, B.C., and licences for two rebroadcasters at Chase (140 watts on 93.1) and Pritchard (19 watts on 106.3).

• A 15-watt rebroadcaster of **CJOB** Winnipeg has been approved at Limestone, Man. Licensed to G. H. Shapera, it will operate on 96.1 MHz.

COMMUNITY FM

Approval has been given to a new community station at Rouyn-Noranda, Quebec, 4.8 kw on 88.7 MHz.

Radio Communautaire de Rouyn-Noranda is described as "a democratically controlled instrument of education, information and entertainment". Revenue will come from listeners' donations, sample statements of sponsorship and classified advertising. The CRTC called on the licensee to increase proposed verbal content, with less music, to ensure interest and participation by the audience.

Meanwhile, the licence of a similar station has been revoked. **CHUT-FM** Chicoutimi, ceased operation on October 14, 1977; a rebroadcaster at Chambord, Quebec, never went on the air. Members voted to liquidate the corporation and surrender the licences, following sustained financial problems.

Another station, **CFRO-FM** Vancouver, has met with greater success. In renewing its licence to 1983, the CRTC commended CFRO for providing "a valuable alternative".

POWER INCREASES

Power increases have been approved for the following stations:

- CJDV Drumheller, Alta., to 10 kw (night).
- CJSL Estevan, Sask., to 10 kw (previous deferred pending agreement with CJME Regina, which has now been reached).
- CJOB Winnipeg, to 50 kw (day), 25 kw (night), with a change of antenna site.
- CKOC Hamilton, to 50 kw, with change of site from 9 to 18 miles south of Hamilton.
- CHYM Kitchener, to 10 kw (day).
- CFOR Orillia, to 5 kw (night).
- CFOS Owen Sound, to 5 kw (day).
- CHSC St. Catharines, to 10 kw, with change of site.
- CFAN Newcastle, N.B., to 5 kw (day).

• CJCW Sussex, N.B., to 1 kw (day), with proviso that CJCW relinquishes its right to interference protection in Nova Scotia should CKCL Truro (adjacent frequency of 600 kHz) increase power in future.

OWNERSHIP TRANSFERS

• **Deferred: Dinosaur Broadcasting (1957) Ltd.** (CJDV Drumheller, CKBR Brooks and CHOA Stettler, Alta.)—application for transfer to S. J. Solberg and E. A. Toshach withdrawn; new application for transfer to R. Hykaway and D. W. Williams to be heard at June 12 hearing in Ottawa.

• **Denied: Rideau Broadcasting Ltd.** (CJET AM-FM Smiths Falls, Ont.)—transfer from estate of J. W. Pollie to Royal Trust Co., sole executors of the estate, denied. The application would have placed CJET under the control of a board of directors for over 5 years, until the sole beneficiary of the estate, J. W. Pollie's nephew, John Hugh Colton, reaches 25 years of age. The CRTC rejected the proposal as not in the public interest, and renewed CJET's licence to March 31, 1979, so that alternate proposals may be submitted.

• **Approved: CJBR Radio/TV Ltée,** Rimouski, Quebec—Acquisition by CBC.

• **Approved: Radio des Plaines Ltée** (CKRV Drummondville)—transfer to P. Germain, M. Bourget and G. Leblanc.

• **Approved: Télémedia Communications**—financial reorganization affecting 5 AM and 3 FM stations in Quebec.

NETWORKS

The following networks are approved:

- **Jim Pattison Industries Ltd.**—8-station B.C. network for **Jack Webster program**, approved to March 31, 1981.
- **Radio NW Ltd**—38-station network for **B.C. Lions** football approved for 1978 season; 1979 deferred.
- **Armada Communications Ltd.**—4-station network for **Saskatchewan Roughriders** football approved for 1978; 1979 deferred.
- **Radio CFRA Ltd.**—5-station network for **Ottawa Rough Rider** football approved for 1978 and 1979; 1980 deferred.
- **CFRB Ltd.**—4-station network for **Toronto Argonauts** football approved for 1978 season.
- **Telmed Ltée**—18-station network for **Expos** baseball renewed for 1978 season, with suggestion that a complete news bulletin be given between double-headers.

Other Radio decisions:

- **Disaffiliation from CBC** approved for CKX Brandon, Man., and CFPL London, Ont. Network service is now provided by CBWV-FM and CBCL-FM, respectively.
- In renewing CJAV Port Alberni, B.C., the CRTC reviewed a complaint regarding an incomplete aircheck and called for a report on measures to ensure fair treatment of public issues by CJAV.

- In renewing CKLW Windsor, Ont., for a full 5-year term, the CRTC called for a progress report within one year on further improvements in the presentation of Canadian news and public affairs, in the development of Canadian musical talent and in the scheduling of Canadian recordings throughout the 6 a.m. to midnight period.

- In renewing several CBC licences in British Columbia, the CRTC noted that 80% of the province's French population would be receiving French radio service by mid-1979.

- In short-term renewals for CFMS-FM Victoria, B.C., and CHEC-FM Lethbridge, Alta., the CRTC called for improvements during the coming year.

Television

NEW STATIONS

The following CBC rebroadcasters have been approved:

English Language—

	channel	power
Saw Mill Mtn., B.C.	7	10w
*Bella Bella, B.C.	13	5w
*King Island, B.C.	9	1w
*Bella Coola, B.C.	13	10w
*Hagensborg, B.C.	11	10w

(*Existing community rebroadcasters will cease operation)

French language—

	channel	power
Kamloops, B.C.	50	1,540w
Terrace, B.C.	11	660w
Hinton, Alta.	3	30w
Ft. McMurray, Alta.	12	5,800w
Debden, Sask.	22	2,900w
St. Brieux, Sask.	7	1,400w
Zenon Park	21	3,000w
Brandon, Man.	21	5,500w
Thunder Bay, Ont.	12	22,700w
Blanc-Sablon, Que.	3	150w
Harrington Harbour, Que.	8	129w
La Tabatière, Que.	4	78w
Old Fort Bay, Que.	7	10w
Rivière-St-Paul, Que.	21	89w
St.-Augustin-Saguenay, Que.	2	10w
Tête-à-la-Baleine, Que.	6	10w
Timiscaming, Que.	28	15,000w

The following privately-owned TV rebroadcasters have also been approved:

Burns Lake, B.C.	13	10w
Ft. St. James, B.C.	3	10w
Houston, B.C.	8	10w
Smithers, B.C.	13	10w
Shalalth, B.C.	5/11	5/5
Gold Bridge, B.C.	3/6	5/5
Wainwright, Alta.	6	10w
Provost, Alta.	5	10w
Meadow Lake, Alta.	3	10w
Alcot Trail	58	10w
Ferryland, Nfld.	12	8.9
Aquaforte, Nfld.	10	8.9

PERFORMANCE OF WESTERN STATIONS TO BE REVIEWED

In renewing the licences of a number of western Canadian television stations, the CRTC has ordered improvements in their programming and service:

- **CITV-TV Edmonton** renewed for only 18 months, received the sharpest warning. The CRTC said that "CITV has failed to provide the essentially local service for which it was licensed and has failed to meet many of its major commitments." The Commission directed CITV to meet its original commitments to local production or risk non-renewal of licence.

- **CFCN-TV Calgary** and **CFRN-TV Edmonton**, renewed for full 5-year terms, are to submit new Promises of Performance by March, 1979.

- A major technical problem will be solved for **CJDC-TV Dawson Creek, B.C.**, when the CBC provides a microwave feed via Prince George, along with other technical assistance. The station was urged to improve standards, especially in the on-air presentation of news.

- The Commission suggested that **CJOC-TV Lethbridge, Alta.**, re-instate its late evening local news.

- **CBWFT Winnipeg**, now producing 4½ hours weekly of local programming, plans to add 3 more hours over the next 3 years. Additional rebroadcasters in Manitoba will extend CBC French service to over 90% of the province's French population by 1980.

- **CKY-TV Winnipeg** was commended for its local service to both Winnipeg and the communities served by its rebroadcasters, and for its co-production efforts with Winnipeg Videon (Cable TV).

- **CKND-TV Winnipeg**, renewed for a 3-year term, is to submit a new Promise of Performance by March, 1979. The CRTC expects CKND-TV to produce 24 hours a week of local programming (its original plan of 33½ hours was termed "unrealistic") and to follow through on extension of service to the Interlake and Dauphin areas.

POWER CHANGES

Power increases approved:

CFTK-TV-1 Prince Rupert, B.C., to 1.25 kw
 CFTK-TV Terrace, B.C., to 7.6 kw
 Rebroadcasters (2) at Bassano, Alta., to 8.9 watts
 CBST-6 Fort McMurray, Alta., to 5.8 kw
 CBFT-2 Mont-Laurier, Que., to 13.7 kw
 CFER-TV Rimouski, Que., to 157 kw
 CKRS-TV-1 Ville de la Baie, Que., to 128w
 CBIT-11 Sherbrooke, N.S., to 8.9 watts

Other TV decisions:

- Application by Cambrian Broadcasting (CKSO-TV) for separate programming at Timmins, Kearns and Kapuskasing, Ont., denied.

- Channel 79 Ltd., transfer of 153,000 shares to Multiple Access Ltd. approved. This decision is independent of the proposal to transfer effective control of CITY-TV Toronto to CHUM Limited.

- Transfer of CKTM-TV Trois-Rivieres, Que., from COGECO Inc. to its wholly-owned subsidiary, Television St-Maurice (1976) Inc., approved.

- Licence for CHEK-TV-5 Campbell River, B.C., owned by British Columbia Television, revoked. Operation ceased last fall, for technical reasons.

Cable Television

CDN. RE-RUNS APPROVED

Rogers Cable TV, Toronto, has received CRTC approval for its plan to rerun Canadian TV shows on local origination channels.

However, it is conditional on satisfactory arrangements being made with the Toronto stations and other holders of program rights—something Rogers has not yet been able to achieve. The plan would have set aside a cable channel for each local station's reruns. A proposal for part-time carriage of FM signals on the same channels was withdrawn when consent of the FM stations was not received.

DUPLICATION DENIED

In recent decisions, the CRTC has stated that three commercial U.S. signals will as a rule, be the maximum allowed in the future. Similarly, requests for carriage of signals which duplicate a network service already carried are being denied.

NEW SYSTEMS

The following new cable systems have been licensed:

- Grand Forks, B.C.—Greenwood Video Ltd.
- Delhi, Otterville and Norwich, Ont.—Glenn Irwin Baxter, representing a company to be incorporated.
- Saint-Damien-de-Buckland, Que.—Jacques Dumont (Telecable St-Damien Enrg.)

TRANSFERS APPROVED

Purchases involving the following systems have been approved:

- Haileybury—North Cobalt, Ont.—by Clear Crest Cable TV Ltd.
- Bramptonville, Richmond-Melbourne and Windsor-Greenlay, Que.—by Cables-trie Inc.
- St-Gregoire de Nicolet, Que.—by J. M. Gauthier
- Waterloo, Que.—by Place Jacques-Cartier (Sherbrooke) Inc.
- St. Stephen, N.B.—by Terra Cable Ltd.

In renewing Mainline Cablevision, Kamloops, B.C., the licensee was reminded that Agra Industries Ltd. is to divest itself of holdings in excess of 50% of voting shares by 1982.

Other Cable TV decisions:

- Cable systems in British Columbia have been requested to reserve a channel for the Provincial Authority for Educational Communications.
- The CRTC has advised CCTV Cou-tenay-Comox, B.C., that authorization to carry KISM-FM does not include the SCMO portion of the signal, which CCTV had been separating for distribution.
- Applications have been called for cable service in the Joliette, Que., area.