

BROADCAST + TECHNOLOGY

APRIL 1988 — VOLUME 13, NUMBER 7



Q100 VICTORIA IS B.C.'s NEWEST FM STATION

NEW!

BBM RADIO RATINGS

SHARE DATA FOR NINE MAJOR MARKETS

Municipal Planning vs. Broadcast Towers

Progress in Ontario
by Michael Caine

DOC Townsend Study
by Sandy Day

Well, here we are again. And it looks as if this is going to become a habit. After too many years of doing it all, the esteemed publisher (aka Doug Loney) has decided to cut down a little on his writing workload. And, surprise, surprise, his first step was to turn over responsibility for this page to another beard. But Doug's voice won't be absent for long, if we have anything to say. He'll pop up somewhere in future issues of *BT*, perhaps even sharing this space...

IN THIS ISSUE

- We are introducing a new feature in this issue, *BBM Radio Ratings*—page 10. With the co-operation of the good folks at BBM Bureau of Measurement, *BT* will feature the results of the four yearly rating periods in Toronto, Montreal, Vancouver, Edmonton, Calgary, Winnipeg, Ottawa, Hamilton and Quebec City. The material will highlight the share trends for all persons 7-plus in each market. We hope you find the information as interesting as we do and thank Mike Hanson and the BBM staff for their help and co-operation.
- Our two articles on the increasingly thorny problem of broadcast towers and municipal planners prove again that nothing can beat a good dose of luck and a little planning. Michael Caine, past-president of CCBA and manager of Ontario radio stations CHWO Oakville and CJMR Mississauga, has had considerable first-hand experience with the problem. The resulting article detailing some of the problems and attitudes he faced in dealing with municipal planners both as an operator of radio stations and as CCBA president begins on page 19. The fact Sandy Day's *Technitopics*—page 23— covers a report on a study commissioned by the federal Department of Communications on the same subject is just happy circumstance. But the two combine for some interesting, and alarming, reading.
- *Q100-FM Victoria*—page 45—is a recounting by Bob Calder of some of the problems this station faced in getting on the air after being awarded a licence by the CRTC. In addition to the usual hurdles any new station faces of building and equipping studios and offices, the station had to find a new transmitter site when its initial selection proved unsuitable. And that's when the fun started.
- And *Harvey Clarke*—page 59—is back again in this issue, this time lamenting the passing of switches that helped keep some things off the air, but didn't always work for some.

A FOND GOODBYE

Another piece of our broadcastings heritage has gone. **Jack Fenety** retired from CFNB Fredericton, N.B., earlier this year and with him went the program *Fact and Fancy*, a radio anachronism that began Sept. 22, 1947. Fenety was 68 when he retired, his program 41. *Fact and Fancy* was Fenety's own program. He designed and directed at the woman of the house. It was built on homey stuff such as birthday notices, recipes and household hints, shmaltzy poems and a morning prayer. But it worked and the show was popular throughout its four decades. And so was Jack Fenety, who began at CFNB as a young man and worked his way through the ranks to become vice-president and general manager of the station. He will be missed. On a more upbeat note, welcome back Ken Baker. The former Selkirk Communications vice-president's retirement didn't last long, he has joined Matrix Entertainment Corporation in Toronto. Have a feeling we'll be hearing more of Ken and Matrix in coming months.

WHO WAS FIRST?

It had to happen...an argument appears to be developing over just who had the first Satellite News Gathering (SNG) truck operational in Canada. In our last issue, you'll recall, Bob Findlay wrote in the CCBE report about the new SNG truck in operation at CFCF Inc., Montreal, and said that CFCF believed it was the first Canadian SNG vehicle. But in our February issue we had run an item about an SNG truck belonging to Patterson-Partington Television Productions of Toronto that was being used on the Olympic Torch Relay. As Patterson-Partington has reminded us, the vehicle made its debut November 17 when used by Canada AM to broadcast live the lighting of the Olympic Torch in St. John's, Nfld. We hope both CFCF Inc. and Patterson-Partington enjoy their SNG vehicles. As to who was first, we're staying out of that discussion and will consider it a tie. That's about it for now. Hope those of you who attended or who will attend (depending on when you are reading this) the annual NAB Convention paced yourselves and smiled pretty for Jacquie's camera. We'll be looking for you in the coming months.



CFCF SELLS RADIO STATIONS

CFCF Inc. has agreed to sell its money-losing English-language Montreal radio stations for a reported \$10-million. The sale, to a new private company headed by two senior executives with Telemedia's Quebec operations, is subject to approval of the Canadian Radio-Television and Telecommunications Commission.

The future owners of CFCF, CFQR-FM and CFCX short wave are Pierre Beland,

Telemedia's Quebec president and chief operating officer, and Pierre Arcand, senior vice-president and general manager of Telemedia's flagship station, CKAC Montreal. They will leave Telemedia to run the English-language stations and are expected to eventually move them from their present location in the CFCF building to a new Montreal site.

CFCF Inc. is reported to have sold the radio stations in order to concentrate its efforts on television and cable TV, par-

ticularly the development of Quatre Saisons, the French-language TV network it launched in 1986. The company also owns Montreal CTV affiliate CFCF-TV and CF Cable TV Inc., Quebec's second largest cable company.

NEWCAP TO BUY 'Q' RADIO NET

Newfoundland Capital Corp., has agreed to purchase Newfoundland's Q network of radio stations from CHUM Ltd. of Toronto. The Q radio system includes CJYQ and CKIX-FM in St. John's, as well as AM stations in five other Newfoundland communities. No purchase price was announced and the sale must be approved by the CRTC.

Newfoundland Capital controls radio stations CHTN Charlottetown, P.E.I., and CFDR/CFRQ-FM Dartmouth, N.S., and is awaiting CRTC approval of its acquisition of CJLB Thunder Bay, Ont. Newfoundland Capital, a holding company founded and controlled (47%) by its president, Harry Steele, also has interests in transportation companies, motels, and newspapers.

SELKIRK BIDS FOR MOUNTAIN FM

Toronto-based Selkirk Communications Ltd. has purchased the Mountain FM system of seven small B.C. FM stations for a reported \$1.3-million. Mountain FM, based in Squamish, is currently owned by the family of Louis and Carol Potvin. The deal is subject to CRTC approval.

Mountain FM was started by the Potvins in the late 1970s. Among the communities it serves is the ski resort area of Whistler.

OSBORNE IS NEW CTV CHAIRMAN

Ronald Osborne, president of Maclean-Hunter Ltd. of Toronto, has been elected chairman of the CTV network executive committee. (Maclean-Hunter owns CTV affiliate CFCN-TV Calgary.) Osborne replaces Ray Peters, chairman of British Columbia Television, who is reported to have asked to step down after 10 years in the post. He remains a member of the committee.

Peters said that the shuffle will allow him to participate more actively in discussions at meetings of the executive committee. Members of the co-operatively owned network have been involved in negotiations to change the shareholders agreement, which now gives each of the 11 members one vote regardless of equity.

COMMUNITY FM FOR PENETANG

The CRTC has approved a licence for a second French-language community radio station in Ontario. The station in

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Penetanguishene, with rebroadcasters in Lafontaine, Perkinsfield and Midland, will be operated by Radio-Huronie FM Communautaire Inc. In its decision the commission suggested the station may want to reduce the amount of programming it planned to produce and concentrate on meeting its commitments. The station had proposed 126 hours a week, including 29 hours of spoken word programming.

Other CRTC decisions:

- Radiomutuel Inc. has again been turned down in its bid to delete traditional and special interest music from programming on **CKMF-FM Montreal**. Similar requests were denied on two separate occasions in the past; the commission said it viewed with grave concern the company's repeated failure to comply with this aspect of its Promise of Performance and will require CKMF-FM to continue to submit weekly performance reports.
- The application by Daniel Pickett to purchase **CKAR Oshawa** from Grant Broadcasting Ltd. for \$1.6-million has been approved. Grant will retain ownership of **CKQT-FM Oshawa**.
- The application by **Talking Signs Inc.** for a very-low-power radio announcement system in Winnipeg and 26 other Manitoba communities was approved. The system uses multiple FM transmitters to broadcast pre-recorded messages to be received within about 30 metres (100 feet). The Manitoba operation is the first of its kind licensed by the CRTC. The experimental FM licenses are valid until August 31, 1989, when they will be reviewed.
- Applications have been approved for a native and English-language FM station at Eskimo Point, NWT, and for an English-language TV station at Fort Laird, NWT, a broadcaster of CITV-TV Edmonton.

APPLICATIONS FOR FM STATIONS

Among applications to be considered by an April 12 CRTC hearing:

- François Labbé, on behalf of a company to be incorporated, for a French-language FM station at **Thetford Mines**, 100,000 watts on 94.7 MHz, with an auxiliary studio at Victoriaville, and a rebroadcaster at Lac Mégantic, 409 watts on 101.7 MHz.
- Trent Valley Broadcasting, for an FM radio station in **Campbellford**, Ontario, 50 watts on 98.7 MHz.
- Radio Fusion Inc. of Montreal, for the purchase of CJLA-FM Lachute from Radio Lachute (Mirabel) Inc., and CHPR-1-FM from Radio Cornwall-Hawkesbury Inc. Radio Fusion proposed to drop English-language programming from both stations and to reduce their news content.
- Alain Desjardins, for the purchase of CKLR L'Annonciation and CKML Mont-Laurier, both of which are in bankruptcy.

BROADCAST TECHNOLOGY

CBC NAMED HOST BROADCASTER FOR ECONOMIC SUMMIT

The CBC has been selected Host Broadcaster for the Economic Summit to be held in Toronto June 19-21. The annual summit brings together the heads of Canada, France, West Germany, Italy, Japan, the United Kingdom and the United States.

As Host Broadcaster, the CBC will supply live pictures and sound of the summit's public events to both domestic and foreign broadcasters. It will also provide equipment and personnel to co-ordinate international broadcast coverage of summit meetings. CBC plans to allocate two TV studios, 10 radio studios, a radio/TV master control and other production services to the project.

C-FAX ADOPTS NRSC STANDARD

C-FAX Victoria has joined the growing list of AM stations in Canada and the United States that have voluntarily installed equipment to meet a new standard for AM transmitters.

The U.S. National Radio Standards Committee recommended the standard for pre-emphasis and filtering as a way of reducing interference on the crowded AM band and improving signal quality. Major receiver manufacturers have agreed to produce radios that comply with the new standard, and government agencies on

RADIO REAL ESTATE SHOW

Early morning weekend real estate shows are popular—and profitable—for Philadelphia radio stations.

WPEN does a three hour morning show Sundays that averages 33,000 listeners and usually sells out its 54 spots. And WWDB-FM has a 9am to 1pm Saturday program that averages 40,000 listeners and also sells out. *Hints on running a successful real estate show:* Offer opinionated advice; keep an advertiser waiting list; screen phone calls to ensure variety; do a regular feature on interest rates; screen out unscrupulous advertisers; keep the show to no more than three hours; hire hosts with speaking and/or teaching backgrounds. —RadioPlus

both sides of the border have endorsed it.

Mel Cooper, president and general manager of C-FAX is writing to all AM stations within 20 KHz on either side of the C-FAX dial position (1070) to urge them to also make the modification, which usually costs less than \$1,000. Calling on AM broadcasters to "take responsibility for their own future," he says most of the benefit is to stations on adjacent channels which will experience less interference. "I hope our neighbors on the AM band return the favor. That way, we'll all benefit, and AM listeners will have clearer reception." **BT**

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NEW!

BBM RADIO SHARE TRENDS

NINE MAJOR MARKETS — ALL PERSONS, 7 +

The following information is provided by the BBM Bureau of Measurement. Latest survey results are in first column; for comparison, data from four previous surveys are included.

MONTREAL

	Winter 1988	Fall 1987	Summer 1987	Spring 1987	Winter 1987
1. CKAC	10.7	11.1	10.5	11.4	10.0
2. CFGL-FM	10.4	9.6	9.5	9.9	10.2
3. CJMS	8.0	7.0	6.7	7.9	7.1
4. CHOM-FM	7.2	9.0	8.9	8.7	7.7
4. CJAD	7.2	7.7	6.8	6.6	6.8
6. CITE-FM	6.9	6.4	6.1	6.0	7.9
6. CFQR-FM	6.9	5.3	5.1	5.8	6.7
8. CKMF-FM	6.6	7.0	9.0	6.9	6.0
9. CKOI-FM	4.7	5.1	6.3	6.5	5.6
10. CJFM-FM	4.5	5.2	4.6	5.2	5.1
10. CKVL	4.5	4.9	4.3	4.6	4.4
12. CBF	3.6	3.4	3.4	3.8	4.5
13. CFCF	2.5	2.8	3.9	2.7	2.0
13. CBM	2.5	2.1	1.3	1.4	2.5
15. CIEL-FM	2.2	2.1	2.0	2.1	1.9
16. CKGM	2.1	2.6	2.2	2.4	2.4
17. CBM-FM	1.4	1.2	1.2	1.5	1.7
18. CBF-FM	1.3	1.8	1.6	1.4	2.0
19. CKO	0.1	0.1	0.2	0.3	0.4
OTHERS:	6.7	5.6	6.4	4.9	5.2

TORONTO

	Winter 1988	Fall 1987	Summer 1987	Spring 1987	Winter 1986
1. CFRB	13.0	12.8	12.9	12.1	12.2
2. CHFI-FM	9.2	5.9	5.8	6.5	6.0
3. CHUM-FM	9.1	8.1	9.1	8.1	8.9
4. CFTR	8.9	7.9	8.1	7.9	7.2
5. Q107	6.3	6.6	6.6	6.0	6.7
6. CJCL	6.0	9.1	10.7	7.7	9.7
7. CHUM	5.5	4.7	4.5	5.8	5.5
8. CKFM-FM	5.2	5.7	6.7	7.5	7.7
9. CBL	5.1	6.6	5.4	5.9	6.4
10. CFNY-FM	4.8	4.4	3.6	4.6	4.5
11. CJEZ-FM	3.6	3.4	3.0	—	—
12. CFGM	3.0	2.9	2.8	2.9	2.5
13. CBL-FM	2.8	2.9	2.5	3.4	2.8
14. CKEY	2.2	2.9	2.3	4.3	3.8
15. CKO	1.6	1.7	1.9	1.7	1.7
16. CJRT-FM	1.1	1.2	1.1	1.4	1.3
17. CJBC	0.1	0.1	0.3	0.2	0.1
OTHERS:	14.3	13.1	12.7	14.0	13.0

QUEBEC

	Winter 1988	Fall 1987	Summer 1987	Spring 1987	Winter 1987
1. CHRC	30.2	30.8	28.3	31.1	29.6
2. CJMF-FM	20.1	20.8	23.4	21.9	21.2
3. CITF-FM	11.5	10.9	14.8	11.5	14.2
4. CJRP	10.6	7.6	7.5	11.7	9.5
5. CKCV	8.2	7.8	5.4	3.6	3.5
6. CBV	5.8	7.0	5.5	5.9	6.2
7. CHIK-FM	4.0	4.4	5.3	3.8	4.9
8. CHOI-FM	3.2	3.9	3.5	2.9	3.1
9. CFLS	1.8	0.9	0.9	1.7	1.4
10. CBV-FM	1.2	2.7	1.8	2.5	3.0
11. CBVE-FM	0.1	0.1	—	1.0	0.4
OTHERS:	3.3	3.1	3.6	2.4	3.0

OTTAWA

	Winter 1988	Fall 1987	Summer 1987	Spring 1987	Winter 1987
1. CFMO-FM	13.3	12.0	10.2	14.0	12.8
2. CHEZ-FM	11.3	10.3	11.0	12.7	11.6
3. CFRA	11.2	10.5	11.5	12.0	11.4
4. CBO	9.6	8.6	10.3	9.2	8.9
5. CFGO	9.1	8.6	9.5	6.8	7.0
6. CKBY-FM	8.6	11.1	6.8	6.8	8.8
7. CIWW	7.6	6.8	6.0	6.1	5.1
8. CJRC	6.8	6.9	6.1	6.7	5.5
9. CIMF-FM	6.5	8.2	6.8	6.4	8.2
10. CBO-FM	3.3	2.6	3.6	2.8	4.1
11. CKCH	2.3	3.1	5.0	2.8	3.6
12. CKO-FM	1.5	1.5	1.2	1.0	1.6
13. CBOF	1.8	1.6	0.8	1.4	1.6
14. CJSB	0.8	0.8	2.6	3.4	3.5
14. CBOF-FM	0.8	0.8	0.6	0.9	1.1
OTHERS:	5.5	6.6	8.0	7.0	5.2

HAMILTON

	Winter 1988	Fall 1987	Summer 1987	Spring 1987	Winter 1987
1. CKDS-FM	11.5	12.4	11.1	12.6	13.2
2. CHML	10.5	14.1	10.9	10.6	9.7
3. CHAM	10.3	8.2	9.7	11.2	11.9
4. CHUM-FM	8.1	4.3	6.3	6.5	7.1
5. CKOC	8.0	9.4	9.7	10.2	10.1
6. CKLH-FM	7.4	8.6	6.2	4.8	4.9
7. CILQ-FM	5.6	7.3	8.6	6.8	9.5
8. CING-FM	2.6	3.3	3.4	5.3	3.3
OTHERS:	36.0	32.4	34.1	32.0	30.3

WINNIPEG

	Winter 1988	Fall 1987	Summer 1987	Spring 1987	Winter 1987
1. CJOB	23.7	22.4	22.0	24.2	19.6
2. CKY	11.8	9.5	8.5	11.5	12.7
3. CHIQ-FM	11.3	9.4	9.3	7.8	9.3
4. CKRC	10.8	11.8	13.6	13.0	11.9
5. CKIS-FM	9.5	10.1	11.0	7.7	7.5
6. CBW	6.8	10.0	5.8	8.1	8.9
7. CIFX	6.6	6.6	9.1	6.1	6.9
8. CITI-FM	4.9	7.1	7.2	7.5	8.8
9. CBW-FM	4.6	4.1	3.1	3.5	2.9
10. CKWG-FM	4.0	4.7	5.8	6.5	5.9
11. CKSB	0.1	0.3	0.2	0.5	0.2
OTHERS:	5.9	4.0	4.4	3.6	5.4

CALGARY

	Winter 1988	Fall 1987	Summer 1987	Spring 1987	Winter 1987
1. CFAC	14.5	15.2	16.0	14.8	12.7
2. CHQR	11.1	8.9	6.7	6.3	10.1
3. CKRY-FM	10.4	10.1	9.0	7.2	4.9
4. CFCN	9.6	8.0	8.8	10.7	10.7
5. CBR	9.4	9.1	9.6	9.5	11.3
6. CFFR	7.9	10.7	10.8	13.8	9.6
7. CHFM-FM	7.4	8.1	6.8	8.4	8.9
8. CKIK-FM	6.9	6.7	6.6	6.0	7.0
9. CJAY-FM	5.9	6.0	6.4	7.9	5.3
10. CISS	5.2	5.1	5.8	5.3	6.5
11. CBR-FM	3.2	2.8	3.5	2.6	2.9
12. CKO-FM	1.7	1.7	1.8	1.3	1.1
OTHERS:	6.8	7.6	8.2	6.2	9.0

EDMONTON

	Winter 1988	Fall 1987	Summer 1987	Spring 1987	Winter 1987
1. CJCA	15.0	11.2	13.6	15.6	11.6
2. CHED	12.1	11.3	10.2	11.7	13.3
3. CFCW	10.9	9.9	7.4	5.8	5.9
4. CHQT	10.3	11.5	11.6	11.2	13.6
5. CKRA-FM	9.4	8.6	13.5	9.5	9.5
6. CIRK-FM	9.2	10.7	9.0	8.3	6.6
7. CISN-FM	7.0	8.6	8.8	7.7	8.3
8. CFRN	6.9	6.0	4.3	6.5	6.6
9. CBX	5.2	4.4	6.0	5.1	5.7
10. CKNG-FM	3.0	4.3	5.0	6.6	6.3
11. CKXM-FM	1.0	3.8	1.7	2.0	2.6
12. CBX-FM	2.9	2.3	1.6	2.5	2.2
13. CKST	1.3	1.3	1.0	1.6	2.2
14. CKO-FM	0.5	1.5	0.9	1.1	1.3
14. CHFA	0.5	0.1	—	0.2	0.3
OTHERS:	4.0	4.5	5.4	4.6	4.0

VANCOUVER

	Winter 1988	Fall 1987	Summer 1987	Spring 1987	Winter 1987
1. CKNW	16.8	12.9	14.8	12.7	13.8
2. CKLG	6.7	9.3	9.9	11.5	8.9
3. CFMI-FM	7.3	7.4	4.9	4.5	4.2
4. CFOX-FM	6.3	7.2	7.8	8.0	8.6
5. CHQM-FM	7.0	7.0	4.8	7.2	6.8
6. CJOR	5.5	6.4	4.6	6.1	7.9
6. CFUN	5.1	6.4	4.9	5.9	5.4
8. CKWX	5.9	6.3	7.3	5.8	8.2
9. CBU	9.0	5.7	6.6	6.6	7.6
10. CBU-FM	4.5	4.7	3.8	3.1	2.7
11. CISL	4.2	4.5	5.5	5.3	4.1
12. CHQM	3.9	4.0	6.1	4.6	5.3
13. CKKS-FM	3.9	3.5	4.4	4.3	3.9
14. CJJR-FM	3.2	3.2	1.5	1.8	3.0
15. CKXY	1.6	1.5	0.5	0.4	0.2
16. CKO-FM	1.0	1.4	1.3	1.5	0.4
OTHERS:	8.1	8.6	11.3	10.7	9.0

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That's Life...

Regulars to these pages will know I've extolled the benefits of computerization many times. Today, though, this ratzenfratzen alleged word processor/computer cum dipstick which I use has me bummed right out. I've been doing this monthly blurb on a piecemeal basis. Every time I heard about something interesting—something which you might enjoy—I'd open my file (code named Mumbo-Jumbo) and make the addition. The system worked well through the 12 columns done so far.

Today, however—just hours before deadline—pages and pages of unforgettable trivia EVAPORATED!! I had some great stuff, too. Who described who as being what; who's on his way out and who's taking his place; a stunning new method to completely sell out total inventories at even the worst of stations; the latest on PULP (People United to Limit Punctuation); a certain GM and his ear muff fetish, and all manner of down-and-dirty invective... Gone Forever.

Anyway, since *BT* editor **Barry Hamelin** insisted on something, I've got some stuff that was just sitting in my head gathering dust anyway.

The first item of business is *Atlantic Region Hospitality*...

For a boy from the big city who has just experienced down east courtesy many times, there's just no getting over an appreciation for it. Recently, I'd made travel arrangements that would allow seeing as many stations as possible during a five-day swing through New Brunswick and Nova Scotia. On the first day, my thorough planning collapsed because of late connections and a rental car that pooped-out in a blizzard near Campbellton, N.B. Two guys I've affectionally dubbed Bob & Doug MacKenzie helped me push the car off the road, threw my baggage into the back of their Ford pick-up, drove me to CKNB and refused any suggestion of tangible gratitude. CKNB GM **Dick Alberts** helped me book alternate travel to Moncton on Via Rail, got the rental car people off my back, fed me some onion soup, let me use the phone to cancel appointments at Bathurst and Newcastle, took me to the train station and made sure I got aboard okay. As the train rumbled into Newcastle sometime after eight o'clock that night, there on the platform was CFAN GM **Ian Byers**. In his hand were two bags; one with a giant coffee, the other containing baked goodies. He greeted me warmly... said not to worry about the missed appointment... invited me back in the summer... handed me the goodies... and wished me a good trip. Enjoying Ian's coffee and donuts on the train I couldn't help thinking that whatever the rest of the week wrought, it couldn't top these extraordinary kindnesses provided by Maritimers, both strangers and friends.

People and Stations...

CBC radio reporter **Barry Bell** has been elected president of the British Columbia legislative press gallery. **Rick Wiertz** of CKVU-TV Vancouver is secretary-treasurer... CFNO-FM Marathon jock and sales type **Doug Crosse** writes to say that the FM'er, halfway between Sault Ste. Marie and Thunder Bay, is going great guns thanks to the Ottawa mafia—**Chris Mitchell** at mid-morning, **Dan Youngs** in afternoon drive and, of course, Crosse in the evenings. **Coral Pitre** is ND and, "Oh, yeah, the morning guy is **Paul Roberts**"... News Director **Phil Dunn** at CKNR Elliot Lake couldn't get to his downlink, mounted 30 feet up a tower, to clear away ice and snow. Elliot Lake's fire department, always ready to assist, sent an aerial truck...

Taking early retirement from CFPL-TV London's news department is long-time friend **Frank Kovacs**. Frank has been with CFPL-TV for 27 years. He'll likely continue his part-time teaching duties at the University of Western Ontario. Also retiring from CFPL-TV is director of marketing **Tom Bird**. He's been with the organization even longer; 38 years... All of CFAC Calgary ND **Gene Lehto**'s friends are happy to hear he's feeling much better. Gene suffered a brain aneurysm during late January (Gene, don't convalesce too long. We need you to finish convention plans for this year's national RTNDA)... **Peter Liba** has been kicked upstairs. He's now president of CKND Television, based in Winnipeg, and SaskWest Television Inc., operating STV at Regina and Saskatoon... Former CTV newsmen **Wally Macht** has been named managing editor at CHEX-TV, CHEX-AM and CFMP-FM Peterborough. **Robert Rudd** remains vice president, Information... **Peter McGarvey**, long-time CKEY feature newscaster



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who took early retirement at year end, is now reading editorials for CHAY-FM Barrie. Pete has a home on the other side of Lake Simcoe and makes the trip over to Barrie a couple of times a week to perform his "retirement" chores...

Kentville's Annapolis Valley Radio president **Neal MacMullen** has been doing a lot of public speaking of late, dwelling on his favorite themes: "Cleaning Your Mind Out" and "Enthusiasm." He's sure the guy to be doing it, too... **Jim Millican**, formerly of CBC Toronto, is moving west to take over the GM's job at CFQX-FM Selkirk. Break a leg, Jim.

Dr. Noel Murphy of Humber Valley Broadcasting, headquartered at Corner Brook, has added to his list of accomplishments the Order of Canada. In the recent past, Dr. Murphy earned Broadcaster of the Year kudos from both the CAB and the AAB...

Watch out for more broadcasting involvement by former CFDR/CFRQ-FM Dartmouth owner **Arnie Patterson**. At 59, he says he's too young to retire... Six-foot-eight, +250 pound CFTR Toronto morningman **Tom Rivers**, knocked over and breathless during a recent ski mishap, says the best line of the weekend went to the ski patroller who strapped him into a litter. Said Tom's rescuer: "This is just like moose hunting!"... Speaking of Rivers, there's a rumor that he and **Eric Thomas** are about to offer 13-week blocks of their popular comedy series, *The Unfriendly Giant*... CJCS Stratford is celebrating, all year long, their 60th anniversary. Folks there want to hear from former employees with taped greetings and, if you've got them, old air checks of the way you sounded then... The non-smoking policy, in place since Jan. 1 at Broadcast News and Canadian Press, has had at least one positive effect. Now, long-time employees who, for one reason or another, did not inter-relate are having

tremendous gossip sessions over cigarettes and coffee at a little restaurant around the corner.

CFNB Fredericton's **Jack Fenety** retired Saturday, Jan. 30, after 12,818 episodes of his morning show, *Fact and Fancy*. It was a program built on homey stuff like recipes and household hints, notices of meetings and birthdays, designed by Fenety in 1947. It was directed at the woman of the household then and remained so until the end, almost as if the woman's movement had never happened. The show held a premier position in the ratings throughout its four decades. The 68 year-old veteran broadcaster was called Fahrenheit Fenety because he stubbornly translated all temperatures to the old form. And he reckoned distances in miles. One fellow broadcaster said the town of Oromocto will seem farther away now that Fenety is gone—it'll be 20 kilometres instead of just 11 miles. And it'll be colder as well—minus 18 instead of only zero. Fenety began as a young man with CFNB and worked through the ranks to become vice-president of the station.

Marketing...

In *A Passion For Excellence*, author **Tom Peters** tells about a chap named **Frank Perdue** of Salisbury, Maryland. Perdue has a \$840-million chicken business and garners a margin on a pound of chicken 1,000% above the industry average. Peters says practical economics would tell you that if you're making 1,000% more than the next guy, your share of market is likely to zero, or less. Yet, in Norfolk, Richmond, Philadelphia, Washington, Baltimore, Boston and New York City, his lowest share of the market was about 59.75%. His magic? He says quite simply, "It doesn't matter what the product or service is that you're offering. There is an unlimited ability to improve the quality of anything. And if you believe that, and if you behave with total

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integrity in all your business dealings, then all the rest of that stuff—share, growth, profitability—takes care of itself.”

News Handling...

No comment necessary on the following:

STOP FLAGELLATING DEAD EQUINES, BRITONS TELL EC BUREAUCRATS London (Reuter)—Brussels bureaucrats who pack European Community documents with convoluted jargon, dubbed Obscuranto, are under fire from British members of the European parliament.

The British claim Obscuranto is changing milk into mammary secretions.

Fish have become “seawater or freshwater animals,” goats are now officially described as “sheepmeat” along with rams, ewes and lambs. And a bunch of flowers in Obscuranto is “non-edible vegetables.”

Ken Collins, a Scottish member of the parliament, told reporters: “All governments must learn to speak in language which is understood by the ordinary citizen.”

Caroline Jackson, a Euro-MP from southern England, said the battle for plain language in the community was vital and the British legislators were not just beating a dead horse, or, she said, as the Brussels officials would have it: “We are not introducing flagellation measures to an equine quadruped entirety devoid of its original capacities.”

CKCL/CKTO-FM Truro ND **Mike Trenholm** has put together quite the package for RTNDA delegates at their annual Atlantic convention (May 6 & 7). Among the panels: *Free Trade—The Consequences*; *Covering AIDS—A Sensible Approach*; *Women In The Media—A Status Report*. At the Awards dinner, the keynote speaker is CKO’s **Harvey Kirck**.

Gil Wright, PD at CIGL-FM Belleville, wants someone to organize an association of preservers of the language. He’s fed up with spots which use phrases (this one particularly bugs him) such as, “There’s rows and rows of cars...” He correctly points out that it should be, “There *are* rows...”

Quickies...

Chuck Camroux is at CJRN Niagara Falls acting as consultant/general manager... **Peter Cotter** takes over from **Joe Currie** as ND at CHER Sydney. Joe remains on staff. Still with CHER, they’ve got a new AMPFET transmitter in place now that takes over from the original, a 27 year-old G.E.... **Bill Croft** is new ND at CKOK/CJMG-FM Penticton, succeeding **Fred Straw**... Former Newsradio Fredericton reporter **Kevin Crombie** has joined BN at Halifax... Newsman **George Gall** made the move from CKQM-FM Peterborough to CHAY-FM Barrie... **John Gilbert** is doing a new talk show at CJFT Fort Erie, designed to provoke conversation between Canadians and Americans... **Dale Goldhawk**, former CBC journalist (and before that, ND at CHIC Brampton—where I first met him) has been elected president of The Alliance of Canadian Cinema, Television and Radio Artists (ACTRA)... **Dave Hughes** is new station manager/sales manager at CHOO Ajax, moving to the job from CJCL Toronto where he was senior account executive... CBC Radio’s **Mark Lee**, discussing bobsled racing with *The Journal’s* **Bill Cameron**, described it as “the ultimate laxative”... It was good to see CIGO Port Hawkesbury GM **Bob MacEachern** and ND **Ken Kingston** during a recent visit... **Colin Mathieson**, long-time executive assistant at Broadcast News, has moved to an administrative and sales function for **Bob Trimbee** at Seltech. Best wishes, Colin... **George Montgomery** is now ND at CKLP-FM Parry Sound... **Gerry Procter** and **Marty Kingston**—news and sports directors respectively at CJMO-FM Moncton—are knocking the town dead (the Atlantic Region, too) with their professionalism... **Gord Sharp** has taken over as PD at CFGP Grande Prairie, moving into the programming role from his former ND slot. **Keith Allan** is new ND there. And former PD **Ken Geiger** is now at CJVI Victoria... **Al Thorgeirson** has moved up to ND at MTN Television, working out of CFMI-TV Portage la Prairie. Al replaces former ND **Mark Evans**... **Rick Webber** is back as ND at CFTK/CFTK-TV/CJFW-FM Terrace... Telemedia Broadcasting Systems has named **Dale Wilson** producer, Entertainment Division. In her new role, Dale will work with executive producer **Doug Thompson**. Also moving up at TBS is **Gerald McGroarty**. He’s now producer, Sports Division... It was good to spend time with CJCB Sydney ND **Dave Wilson**, his wife, **Ruth**, and former ND **Russ White**... CJRT-FM Toronto, needed \$175,000 as part of its annual operating budget. In a period just short of ten days, over 3,300 listeners pledged \$175,672 to the non-commercial station.

Kicker...

Ten years ago, student-by-day and CJCS Stratford jock-by-night **Mark Wiskin** got himself caught up in a fib. He’d signed-off the station and stayed to do his homework. Working, he talked to himself in language not quite fit for broadcast. A listener phoned to complain. Realizing his mike was still on, and trying to cover to save his job, Mark made a big boo-boo. He told the listener CJCS was off the air and—lying through his teeth—said a U.S. religious station must be leaking in. The listener didn’t buy it and said she’d phone the manager. Frantic, Mark tried to cover by fading religious music in and out for the next two hours, occasionally turning on his mike at low pot level and preaching. It must have worked. He is now CJCS morning man.

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Municipal Planning vs: Broadcast Towers

I. CCBA Past President Michael H. Caine reports on progress made to date in Ontario. However, he warns against the 'continued absence of clear-cut policies.'

The Chairman looked right at me and said, "A radio station, eh? Aren't you people federally governed? Why, I wouldn't touch you guys with a ten foot pole!"

This was my introduction to an Ontario Municipal Board (O.M.B.) hearing. It took place in Oakville in 1978 and was to receive evidence and rule on Oakville's Official Plan, the long-range planning and development document that would shape the growth of the community into the 21st century. Hundreds of lawyers and planners were on hand, representing a myriad of interests, to participate in what was to become one of the longest hearings in O.M.B. history.

The transmitter site for both CHWO Oakville and CJMR Mississauga was smack in the middle of a proposed development that would, eventually, house some 23,000 people and include a regional shopping centre, local strip plazas and large industrial buildings. It's known as the Glen Abbey Community, and also contains the course that is home to the annual Canadian Open Golf Tournament.

We had found out about development plans for Glen Abbey from one of our reporters who covered the public meeting of the town's Planning and Development Committee that first unveiled the project, some two to three years after the developer, Genstar, had started working with the town's planning staff on the concept! Despite our "grandfather rights", it was necessary to attend the hearing and protect our interests. We were prepared to present technical information about broadcasting and had even lined up expert witnesses—including the CRTC's Gilles Courtemanche, then with DOC—to submit evidence regarding re-radiation, international agreements, value of local communication service, etc.

Evidence Ruled 'Out of Order'

It was with considerable dismay and concern, therefore, that we heard the O.M.B. Chairman wash his hands of our plight at the outset of the proceedings and plunge us into the never-never land of federal/provincial jurisdictional politics. The mound of evidence we had planned to submit was ruled out of order, only bona-fide planning evidence would be allowed. And Mr. Courtemanche was only heard, it seems to me, out of courtesy because he had taken the time and trouble to fly down from Ottawa to speak before the panel on our behalf!

As a result, we were forced to hire a professional planning consultant to completely re-design the Glen Abbey Community around our transmitter site.

Basically, only this evidence—which, to be honest, was weak because of our eleventh-hour design compared with years of study and planning by others—was allowed to be entered into the record. As it turned out, we came to an acceptable agreement with the developer and moved our site before construction began. This was fortunate since the O.M.B. decision barely mentioned CHWO and CJMR, leaving us in an extremely vulnerable position had we stayed at our original site.

With this unpleasant experience in mind, when I became president of the Central Canada Broadcasters' Association eight years later, I initiated a dialogue between our organization and the Ministry of Municipal Affairs (M.M.A.), the Ontario department responsible for planning throughout the province. The first job was to acquaint the Minister's advisors and senior planners of broadcasters' concerns and particular problems. Provincial and municipal planners are well aware of the peculiar problems associated with airports (also federally governed), and the impact that such a facility has on community design and development. Indeed, with the co-operation of the appropriate federal authorities, there are provincial planning policies in effect, such as noise level contours, that direct a municipal planning department as to the extent of development, kind and height of building permitted, zoning and density allowed around an airport.

No such directives exist, however, for

land to be developed near or around communication towers and transmitter sites. In fact, ground systems, re-radiation, height above average terrain, domestic and international spectrum management and agreements... all, and more, were phrases and concepts unfamiliar to the M.M.A. planners assembled at our initial meeting. Little, it seemed, had changed in the eight years that had passed since my O.M.B. appearance. Once again, I found myself explaining why CHWO Oakville and CJMR Mississauga could not have solved their encroaching development problems by simply moving to the CN Tower!

Task Force Formed

Once "indoctrinated", though, M.M.A. officials were most anxious to learn more of the situation and keen to develop planning practices that would allow broadcasters and planners to live more harmoniously together. We formed a Task Force to resolve the long-standing communication gap between our two professions. Municipal Affairs appointed a number of representatives, under the leadership of Curt Halen, Senior Planner for the Ministry. For the broadcast industry, we have myself; CCBA Government Liaison Director Doug Garraway of CKVR-TV Barrie; Wayne Stacey, CAB's Technical Advisor, generously on loan to us from our national association; and broadcast engineering consultant Gordon



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Elder. The glue of the group is Ontario's Ministry of Culture and Communications, led by policy advisor Martha Fletcher, which acts as facilitator, data generator and resource centre for the Task Force.

We have identified two basic objectives:

(A) Awareness. Inform and sensitize planners and broadcasters alike to the problems and importance of opening and continuing a dialogue at the local, regional and provincial levels between the two professions.

(B) Develop guidelines and universal, practical planning tools that local planners can utilize and implement in their planning procedures.

Much has already been done, or is in the works, with regard to our first goal. These include:

- The exchange of papers. Wayne Stacey has already written an article reflecting the broadcaster's perspective. It has appeared in an M.M.A. Newsletter distributed to every municipal planning department (800+) in Ontario. Likewise, Curt Halen presented the planner's point of view in an article carried in the February '88 CCBA Newsletter.

- One of the conference sessions at the up-coming CCBA Annual Convention, to be held June 12-14 in Kingston, will be devoted entirely to this subject.

- Broadcasters will be invited to participate in planning conferences and to be luncheon speakers at meetings of various associations for planners and developers.

Data Base Program Written

Members of the Task Force are especially pleased with the efforts to achieve our second objective. A computer data base program has been written that will, eventually, identify all CCBA-member transmitter sites across Ontario. While the program is not yet finalized—it is just now being "tested" in a few, selected municipalities—this data base will include such information as site co-ordinates; acreage; number of towers; height of the tower(s); power; frequency and class; key station personnel and their phone numbers; and studio/office location. No longer will a broadcaster find out two or three years after the planning process has begun that his or her transmitter site is about to be engulfed by urban development. Now, when a developer approaches a community planner with a residential, commercial and/or industrial scheme, a button can be pushed that will "red flag" the fact that a transmitter site is located in the area that may be adversely affected by such a development!

In just a few months this computer program will be available to every planning department in Ontario, key development and building companies and major planning consulting firms. In this way a great many time-consuming, expensive and, often, bitter problems can be solved before they arise!

CCBA's insightful and positive initiative, undertaken about 18 months ago, was particularly timely for both Queen's Park and Ottawa. Provincial, regional and local planning authorities have lately become much more active, and militant, in "our" process, in order to ensure the integrity of "their" process of planning and development.

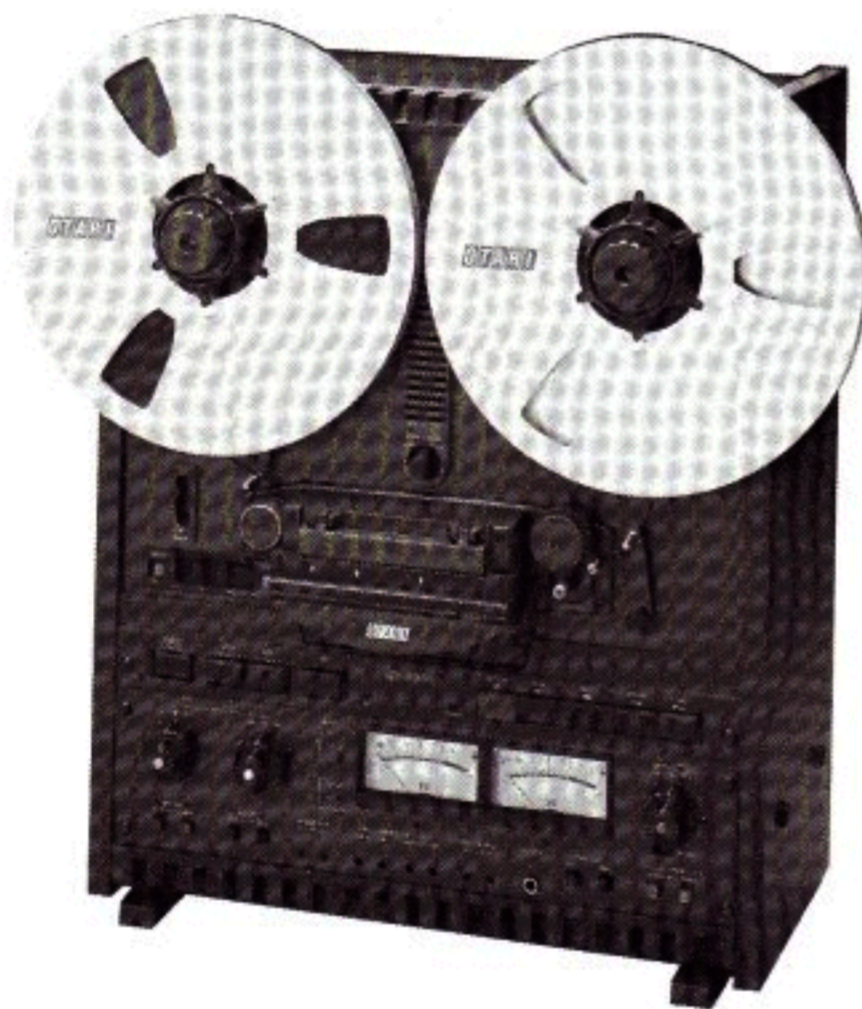
The CRTC has also become more concerned and sensitive to local planning issues (have a look at CRTC Decision 87-376 regarding Richmond Hill's CFGM and their frequency change and transmitter site relocation to Beamsville, Ontario). Those wishing a new broadcasting outlet or a change of site for an existing service are now expected to assure the Commission that the affected municipality has, at least, been informed of the applicant's intent. Even better would be to produce, as part of the application, the actual local land-use approvals.

And the DOC commissioned a study, released on January 30th, 1988, entitled *Canadian Municipalities and the Regulation of Radio Antennae and their Support Structures*. The purpose of this study is to provide municipalities with general principles and explanatory material which is of interest to them in controlling the local

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impact of such structures on their communities.

Giant Step Taken

In a very short time we have taken a giant step forward in resolving an increasingly difficult problem faced by all levels of government and our industry. Our efforts to date will go far in securing a safe place for existing transmitter sites in Ontario, free from detrimental development. It will also help planners in designing and approving proposals for community growth that will most please future home and business landowners. We hope our accomplishments will be a model for other broadcasters and provincial authorities in Canada, helping to solve what has now become a national dilemma.

From a personal perspective, I have found it exciting to see the co-operative and productive spirit of private enterprise and local/provincial government working together on this worthwhile endeavour—namely, the planned, positive interaction of logical land-use development and the protection of a limited, natural resource... our airwaves. Yet, there is still work to be done. Here's my wish list:

- I should like to see planning guidelines and principles regarding broadcast transmitting sites enshrined formally in Ontario's Municipal Act. In doing so we can ensure responsible growth, being ever

cognizant of and sensitive to agricultural and environmental needs and concerns, for all Ontarians, including those who operate a radio or television service.

- I should like broadcasters to become closer to their local planners. The problem cannot be dumped entirely into the lap of the local planning department. The broadcaster has a responsibility as a corporate citizen to make the local Planning Director aware of the special needs and requirements of the station, vis-a-vis short and long term planning strategies, to ensure that the public in the station's service area will always be able to receive the signal it is entitled to receive.

- As this problem becomes more acute it is more apparent than ever that jurisdictional jockeying, statements lacking definitive direction and continued absence of clear-cut policies are not in the interests of anyone, particularly the Canadian public.

For example: a high-rise building is constructed near your AM transmitter site, acceptable to and with the full authority of your local planning department and community Council. It re-radiates your signal in undesirable directions and you are now in breach of your Technical and Operating Certificates. The DOC has no control over the building—they only have control over you! So, if you can't correct the problem by, say, removing the high-rise, you'll

have to re-apply to the DOC (and CRTC) for a revised pattern, perhaps at severely restricted parameters and power, or a re-location of your transmitter site, if you can find one—either of which may or may not be acceptable. A "worst case scenario" would be that you would have to shut down completely because you cannot maintain the integrity of your pattern. Talk about being between a rock and a hard place!

Therefore, I should like the federal communications authorities, those who regulate broadcasting, to work more directly and diligently with provincial governments and organizations such as the CAB and CCBA in developing mutually acceptable, uniform and discernable policies and jurisdictional responsibilities regarding land-use and broadcast transmission sites.

Finally, as a community broadcaster providing a desirable and valuable service to the public by way of a natural and national resource, I should like to never hear again a government official, at *any* level, say to me, "I wouldn't touch you guys with a ten foot pole!"

Michael Caine is vice-president and general manager of CHWO Oakville and CJMR Mississauga. He also is immediate past-president of the Central Canada Broadcasters' Association.

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Municipal Planning vs: Broadcast Towers

II. A Report on the Townsend Study, commissioned by DOC

For many years the value of the broadcast station to the community has been stressed and indeed, recognized. Any successful station—be it AM, FM or TV—has built its business around local service and promotion of local events. The municipality where the studios are located benefits from the employment of from perhaps 15 up to possibly 300 persons, from the business generated by those calling at the studio, from business and realty taxes. A broadcast studio adds some pizzaz to the place. Take a place like Wingham, Ontario. When we think of Wingham (where the main industry is reputedly “dew worms for sale”), do we remember dew worms or does CKNX come to mind? Everybody loves a studio, but who wants the transmitter and antenna?

What does a transmitter offer to its immediate community? Usually a low, uninspiring building, a bank of hydro transformers, blower noise emanating from the place, some rather ugly air vents and steelwork, few if any local jobs, possible reception problems on other stations, and that monstrosity of an *antenna!*

“It’s an eyesore—put it in the next township! And now we hear that this electromagnetic radiation stuff can fry your gizzard, affect your animals, stunt your potatoes, in ground or out, and all kinds of ominous things... But that antenna is the worst part—ugly metal tower or several masts, red lights at night or those annoying blinking white flashers, that horrible orange and white color scheme. And it kills birds who fly into it at night and even seems to make thunderstorms worse, sizzling away and attracting lightning... Land Sakes, I wish it were in the next county!”

Yes, as quite a few broadcasters have found recently, the public has become increasingly aroused, and it is no longer acceptable to plunk down a transmitter site and tower into an unsuspecting community. The CRTC now “expects” applicants to demonstrate that local authorities have been notified and that every reasonable effort has been made to satisfy them. You will look long and hard at the Broadcasting Act without finding jurisdictional justification for this requirement. Under the Radio Act however, it does appear that DOC has jurisdiction in the matter.

In the *Canadian Broadcasters’ Manual on Non-Ionizing Radiation*, Chapter 7 dealt with public consultation. It states:

“It has been experienced that negative public reaction is minimum when public consultation is an integral part of the planning process of a new facility, and when sufficient time and resources are allocated to ensure that members of the public who could possibly be affected by the new facility, or might, in any way, be concerned with its introduction to their environment, are given adequate opportunity to discuss their views with the broadcaster.”

The advice given is to first contact elected officials and attempt to gain a favorable reaction. If positive, then to publicize the station’s intentions. Failing this, to arrange for further meetings with officials, and if required, a public meeting to respond to public questions and concerns.

Contract Study by David Townsend

The people at DOC have been well aware of the increasing storm over transmitter site approvals, TVO near Peterborough, CFGM near Beamsville, CFTR near Grimsby, CBC near Penetanguishene, and others. Whether the storm was over the zapping of children in a schoolyard, the reproductive habits of pigs, the loss of prime agricultural land, the withering of grapes on the

vine, or the behavior of auto radios of the Queen Elizabeth Way, the locals had raised the red flag and were telling the broadcaster to go jump in the lake, (or in its absence, the nearest manure pile). But broadcasters had always wielded a big stick when placing their big stick where it would optimize coverage and still meet all the DOC and MOT rules. This was a Federally Licensed Undertaking and the locals could go to hell! And, it turns out, according to the Townsend study, that they were right, though he would not want it to be seen as supporting this position or such an arbitrary attitude. DOC commissioned a contract study, *Canadian Municipalities and the Regulation of Radio Antennae and their Support Structures*, the principal investigator being Professor David Townsend of the Faculty of Law, University of New Brunswick, who spent a good part of his sabbatical down at the 300 Slater Street tower of wisdom. It is difficult to compress 109 pages, (120 in French, which always scores higher) into a page of B+T, but the crux of the report is that while legally the Feds are on pretty solid ground, politically they are not, and something should be done.

The fundamental division of powers between federal and municipal authorities in Canada deleves from the Constitution Act of 1867, now superceded by the 1982 version. The Dominion was given power to make laws dealing with the “peace, order and good government” of Canada, in relation to all mat-

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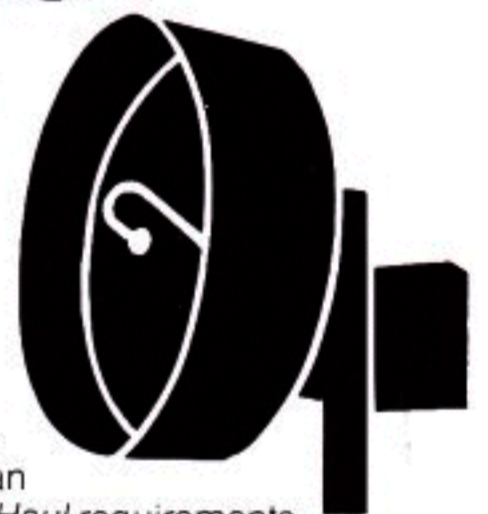
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ters not coming within the classes of subjects assigned exclusively to the provinces. The provincial exclusive powers were listed as including property and civil rights, local works and undertakings, and local and private matters. The Act in 1867 listed, "telegraphs" as one of the certain Federal exclusive subject areas, and this has contributed to the view of the courts and legislators to accept radiocommunications as being under exclusive federal control. Another factor is the "trans-border" aspect of spectrum management. Since Hertzian Waves cannot be prevented from crossing interprovincial or international borders, and since international telecommunications law involves federal treaty-making powers, the courts have consistently reaffirmed federal jurisdiction over radio in general and over broadcasting in all its particulars but one. In one case, a ruling in Quebec that well-known cartoon characters could not be used in advertising to children regardless of the medium used, was upheld. Generally, federal regulators have respected provincial requirements (as in beer advertising) restricting the airing of such commercials as required by law in the various provinces. But the power to control content in broadcasting is strictly federal—any provincial law impinging on federal content rules would be declared invalid by the courts.

There are a number of areas where separate federal and provincial powers overlap, for example, "child custody" (provincial) and "divorce" (federal). Where there is conflict, the onus on the court is to determine "paramouncy" in the matter and whether the one is "necessarily incidental" to the other. That is, can the "incidental" law harmoniously co-exist with the "paramount" law.

Since municipalities are strictly creations of the province in which they are situated, all municipal by-laws are subject to provincial approval, and can not deal with matters outside provincial jurisdiction. Any by-law materially impacting upon the siting or the operating capacity of a broadcasting undertaking would

be found invalid by the courts. The broadcaster is a bit lucky here. Section 92(10) of the Constitution Act gives the provinces exclusivity over "local works and undertakings other than... such works as, although wholly situate within the province, are before or after their execution declared by... Canada to be for the general advantage of Canada or for... two or more of the Provinces".

The Privy Council in 1932 cleared up the fuzzy understanding in *Re Regulation and Control of Radio Communications*. "Works" have been described as physical things which enjoy a distinct physical existence. An "undertaking" in contrast, is an arrangement under which... physical things are used. The courts have since consistently indicated that once a sufficient interprovincial feature is demonstrated, then the entire work or undertaking is subject to federal control. Since that time, arguments regarding receivers, and even cable systems which receive off-air signals, have been settled in favor of federal control. So the works of broadcasters are controlled federally, program content has federal control, but it appears that a province may exert some legitimate influence on content provided that its effect is merely incidental to federal content rules.

The U.N.B. study confirms that broadcasters do have to respect certain provincial regulations, provided that these requirements are within provincial jurisdiction and so not undermine the selection of a transmitter site or the operative capacity of an undertaking. Electrical safety is a provincial concern, and we all have to meet CSA or provincial hydro requirements. It is a provincial inspector who certifies our boilers and pressure vessels. And generally our studio buildings have to meet civic or provincial building standards, set-backs, etc. It is the selection of the transmitter site that create the most contention.

Legitimate Local Concerns

The municipalities or provinces have been receiving somewhat more favorable rulings from the courts in the more recent past. In the field of aeronautics in 1979, the court ruled that while all the physical aspects of an international airport were under federal control, construction workers under a federal contract were subject to provincial minimum wage laws. This could have significant repercussions. If only the physical aspects dealing with radiocommunications were under federal control in broadcasting, a significant range of other matters might be considered as subject to provincial and municipal regulation. Public safety and the control of hazards such as falling ice could well be matters of local concern not materially affecting radiocommunication. There appear to be some legitimate local concerns which are not well addressed.

Professor Townsend concludes that the present system is "characterized by a high degree of confusion and uncertainty with respect to the limits of provincial control". Municipal control of land use remains frustrated, and "local concerns are of pragmatic if not legal significance". A political solution may be demanded and some form of consultative mechanism appears desirable, possibly patterned after one now existing and dealing with airport location. Prior to imposing zoning regulations in the proximity of federally operated airports, under the Aeronautics Act, the Governor in Council (the cabinet) must first attempt to reach an agreement with the relevant provincial government to provide for the use or development of the land. In the case of private airports, consultation with local authorities is required, and where agreement is not reached, the Regional Office will not issue a permit and the matter is referred to Ottawa for a decision.

So there it stands. It looks like broadcasters will face another set of regulations before too long, unless the powers in the towers at 300 Slater Street decide to quietly ignore the problems.

A.G. 'Sandy' Day, P.Eng., is Technical Editor of *Broadcast Technology*. He may be contacted c/o 15 Lakeside Avenue, Ottawa, Ontario, K1S 3H1, (613) 235-9411.

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**Claude Charrette Named
Employee of the Year**

Claude Charrette of radio stations CIWW/CKBY-FM Ottawa has been awarded an Employee of the Year award. Stan Harrison, Chief Engineer of these stations, told me that the management chooses an Employee of the Month and that one of these employees is selected as Employee of the Year. This year they chose Claude Charrette, a twelve-year veteran of the Technical Maintenance Department. The award consists of a plaque and a cheque for \$1000. Congratulations, Claude!

**Transmitter Fire at
CKCO-TV Kitchener**

CKCO-TV of Kitchener Ontario had the misfortune to have a fire at its transmitter building on December 31st, 1987. Joe Brenner, the technician in charge of transmitters, said that the station was off the air for only a few hours and was broadcasting at reduced power by 8:30 am. The fire apparently started in the high voltage power supply which was completely destroyed. The transmitter building, which is constructed of clay brick and has a concrete roof, is fireproof. Part of the inside of the building was gutted and some damage was caused to electrical equipment by chemicals from fire extinguishers. Joe said the station had been operating at half power and he expects to be up to full power soon.

**New Studios for
CKJD/CJFI-FM Sarnia**

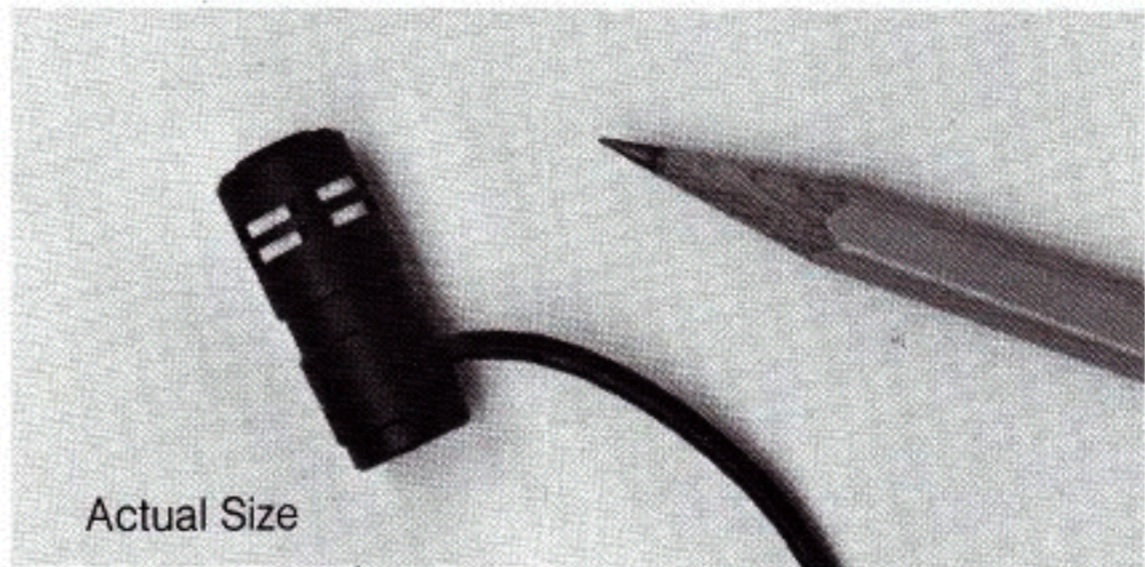
Paul Firminger, Vice-President of Key Radio, reported that excavation has begun for new studios for CKJD/CJFI-FM in Sarnia, Ontario. Presently these stations operate from a high-rise building in Sarnia. The new studio building will have a floor area of 8,000 square feet containing four studios. Each studio will be equipped with Ward-Beck Systems 14-input audio consoles. One of the problems of this new installation will be to move a self-standing 80 foot high communications tower. The plan is to dismantle the tower into three parts, transport it across town overnight, then reassemble it next morning. The planned on air date for the new facility is mid-June, 1988.

If any member knows of any projects or has other news for the *CCBE Newsletter*, please call me, or drop me a postcard—or if you have FAX machine, send me a FAX at (514) 276-9399.

Bob Findlay is publicity chairman for the CCBE, The Central Canada Association of Broadcast Engineers. He may be contacted c/o CFCF-TV, 405 Ogilvy Avenue, Montreal, PQ, H3N 1M4; (514) 273-6311.

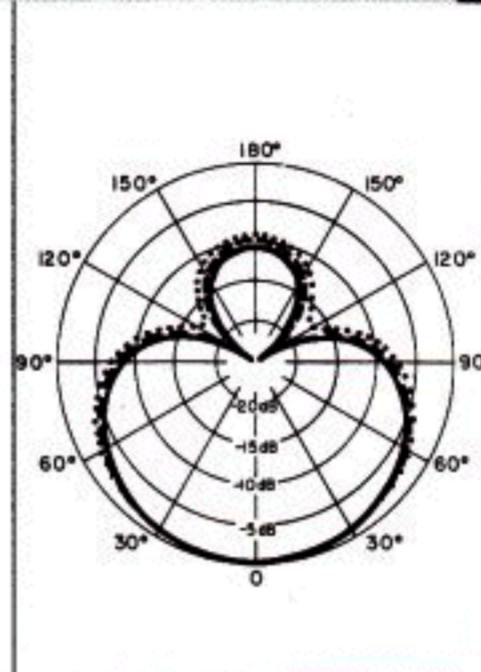
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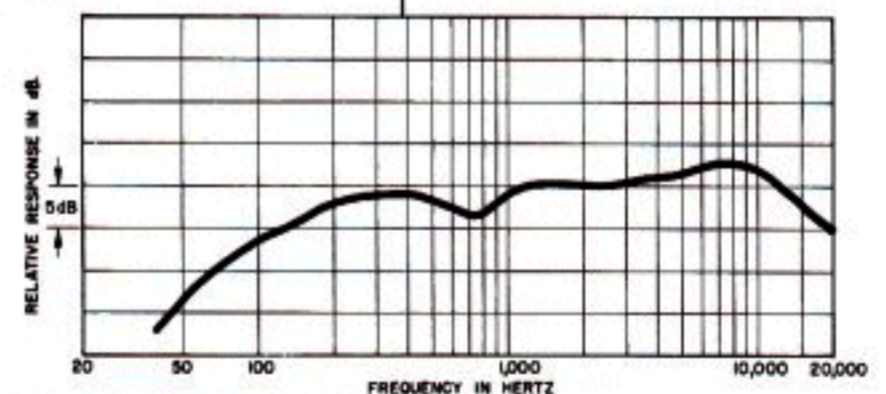
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Palm Springs—The phone rang and a voice asked: "Can you tell me who won the third race at Dufferin?"

The voice was immediately recognizable—it was the same one that springs out of those popular Telecom commercials with "Awesome" and "Aren't they clever?" It was Larry Mann, he of the bushy eyebrows and ample figure, and one of the first people I met when I joined CHUM in 1949.

The Toronto-born Mann has lived in the Los Angeles area now for many years, spending a few months every year in the Palm Springs area. The phone call was his way of letting me know he was in town.

"Really Don't Have Much Of An Ego"

After more than 40 years in the entertainment business, a career that covered radio, television and film, it is ironic that it took a commercial to bring Larry Mann back to the attention of fellow Canadians. But it doesn't seem to bother him.

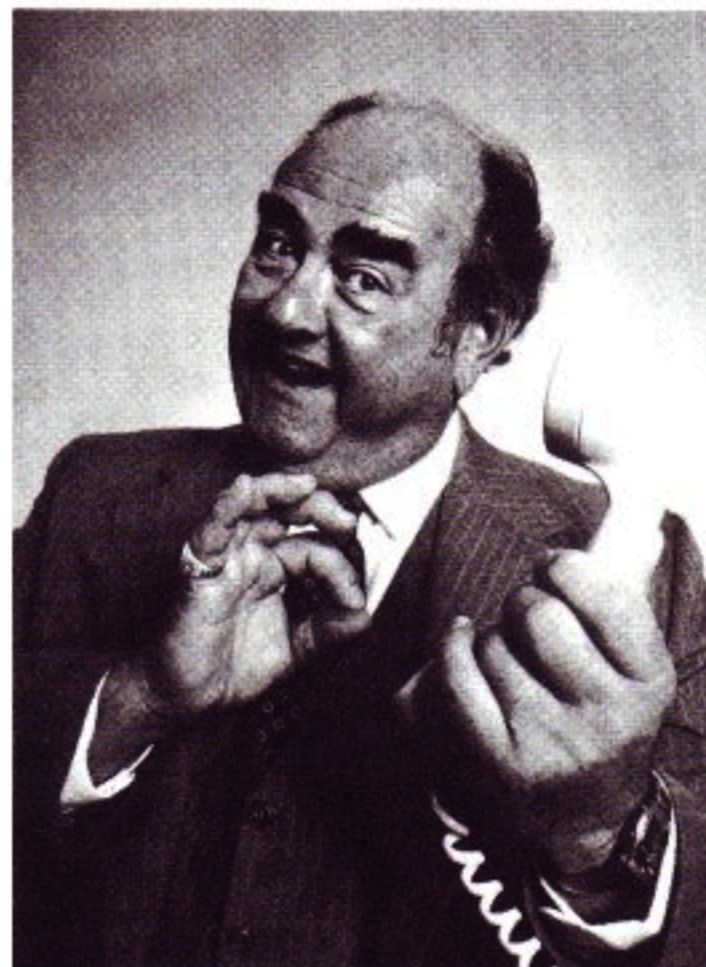
"I really don't have much of an ego," Larry said, "so it isn't a matter of being back in or back out. But the work came at a peculiar time as I was still doing *Hill Street Blues* when I got the Telecom Canada commercial in '87. But it was surprising that a whole generation who didn't know me were suddenly seeing me more than anyone else because of a series of commercials.

"Here I was getting more coverage than ever before and it seemed strange because I had been in some Academy Award-winning films and had done other films that had brought me personal kudos. Yet it was a series of commercials that brought me popularity at a time when I certainly didn't need or want it. I was quite surprised by it all."

Even being picked for the commercials surprised Larry, after all he was living in California, not Canada.

"What happened," he said, "is that a meeting was held in 1981 between the ad agency, the client and the production

*All you need to know about buying broadcast equipment—**BUYERS' GUIDE '88** in the July/August issue of Broadcast Technology*



Larry Mann's newest role is as star of Telecom Canada television commercials.

house that was to do the commercial to get a fix on this character. As they were describing what they wanted—someone who was not thin, not young, whose bark was worse than his bite—the producer from the production house said they were describing me. And once he told them I was still a Canadian, that was that.

"I didn't go through any auditions. The first commercial was really the test, and it was more popular than imagined even in their wildest dreams. But it was the second commercial that really took off and the series went on to be the most successful series of commercials ever in Canada."

Boredom Sparked Career

Mann began his career while with the Royal Canadian Air Force.

"I served with no distinction whatsoever from 1941 to 1945," he explained. "Shortly after we went into Holland, life got to be very dull. If you spent the winter of '44 in Holland you would know what I mean. We were a forward unit and the entertainment shows never reached us so, as a means of fighting boredom, we put on our own little camp shows. We had to make our own fun so we also started a newspaper and a radio station, both pretty mickey mouse.

"When the war ended we were in Lunenburg, Germany and I was assisting an announcer who was doing a news and DJ program," Larry continued. "That meant I listened to the BBC news and wrote it down as fast as I could and Irv Morrison, who used to work for CHEX in Peterborough, would read it. Then he became ill and I started to read the news.

"I had never been an announcer, but oddly enough I was studying journalism. In those days if you were in the service overseas you could take courses through the extension departments of Oxford or Cambridge universities. I liked Oxford so I took journalism and eventually graduated."

Told he sounded good on air, Larry began to think of becoming an announcer when he got back home to Toronto "because they must make thousands of dollars a week."

—continued on page 36.

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When he arrived back after the war he heard of a new daytime station opening in Toronto, CHUM.

"That, I felt, would suit me fine because I could get a job the rest of the day," Larry recalled. "I was hired for \$35 for the first week and if I made it through that period they would raise me to \$40."

At the beginning he was to observe a newscaster reading the news on three consecutive Sundays.

"I went to the station on the first Sunday I was to observe and the announcer didn't show up," Larry remembers, "so instead of observing I had to do the news. I was on the air for the first time at CHUM when the news editor came into the studio and shoved some papers into my hand. It was a bulletin from Tokyo announcing that the first 14 prisoners of war were to be brought to justice. And as I turned the page there were 14 Japanese names on a piece of paper.

"Well, I looked at that list and didn't have a clue how to pronounce those names. They weren't spelled out phonetically, there were just 14 Japanese names. So I just threw the papers up in the air and began spouting what I thought sounded like Japanese names. When I thought I had said 14 names I said 'And that's the bulletin from Tokyo, the weather in a mo-

ment.' And that was my first day at CHUM."

**Given Show Because
"It Was A Bust"**

In those early days at CHUM the DJs wrote their own material and picked their own music. Larry Mann was given a morning show, he says, "because it was a bust. If management had known it would ever be successful I wouldn't have been given the show. They didn't like me, I was kind of weird and different and picked kind of off-beat records.

"The show had no commercials and I noticed programs on the other stations had tons of commercials. So I took *Time* magazine home one day and took what I thought were six of the better known products advertised in it and wrote 60-second spots for each. The next day I put these commercials on the air one at a time.

"I guess it was like bait, people thought if the show was attracting that national business they should get on. So a lot of people started buying spots and the next thing I knew I had so many commercials it was embarrassing. So I started doing them in different voices.

"Then one day Maclaren Advertising called wanting to get in touch with the guy who had done one of the commercials. They were talking about one of my voices, so I said I would get in touch with him. When they wanted his phone number I said he didn't have a phone and just let me know where and when they wanted him and I would make sure to get him there. That was the beginning of me doing voices and commercials and I started doing a lot of commercial work.

"I learned a lot of things as a disc jockey at CHUM that have stood me in good stead to this day. I learned how to time a commercial, how to compose one, how to ad lib one, how to have it mean something."

**Went to the States
To Learn Television**

When he heard that television was coming, Larry went to the States for a year. "I figured the thing to do was go learn this new medium and the way to learn a job was by doing it. And the only thing you have to learn about television is how to be yourself and how to be at ease in front of the camera."

When he returned the first television show he did was a children's show on CBC, *Uncle Chichimus*, which, he recalls, "was Lester Pearson's favorite show. He said he listened to it so he could find out what was going on on the Hill."

As Larry explained "*Uncle Chichimus* pretended to be children's entertainment but it actually was a satirical review of the day's news. Norman Jewison was the director. It was a very good time for me. The show developed my ability to ad lib and to feel at home in front of a camera."

Larry also went back to CHUM on his return to Canada. But he quit the station when he learned he was about to be fired and began to work in television drama.

"What CHUM had done for me in terms of doing voices," he said, "*Uncle Chichimus* had done for me in terms of drama. There I was doing a bunch of characters and voices and drama producers began to ask me to do some parts. So I did and was on *GM Presents* and *Folio* and all those early dramatic shows.

"I started to commute to New York about that time because you could do what you were doing in Toronto, but get paid more for it. Then our youngest son developed something called Legge Perthes and the doctor said he needed heat therapy. That was the straw that broke the camel's back and we moved to California. I figured if I couldn't get any jobs acting I would become a milkman or something."

Larry went to California first in 1965 and his family followed. There was a great deal of work going on in television in

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those days with all the series shooting 39 episodes and it wasn't long before he was working. He never did have to become a milkman.

"Carried Police Card Beside My Union Card"

"I did all of the westerns," Larry recalls, "and so many detective shows where I was always a bad guy that I often got picked up by the Highway Patrol. It got so I carried a police card beside my union card."

For Larry, work beget work. "One TV show led to another," he said, "and I did movies as well. All the television that I have done is still in reruns and those residuals mean a good living for us. I did 32 films which have also gone into

reruns on television. So it was kind of a strange career for me."

As he looks back, Larry Mann reflects that show business in Canada is unique in that you aren't regarded as good unless you "have gone to Hollywood".

"The arts are the only area in Canada where people say you've got to leave to make it," he mused. "Why that is, I don't know. Maybe it's because Canadians love it when you've got that little mark—approved by a U.S. audience. It seems to spell success, you know like a Good Housekeeping seal of approval. If you've got that U.S. audience approval, suddenly you're a big hit in Canada. I don't think we like our own. I don't think we appreciate our own."

"I've tried to figure it out many times and I think it comes from how we grew

up. We were teathed on American magazines, on American television shows and on American movies."

As he travels through Canada for Telecom or for Variety Club telethons, Larry Mann remains very much a Canadian at heart. And for me he remains as he did back when we first met, an articulate, inventive, intelligent artist whose broad scope of talent, to use the vernacular of his commercial character, is "awesome."

Phil Stone is a well-know broadcaster, writer and educator, whose Phil Stone Report and Broadcast Beat are regular features of Broadcast Technology. Phil's address is 2350 Bridletowne Circle, #1601, Scarborough, ON, M1W 3E6; telephone (416) 492-8115.

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BROADCAST BEAT

by Phil Stone

WHILE WE WERE AWAY... Many items of note took place while we spent two months of the winter in the balmy Palm Springs, California, area... **Bob Mackowycz** left his position as PD at Q-107 Toronto to rejoin his former boss, **Gary Slaight**, at Standard Broadcasting... **Peter McKeown**, who was among the students at Conestoga College when we taught there part-time, wrote to let us know that he moved from CFGM Toronto a few months ago to be morning man at CHUR North Bay. **Sid Tomkins**, still at Canadore College, was the driving force behind CHUR, which operates on 840 with AM Stereo and is now part of the Mid Canada Radio group... **Angela Albanese** became director of client service at Harris Media Systems... **Huguette Marcotte** became GM, marketing and sales, at Radio-Canada, and also a member of Radio-Canada's Television executive committee... Global TV will continue to expand its NHL coverage next season to include the divisional championships, in addition to the conference championships and sharing of the Stanley Cup finals with the CBC... After a 15-year association with CHCH-TV Hamilton, veteran broadcaster **Vic Cummings** resigned from the station... Thanks to **Lynda Wodzak** at CHOK Sarnia for the copy of the interesting book, *Caley Country*. It contains many of the most requested pieces from the popular noon-hour feature *Caley Country*, starring **Roy Caley**...

The CBC has been selected as the Host Broadcaster for the annual Economic Summit of the seven major industrialized countries, to be held in Toronto, June 19-21. The summit brings together the heads of state of Canada, France, the Federal

Republic of Germany, Japan, Italy, the United Kingdom and the United States... Congratulations to **Dale Goldhawk**, elected president of ACTRA at the most recent annual meeting... Global TV viewers outside Toronto now have a convenient toll-free number to call the network: it's 1-800-387-8001... Warmest wishes to **Rex Loring**, who celebrated 20 years on CBC Radio's *World Report*, earlier known as *The World at Eight*... **Brian Antonson**, in his friendly and most complete newsletter from the Broadcast Communications department at BCIT, advises that **Doug Short** has retired and **Terry Garner** has returned to the Radio course... **Tom Harkness** left CFTR Toronto to join CKSL/CIQM-FM London, ON, as sales manager... **Marie-P. Poulin** was appointed secretary general of the CBC and its board of directors... **David Hamilton** at Global sent along a whimsical news release that explained why feature newsman **John Dawe** is now wearing glasses on-air...

The Canadian Association of Broadcasters has appointed **Michael McCabe** as president. He had headed his own firm, McCabe Communications, as a consultant in the fields of public policy and government relations... **Glen Stone**, our youngest son, returned to Toronto from Montreal where he'd been CKO's Quebec bureau chief, to again co-anchor the network's prime time evening newscast with **Dennis Woolings**. Glen is also expanding his science coverage... **Martin Tully**, who'd been VP, national sales, has left the Radio Bureau of Canada... **Ronald Osborne**, president of Maclean Hunter, became chairman of the CTV executive committee, replacing **Ray Peters** of BCTV, who decided to retire after 10 years in that role... **Jeffrey Neil Fraser** joined CFRB Toronto as an account exec... **John York**, operations manager at CKPC Brantford, ON, wrote to advise that **Bob King** has become news director... At CJCL Toronto, **Pat Hurley** was made GSM and **Ken Whitelock** became a sales rep. **Bob Johnson** moved from general sales manager to be GM of Telemedia Vacationland stations (CFOR Orillia and CKMP Midland) and the new Muskoka FM...

CABLE TELEVISION NEWS: A reminder that the CCTA's annual convention and Cablexpo will be held in Halifax, from May 29 to June 1, at the World Trade and Convention Centre... Some news of the association that occurred while we were away: new members of the CCTA Strategic Planning Committee include **Bill Stanley**, president of Fundy Cablevision, named chairman, and **Henri Audet**, chairman and CEO of Cogeco Inc... Thanks to grants from the Ontario government, three northern Ontario cable systems will be able to extend their services to remote communities. They include Northern Cable Service, Norcom, and Maclean Hunter Cable TV... Congratulations to Kamloops Cable, which became the first Canadian community channel to distribute its programming in stereo...

The Variety Club of Ontario honored broadcaster **Barry Nesbitt** with its prestigious Heart Award for his services to the show business charity organization... Among new Variety Club members is **Jay Jackson** of CJEZ-FM Toronto... The Central Canada Broadcasters Association is preparing for its mid-June meeting in Kingston, Ontario. **Ross Kentner** of CFOS Owen Sound is CCBA president... (Editor's note: Don't miss the article by CCBA past president **Michael Caine** in this issue, page 19)... New at Paul L'Anglais, Montreal, are sales reps **Michel Boivin** and **Louise Crichton-Morneau**... At Capitol Records-EMI Canada, **Peter Gourley** was appointed VP, marketing... **Roy Maxwell**, agricultural commentator for CBC's *Radio Noon* in Toronto, was awarded the Silver Tom Leach Award for radio reporting by the Canadian Farm Writers Federation... **Dennis**

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C. Corrie is now general sales manager at CJWW Saskatoon... Changes at BBM, as reported in *AdNews*, include **Neil Duggan**, from account exec to full-time work on People Meter development with TV/VP **Ken Purdye**; **Lucy Wood**, to account exec, replacing **Jim Snider**, who went to The Sports Network; and **Ann McPhee**, from executive assistant to VP **Mike Hanson** to account exec... We understand that **Dan Ianuzzi** is looking to form a national multicultural TV network. He remains a director and shareholder (16%) of CFMT-TV Toronto...

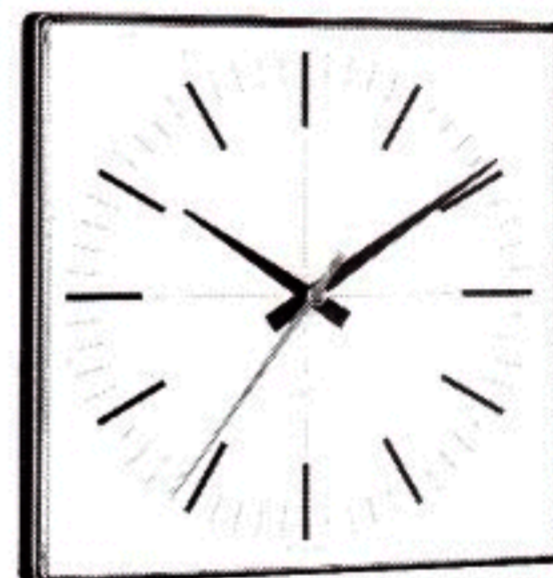
Obituaries: Gravelly-voiced **Bill Hartnoll**, who dispensed gardening advice on Hamilton radio stations for nearly 25 years, died of cancer at age 77. Most recently he had been heard on CKOC/CKLH-FM, and earlier had a long-standing feature on CHML and Toronto's CHFI... **David Otis Fuller**, the fundamentalist preacher who started the *Children's Bible Hour*, now broadcast by 600 radio stations worldwide, died at age 84... And **Patrick McGeehan**, who was a foil for Red Skelton on *The Red Skelton Show* and an announcer/actor through much of radio's classic period on the 1930s and '40s, died at age 80. At his peak, it is said, he did more than 40 shows a week...

Appointed a new part-time commissioner of the CRTC is **Walter Ruest**, a veteran retired broadcaster... Canadian expatriate broadcaster **Monty Hall**, who has done so much for others, was named a companion of the Order of Canada... MMC Video One Canada, the wholesale distributor of video cassettes, named **George Evans** as VP, sales and marketing... Some might remember **Art Fleming**, the original host of *Jeopardy*. A *Globe & Mail* story say he is still in the 'quiz biz' as co-host of *Trivia Spectacular*, broadcast for three hours each Sunday night on CBS Radio's KMOX in Fleming's home town of St. Louis, MO... **Pat Sajak**, the former TV weatherman who rose to fame as host of *Wheel of Fortune*, will reportedly try a new role next year as a late-night talk show host, opposite **Johnny Carson**... Had a warm letter from veteran DJ **Johnny Murphy** who told us he was leaving CFRY Portage la Prairie to go with CFQX-FM Selkirk, Manitoba. Johnny, who's been in the business for 34 years, became morning man at 'QX Country'—now 100,000 watts and a major station in the Winnipeg area under the direction of owner **Bob Chipman** and well-known broadcaster **Jerry Johnson**... This story from the *Los Angeles Times*: A Kansas City radio station, anxious to promote a format change, sought the advice of a marketing expert. He suggested something big, and the station KCFX ('K-FOX') did something big indeed. It bought a three-storey, 30-foot tall, inflatable fox. It was hoisted next to one of Kansas City's busiest freeways, and resulted in one driver, eyes on the behemoth, crashing through a guard rail. The traffic jam that followed didn't win any positive publicity for K-FOX. A DJ on one of the competing stations christened the inflated animal 'Foxzilla'...

Phil Stone welcomes your news for Broadcast Beat. Write c/o 2350 Bridletowne Circle, #1601, Scarborough, ON, M1W 3E6. Please address information for other departments and staff at Broadcast Technology to P.O. Box 420, Bolton, ON, L7E 5T3.

*Phil Stone interviews
Broadcasting's Veteran of Versatility
Larry Mann in
The Phil Stone Report
in this issue of
Broadcast Technology*

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Q-100 FM : THE BEGINNING

by Bob Calder

CKKQ-FM (Q100) is jointly owned by Stu Morton and Roger Charest. Having known each other since 1962, they have been in business together since 1973. With previous interests in six radio stations, Stu and Roger now are the principal owners of CJOK/CKYX-FM Fort McMurray and CKER Edmonton as well as Victoria's newest FM station, Q100.

Q100-FM—THE BEGINNING

Stu Morton and Roger Charest were the recent successful applicants for a broadcast license to serve Greater Victoria. All applicants who appeared before the CRTC had applied for one of the two remaining commercial 'C' channels assigned to British Columbia's capital with each applicant proposing to use abandoned transmitter facilities on Saltspring Island. CJAZ-FM Vancouver, now CKKS-FM, abandoned the site a few years ago due to severe multi-path problems in downtown Vancouver, and relocated to new facilities on Mount Seymour. As the Saltspring Island site had been constructed primarily to serve Greater Vancouver, a question was raised that perhaps a better broadcast site existed when Greater Victoria was the primary market area.

As it was some years since the transmitter facility had been operational, it was decided to conduct tests from the Saltspring transmitter site to refresh everyone's mind to the signal quality and to satisfy the owners that similar multi-path, or other, reception problems did not exist for the Greater Victoria market.

After two days of extensive testing it was determined that some time should be spent investigating an alternative transmitter site. However, most previous engineering studies for this area had proposed using Saltspring Island or Saturna Island locations as the main transmitter sites to serve Victoria. During the two days of listening tests the signal from Saltspring Island was compared with another local FM signal being transmitted from a site located on Triangle Mountain. Signal comparisons were also done with two Bellingham, Washington, FM stations and the FM station located at the University of Victoria.

After data from the listening tests was analyzed it was concluded that large areas of residential population in Greater Victoria received a less than satisfactory signal from the Saltspring Island site when compared to the transmitter site at Triangle Mountain. Generally, downtown



View of 'On-Air' Control Room shows news facilities and surrounding decor. In photo are production manager Ross McIntyre and Cheryl Cox, news.

Victoria received a satisfactory signal from Saltspring Island and the Saanich Peninsula received an exceptionally good signal. However, large areas of the Saanich Peninsula are under the Agricultural Land Reserve and this area could expect limited future development. Most of the residential growth for Greater Victoria appeared to be in the districts of Saanich proper, Metchosin, Colwood and Langford. Saturna Island had also previously been

tested as a transmitter site location but, again, multi-path problems and poor reception existed in many areas of downtown Victoria, contrary to what all preliminary engineering studies had indicated. More recently, CFMS Victoria had tested an FM site on Mount Jeffrey which yielded good results for the Peninsula area and downtown Victoria, but was not entirely satisfactory for the growing western communities. →



• Project Design and Management by Bob Calder • Photography by Rob D'Estrube
• Equipment Installation by Chris Sia and Peter Locke

SEARCH BEGINS FOR XMITTER SITE

With all this information in hand a search began for a possible new transmitter site location. This was an enormous project for a new station, which had planned and budgeted for an existing in-place, transmitter facility, to undertake.

The best geographical location for an FM transmitter site to serve Greater Victoria would be on the San Juan Islands or the Olympic Mountains, but these locations east and south of Victoria are in Washington State. The search led to a location near Mount Work in the Capital

Region Highland district. That area had previously been studied as a possible transmitter site, but the hilltop of Mount Work was within the boundaries of a regional park and efforts to locate a transmitter facility in the area were unsuccessful.

However, large land areas are privately held on the southeast slope of Mount Work and this area could prove to be suitable for a possible transmitter FM site. One particular hilltop proved to be superior to the rest—it was close to an existing highway, hydro facilities were nearby and, visually, the location appeared as

if it would serve Greater Victoria, the western communities and the Saanich Peninsula. Although some pockets of residential population would still be in shadow areas of the proposed antenna site, it was decided to pursue this site further with more detailed technical studies and actual 'on-air' tests.

After further legal research revealed the site could be developed with no rezoning problems, the owners decided to pursue land-leasing or land ownership.

Grant McCormick of H.N. Engineering conducted an extensive engineering study comparing signal coverage of Greater Victoria between the existing transmitter site on Saltspring Island and a proposed transmitter site at the new location on Mount Work.

At the same time, stereo transmission tests were conducted from the proposed site utilizing an Orban stereo generator, a 100-watt transmitter and a horizontally polarized Omni antenna. All equipment, including a gas generator, was hand-carried up an abandoned logging road for a day of signal testing. Preliminary results of the day's extensive listening and measuring tests indicated the site was more than was hoped for and plans were to proceed with submitting an amended Technical Brief and to conclude arrangements to lease or purchase the land for the new transmitter site.

SITE WORK BEGINS

As the summer months passed, it was apparent the target 'on-air' date of December 1, 1987 was going to be difficult to attain and site development would be difficult in the late fall or winter. It was decided to do some necessary site developments, such as constructing a service road to the hilltop and bringing in hydro facilities to the building site, if the station was to stand a chance of being 'on-air' before Christmas. Meanwhile, an order for a broadband FM antenna was placed August 17 with Thomson-CSF in Montreal, with the unit scheduled to be shipped October 2 to arrive in time for a November 1 installation. As site construction proceeded, other equipment which could be expected to have a long delivery time was ordered.

On September 1 an order was placed with Maruno Electronics for a McCurdy S Series 'on-air' console and a Ramsa multi-track production console. Nortec West in Vancouver would supply a TFT stereo monitoring system, a TFT composite STL system and a Kelk voltage regulator. A CCA transmitter and associated R.F. equipment was purchased through Jim Smith of Caveco Equipment. The CCA transmitter was selected because of its simplicity in design utilizing a grounded grid final amplifier. It was available for single phase power, had a required 12kw power output capability

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and also met a tight delivery schedule. L&R Communications provided the tower and transmission line and were responsible for the complete antenna installation from the output of the transmitter.

HOME PICKED FOR Q100

Studio space was selected early in June in the new Wang Computer Building on Carey Road. The building site provided a good location for STL transmission to Salt Spring Island (the most likely transmitter site at the time the studio site was selected). The rooftop of the building would be a good Emergency Broadcast Site since the location provided a good view over Greater Victoria.

Services had initially been designed and installed in the building for an electronic research facility and, as a result, there was more than ample power and air conditioning provided on each floor. The building also provided a back-up power generator and each floor was served with a number of independent heat pumps for ventilation. Four independent heat pumps provided air handling for the floor space which was to be leased for the radio station facility. Since the builder's exterior had large amounts of glazing, it was decided to begin the floor plan with the 'on-air' control room located in the southwest corner of the building. From here, the plan was developed to contain the production studio facilities in the center of the building with the surrounding wall space being utilized for the general office area.

The only permanent wall structures in the entire facility are those surrounding the 'on-air' control room, two production facilities and a small voice studio. These studio wall partitions were constructed identically to those described on pages 50-54 of the June, 1987 issue of *Broadcast Technology*. The remaining office partitions are constructed with floor-to-ceiling glazing with vertical louvered drapes pro-

viding office privacy. The entire radio station utilizes approximately 3,700 square feet of floor space excluding washrooms, elevators and other building service areas.

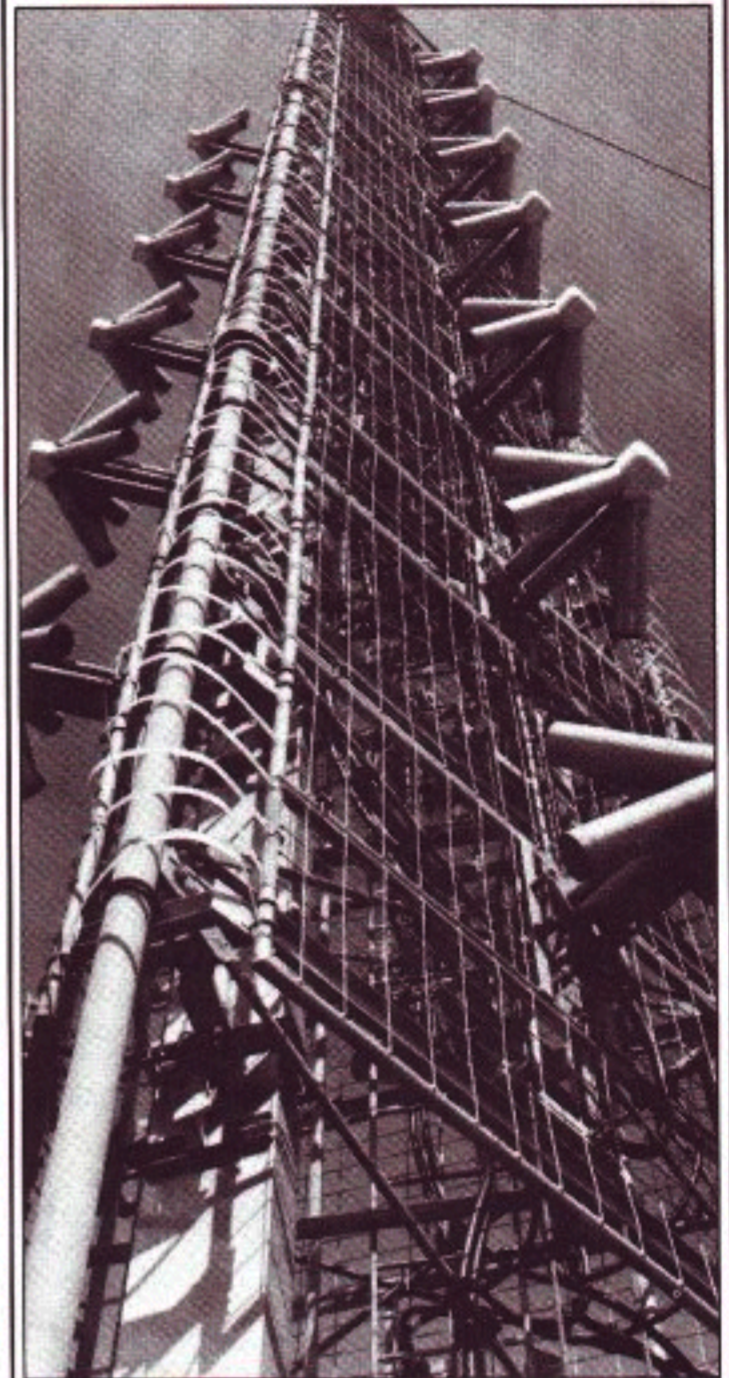
Leasehold improvement costs averaged \$12 per square foot, which included the studio wall construction, office partitions, sound treatment, electrical work and mechanical alterations.

In order to retain the carpets, which were in like new condition, the entire floor space was covered with 6 mil plastic before any wall construction began. The plastic remained on the floor until all painting was complete and it was time to install the millwork components. All of the studio and control room millwork, including much of the furniture, such as reception counter, boardroom table and sales desks, was constructed by a local firm, HTD Custom Woodworkers Ltd. Millwork and studio space was designed by the writer with additional input on design, colours and fabrics by Jacqueline F. Austin.

FIRE HAZARD A CONCERN

At the proposed transmitter site, road construction and private powerline construction proceeded in tandem to facilitate sharing heavy equipment between the two contractors. Extensive rock blasting was required to cut the remaining 200 meters of roadway from a steep cliff in order to reach the top of the hill. Concrete trucks had to be towed the 200 meters by an excavator. As time passed, construction became more and more difficult as Victoria experienced its driest autumn ever. The extreme fire hazard resulted in a total shutdown of woods operations and special permission from Forestry was required in order to continue with construction at the transmitter site. Construction was allowed only during morning hours, only hand tools were allowed and fire fighting equipment was required to be on

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Reception area of Q100, with sales manager's office in background and boardroom on right. Receptionist is Penny Robinson; Stu Morton can be seen in boardroom.

BROADCAST TECHNOLOGY

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47

hand. Fortunately, the tower anchors and building foundation were already in place.

Studio leasehold improvements did not proceed until September 1 and were to be essentially complete at the end of the month. At that time the more important components of the studio millwork arrived on site in order for control room wiring to begin. Equipment was scheduled to arrive over a two-month period with peripheral components such as tape decks, turntables and CD players arriving last.

Ron Paley of Oakwood Audio supplied much of the studio broadcast equipment as he was able to source many products which met the station's criteria and deliver them on time for installation.

Q100-FM was probably one of the first radio stations in North America to begin broadcasting entirely using the Denon CD cartridge player. The 'on-air' control room millwork was designed to accommodate three of these CD players and today all compact discs are housed in special plastic holders. With its album-oriented rock format, compact discs comprise almost 90% of the music played on Q100.

The 'on-air' control facility at Q100-FM has two independent consoles allowing the news staff to control their own mix-



News director Bruce Smith is seen at one of work stations in Q100 newsroom.

ing of live voice and cartridges. These two consoles are switched on-line by a remote relay system and the combined input appears at the input of the stereo generator. This allows for two independent processing chains for the stereo audio signal. In

addition, the two live microphones in the 'on-air' facility are processed separately and the CD players see a unique processing for themselves.

Allied Broadcast Equipment supplied much of the telephone interfacing equipment, processing systems, cartridge and CD players for the station. With Jon Young's extensive inventory of equipment it was possible to experiment with different combinations of processing systems before deciding on the system best suited to the station's format. Allied was able to have equipment shipped direct to Victoria from the U.S. manufacturer on overnight courier and arranged for Customs clearance thereby eliminating any involvement by the customer.

With the exception of having a broadcast license at hand and all the plastic sleeves for the compact discs, Q100-FM was technically ready to begin programming at the end of November. But due to changes in the proposed and accepted authorized frequency and the transmitter site location, approval to begin transmitter testing did not take place until the second week in December.

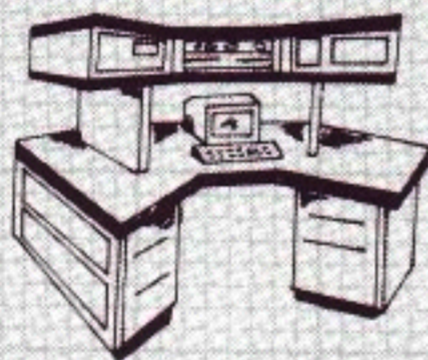
As this article was being written, Q100-FM had been operating for over two months. Coverage of the Greater Victoria area from the new transmitter site was very close to preliminary predictions and our mobile tests proved an exceptionally clear signal throughout Greater Victoria's difficult terrain. With the station's licensed power of 87kw E.R.P., the signal can be clearly heard in many parts of the B.C. mainland, and in many communities along the coast of Washington.

Bob Calder is a broadcast technical consultant specializing in radio station design and installation. He may be contacted at 3818 Cadboro Bay Road, Victoria, B.C., V8P 5E6, (604) 477-8885.

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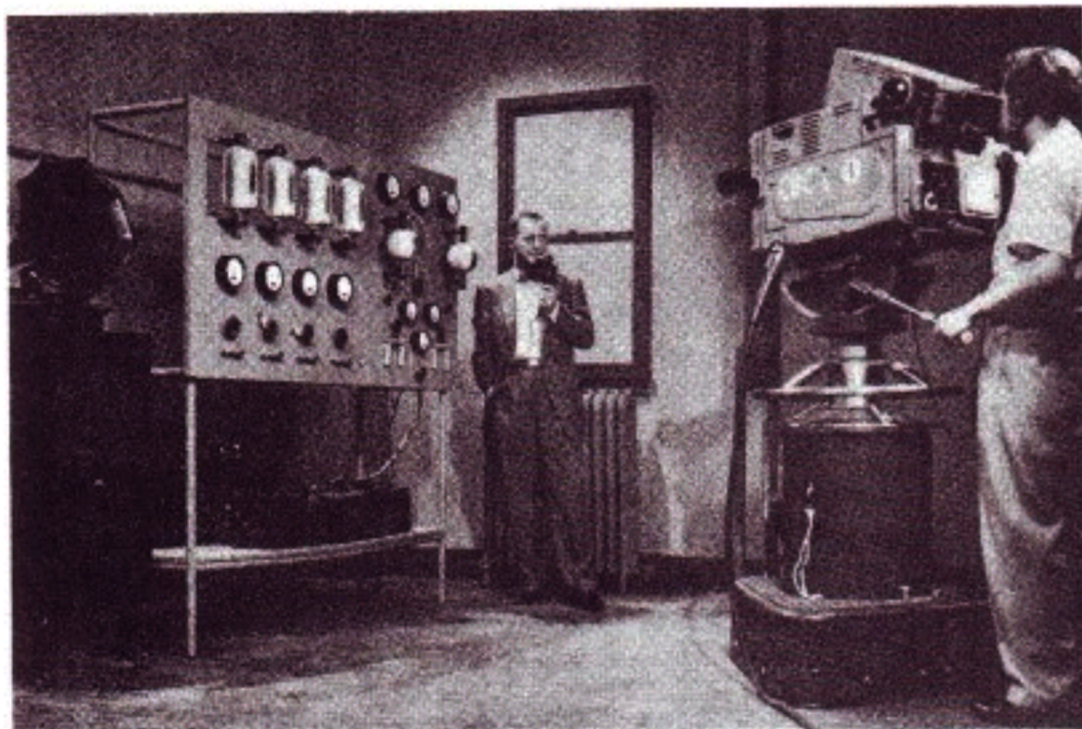
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Letters:

From **Joseph Sainton**, Principal Engineer of Continental Electronics: "This letter is to thank you for keeping me informed through *Broadcast Technology* over the years and to tell you that I'm retiring in April after more than thirty-five years at Continental. I'll never forget the friendships I've developed in the broadcasting community in Canada—which goes back to December of 1957 when **Bert Hooper** and I installed the first Continental 5 kW Screen Modulated Transmitter in Canada at CKRC Winnipeg. It's hard to mention the name Bert Hooper without being reminded of one of the many memorable events of that installation. Bert had a big husky Russian by the name of **Joe Gay** who helped him on maintenance and effortlessly lifted 200-lb. plate transformers into the transmitter. I said, 'Bert, this guy's as strong as an ox.' To which Bert replies, 'Oh, that's nothing, wait 'til you see him rolling around in the snow in his shirt sleeves wrestling with the bears that show up behind the transmitter building!'



When the microwave system opened across Canada, a special CBC broadcast included Bert Hooper and the original CKCK Regina transmitter. (From *Canadian Broadcaster*, Aug. 20/64.)

"In going through my files last week, I came across this page out of *Canadian Broadcaster* from August, 1964. I thought you might like to have it to keep in your 'memorabilia' file. It made good reading, not only because of the Hooper humor, but also for the nostalgic look back at the pleasant, easy-going 'way it used to be'. Bert died on June 24, 1981, in Winnipeg at age 80. Thanks again, and I wish you continued success with your wonderful magazine."

Thanks, Joe—this letter was sent to Doug, however you probably know I 'borrow' letters. We wish you every happiness in your retirement, and thanks for sharing some of your Canadian memories with us.

From Joe's enclosed article we learn that Bert started in broadcasting July 19, 1922, at CKCK Regina, and as of August, 1964 was chief engineer at CKRC Winnipeg. "In the interim he gathered lots of lore on prairie people and what makes them listen. Some of his anecdotes have valuable points that time buyers and program men will note, others are just plain funny. Hooper strings off names of men he believes made prairie radio what it is: Bill Grant, the Siftons, men like Horace Stovin, Vic Nielsen, Gordon Love, Lloyd Moffat, Harold Crittenden, Tiny Elphicke, Harold Carson, Dick Rice, and many many others. Bert keeps in touch with the old-timers... he and D.R.P. (Darby) Coates



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love to reminisce... Western audiences, though less isolated than they used to be, listen not for professional excellence as much as for personal good-neighborliness and public service. They don't like to be shouted at, they like to be chatted with, and if possible to participate."

As the saying goes "the more things change the more they stay the same."

Many of *Broadcast Technology's* friends in the industry retire each year, and we're happy to know they still read, enjoy and participate in BT. As a matter of fact, many of our retirees are as much involved in all aspects of Broadcasting after retiring as ever...

We have a special spot in our heart for our 'Texas' friends. They truly are a breed apart. (And I know two handsome guys named Dick, I'll have to explain that statement to!).

And another letter, this time to **Phil Stone**—and for the record, I've never 'borrowed' any of Phil's mail 'til now...

From **John Murphy**, a veteran announcer who's now doing the morning show on CFQX-FM Selkirk, Manitoba: "I've been reading your *Broadcast Beat* column since I first discovered *Broadcast Technology* about two years ago. It is without doubt the most interesting batch of trade news made available on a regular basis. Shucks! It's almost as good as *All Eyes And Ears* in the 'Tely' back when I used to be assigned to the nightly *Highlights From The Telegram* on CKLB Oshawa some thirty years ago." There's more of John's letter in Phil's column. However, John enclosed an article from his local newspaper which tells us: 'No one ever said being in the radio business was the easiest job in the world. But if you listen to John Murphy, he'll have you believing it's the funniest. John was the guest



Johnny Murphy

speaker at the Gladstone Chamber of Commerce annual meeting at the Elks Hall. He was supposed to talk about radio as a business and its future. To be sure, he did include a few serious comments on the state of the medium. But it was his tales of radio's early beginnings, and the small part he had to play in it, that had the audience, to borrow a cliché, 'rolling in the aisles'. John remembers his first job, in Cornwall, Ontario. It was a religious show and all he had to do was put on the record and be done with it. It seemed simple enough, so he and the controller decided to go for coffee. But when the controller slammed the door, it locked. Naturally, the keys to the booth were inside the room, and the inevitable happened—the record skipped. And thousand of listeners were woken up that morning with the fateful words, repeated over and over again: 'Jesus Christ, Jesus Christ'...

John also told his audience a story about one of his friends, **Reg McCausland**, 'who's now VP of Engineering for Colonial Broadcasting in St. John's Newfoundland.' Seems they were both at that time working at CKWS-TV in Kingston. And, no I'm not going to tell you *that* story—however, either John or Reg would be glad to. (Just for the record, Reg hasn't changed one bit over the years!)...

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Erin Davis and Rob Whitehead



Glen Barnett, centre, with Phil and Doug...

From CKO: "A new element to the August merger of CKO and Newsradio has been announced. The added merger of CKO's Toronto morning co-host, **Erin Davis**, and Newsradio's General Manager, **Rob Whitehead**, was brought about by marriage in Toronto on February 20th. CKO and Newsradio reports say, 'It was a helluva party'..." Congratulations, Erin and Rob.

Now back to **Phil Stone**, who recently told us: 'I always hold my wife's hand... otherwise she'll go shopping!' Not funny, Phil... Doug and I visited Phil and Mildred in Palm Desert this February, and it was really great. The weather, of course, was consistently sunny and warm, and the Stones sure know how to make guests feel at home.

A very special highlight of our trip was meeting Phil's very good friend, **Glen Barnett** of KWCY radio in Palm Springs. It's easy to see why Phil speaks so well of Glen—he's one super guy. Glen is of the 'old school' of station owners who knows how to operate and repair all the technical equipment at the station. KWCY's format of 'easy listening' is surely a winner, heard everywhere in the area, where it is number one in the ratings. The beautiful harp 'glisses' are a most impressive touch, and obviously Glen has perfected a format that his listeners love.

We were interviewed by **Alyce Walker** of 'Kwixy'. Alyce is the station's long-time interviewer and social commentator. And in Palm Springs, this is one very special job—for a very special lady. The walls of the studios are covered with photos of famous celebrities who have visited the station... Bob Hope, Frank Sinatra... and, of course, Doug and I (just kidding!)... Thanks for including us, Alyce.

It was truly a pleasure meeting both Glen Barnett and Alyce Walker, and visiting KWCY... As I prepare this, looking out at the snow still falling, Glen, I think I'd like to take you up on your job offer. Selling for a winner like KWCY and living in that beautiful tropical weather? Sounds just about perfect...!

From C-FAX in Victoria, BC: 'The Cooper Copper Caper: When **Mel Cooper**, President and GM of C-FAX Radio has a birthday, something unusual always happens. One year he arrived at work to find his office full of balloons. Another year the staff burst in on a morning Management Meeting with a cake and party hats. But on Mel's most recent birthday, the C-FAX staff topped all the surprises of the past. It started with what he was led to believe was a strategy meeting with an important client at a downtown hotel. Moments after the meeting began, 30 friends rushed in from the room next door—singing 'Happy Birthday'.



Alyce Walker prepares for her daily interview show on KWCY.

One more surprise was waiting at C-FAX. Shortly after he got back to his office, Mel was interrupted again, this time by six local police officers who handed him a citation ordering him to 'never exceed 55' (years or miles per hour). Then they too sang 'Happy Birthday.' All the officers were members of the Victoria Police Chorus—it was their way of saying 'thanks' for all the support received from C-FAX during the past year.' Happy Birthday Mel—and now if we can just find out what date



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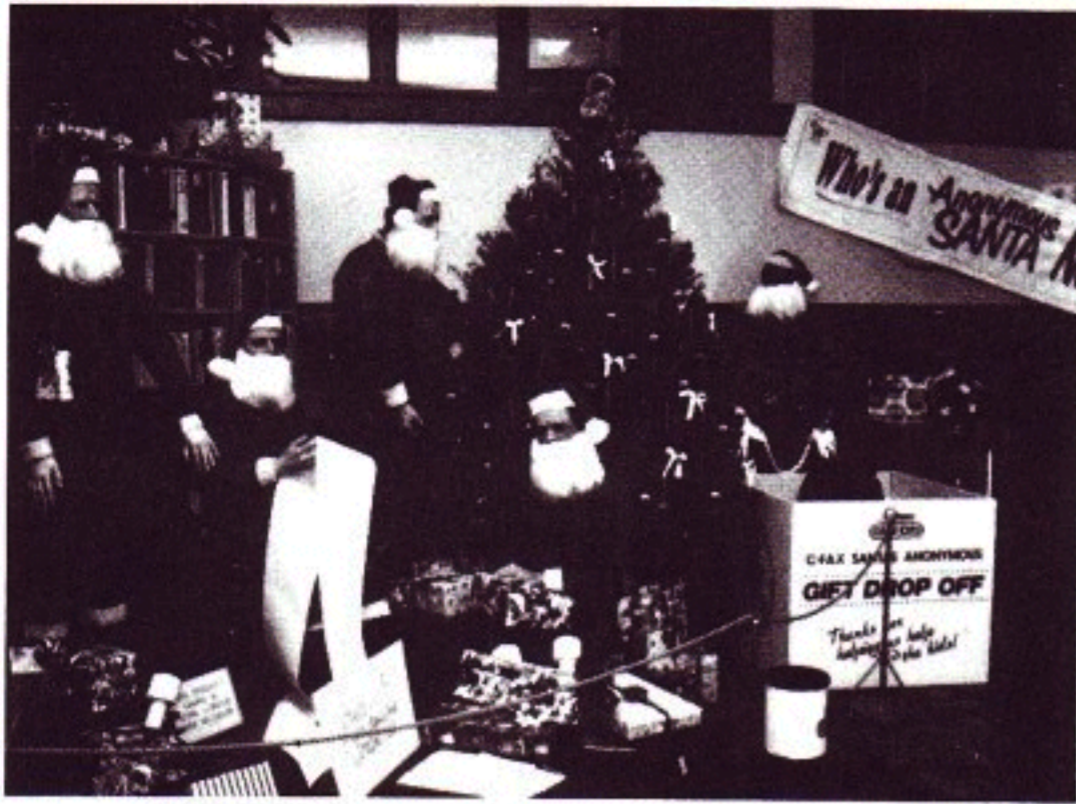
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C-FAX Christmas window was a traffic-stopper...



Victoria Police deliver 'citation' to Mel Cooper...

your birthday is, maybe next year you'll have some new surprises...

And another news release from C-FAX (better late than never): 'Wax dummies cause double-takes in C-FAX lobby: If people passing the C-FAX studios in downtown Victoria during the Christmas season did a double-take, it's understandable. The lobby of the station was filled with famous people... Paul Newman, Charles Bronson, Dan Blocker, and the two famous 'Dukes', Prince Phillip and John Wayne. They were dummies from the huge collection of famous people at Royal London Wax

Museum in Victoria, dressed in Santa costumes and white beards for the C-FAX Christmas display. Listeners had the opportunity to try to identify the figures for a chance to win a night on the town. Not only was it popular with visitors to C-FAX, it won the top prize in the annual Christmas decoration competition as the best Christmas display at any Victoria business.'

Thanks for sending these items along, C-FAX. Wherever Mel Cooper is, you can be sure there will be some unusual and winning promotions...

I'm in trouble again (still?— have a choice)... A call from our good friend **Don MacDonald** in Kitchener. Seems all those millions of photos from CAB/CCBE last issue showed only one person with a drink in his hand. And would you care to guess who hasn't had a drink since last August? Sorry Don, I didn't mean to get you in trouble... *this time!*

Jay Jackson of CJEZ is recovering well from his auto accident and to prove it, for his vacation in January, he went to and climbed Mount Everest. I kid you not—and he says he has a certificate to prove it. Jay insists it's not all that impressive, but I'm sure impressed...**David George** of Imagineering took a skiing holiday out West, just about Olympic time. Come on David, is it true you were a contestant?...

A new man in her life... **Maureen White** of Applied Electronics is the proud Mom of Matthew Harrison John, who made his appearance in February. Congratulations and all good wishes, Maureen...

Buyer's Guide: Equipment Dealers and Manufacturers— if you have not received your Buyer's Guide forms for 1988 by now, call me right away (416) 857-6076. Deadline is April 21st, so be sure you're included in Canada's only Broadcast Equipment Buyer's Guide. Consultants, make sure you're included, too...

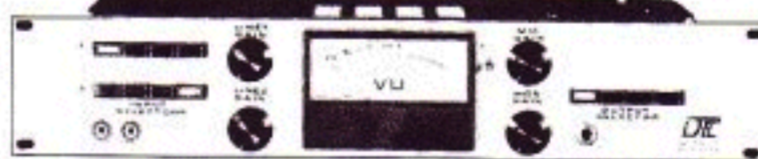
That's it for this issue. Keep all those letters coming... as you can see, it doesn't matter *who* you write to—I just 'borrow' everyone else's mail!...

Cheers,

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When the Flick of a Switch Spelled P-A-N-I-C ...

by Harvey Clarke

Anyone who has worked in broadcasting has stories to tell about two things: switches—and trying to keep things off the air that aren't supposed to be there, be they sounds or words.

As some readers are no doubt aware, I report on Haliburton news and happenings on the radio. These reports are always pre-recorded, and I think the only times I have gone live-to-air have been in connection with the tornado at Carnarvon and the fire on Highland Street a couple of years ago.

My very first experience with broadcasting was as a part-time operator at CKCR in Kitchener in 1944, when I was a member of the high school radio club. It really was a 'Mickey Mouse' operation.

There was a switch right up on top of the control board, much like a light switch. Only this one was the main connection to the transmitter. When it was turned off, there was an elaborate five-minute procedure needed to turn the thing on again without damaging expensive tubes out there.

Needless to say, the first evening I was 'in charge,' keeping a nervous eye on things during a CBC Dominion network feed, some turkey came in, leaned on the top of the control board, said "How are ya, buddy?"—and put us off the air. Instant panic!

I was in and around that station for four more years, but they never moved the switch. Whenever I heard patches of dead air, I knew what the problem was, even if most people didn't.

Of course switches would fail, as would microphones and audio meters, all of which would create panic situations.

Most stations had operators who played the records and the commercials for the announcers on music shows. These people were usually under the technical or engineering department. Often, they were given a little rudimentary training in how and why things worked, and then were put right on the job.

The late Pat Murray, who was probably better known in recent years for his work on CFTO-TV, was an announcer at CFPL in the '50s when I was around there. He would give the operators a baptism of fire by opening his switch and *looking* like he was talking into his mike—while no sound came out of his mouth.

There were a lot of other tricks designed to panic people on and off the air, all based on the fact that things were going on 'live' and could not be corrected.

Bud Davies, who is now operations manager of a Florida 'Music of your Life' station, told me of an incident many years ago when CKEY was a factor in the

Toronto market, and the studios were up on Davenport Road in the old Brading's Brewery building.

Bud was the morning man on CKLW in Windsor for many years, and came to Toronto when CKLW went rocking after the Detroit audience. He did the evening shift at 'EY for many years, and was credited with the fact that Toronto was the only major market where AM radio outrated FM in the evenings.

Bob Crabb did the evening news run then and for about 25 more years, and is even doing it yet. A true professional who survived all the changes in format and management by doing a good job and keeping his cool. It's a good thing he could keep his cool, with stunts like these—but let Bud tell the story:

"One evening I pre-recorded a commercial scheduled for the 11 pm news with Bob Crabb, I read the usual intro to the news and followed it with the commercial.

"Unbeknownst to Bob, the engineer was playing the taped commercial and as I read a few lines (into a dead mike) I started to fluff the spot... so badly, I said "Hell, I can't read this shit.. I'm leaving."

"I walked out of the studio leaving Bob with his mouth gaping as wide as a football field. Within a matter of seconds, he had to read the news, taking his cue from David Craig, the engineer.

"We were on the floor from laughter. I don't think Bob ever really forgave me for that performance. I shudder to think what would have happened if Dave had forgotten to kill my mike.

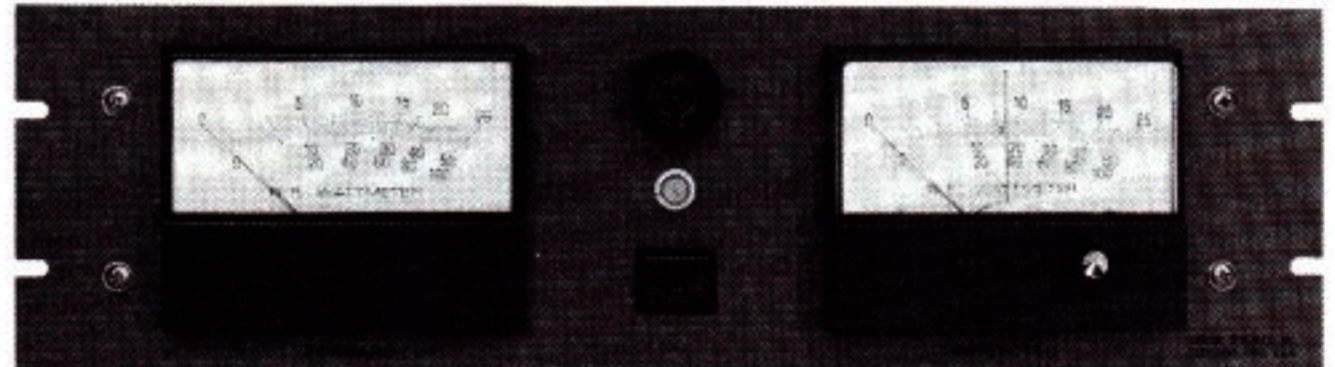
"My career in Toronto radio—or anywhere else that for that matter—would have been curtains."

I see pictures of new studios where all the music and commercials are controlled by the solitary announcer from his studio with a 'joystick,' somewhat like those used to play video games.

I guess it's still radio, but I don't think it will ever be as interesting—or as much fun—as when they had switches.

Harvey Clarke is a former VP of advertising and research at CKEY Toronto. Now located in Haliburton, Ontario, he is president of ADMARCOMM (advertising, marketing and communications) and is also a freelance writer and commentator.

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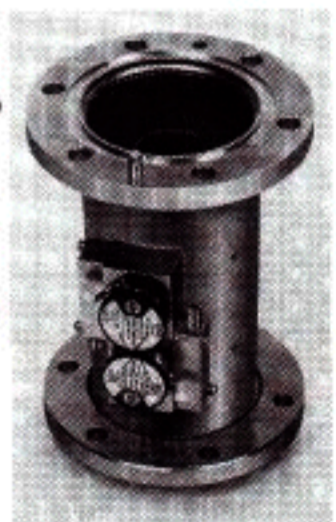
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people in the news

• **Acrian, Inc.—Dale W. Matteson** has been appointed to the newly-created position of general manager of the California-based company's solar division.

• **Broadcast News Ltd.—Moira Rosser** has been appointed Account Executive-Cable Services of the company. She had previously held responsibility for client liaison, contract renewals and promotions at BN.

• **CBC—Marie-P. Poulin** has been appointed secretary-general of the corporation and to its board of directors, effective March 1.

• **Cancom—Sheelagh Whittaker**, who recently completed a two-year contract as vice-president of planning for CBC, is new chief financial officer. She replaces **Gary Kain**, who has been seconded to C1 Cable Systems Inc. of Toronto. Mr. Kain is slated to become Cancom's executive vice-president and chief operating officer on his return to the company.

• **CJWW Saskatoon—Dennis Corrie** has been appointed general sales manager.

• **COGECO Inc.—Louis V. Audet** has been appointed president and chief operating officer of the company. Prior to joining COGECO he held a number of management positions at Bell Canada and with a major cable television company in Montreal.

• **Continental Electronics—Walter Rice** named director of domestic sales responsible for the company's marketing and sales efforts in the U.S. and Canada. He replaces **Vernon Collins**, long-time sales and marketing vice-president who has retired after 30 years with the company.

• **Cubicomp Corp.—Paul F. Wagschal** has been appointed corporate vice-president of the manufacturer of 3-D computer graphics systems and video animation products. He will also function as vice-president and general manager of the company's Canadian subsidiary, Cubicomp Canada Ltd. In another move, **Terry A. Edwards** was named international sales manager for the company, based at its Hayward, California, headquarters.

• **EECO/Convergence—Robert Switzer** has been appointed national sales manager

of the California-based company, responsible for sales development and support for its post-production editing systems and videodisc products.

• **EV Canada Ltd.—Doug MacCallum** has been named general manager of EV Canada, Ltd. The five-year veteran with Electro-Voice had been national sales manager after holding various sales/marketing positions with the company.

• **Newsradio—Kim Blue** has been appointed president and general manager, replacing **Taylor Parnaby**. Mr. Blue was general manager of CKO Inc., Alberta prior to his appointment. CKO Incorporated is the parent company of Newsradio.

• **Radio-Canada—Huguette Marcotte** has been appointed general manager, marketing and sales, and a member of Radio-Canada French Television's executive committee.

• **Rogers Cable TV—Rudi Engel** has been named vice-president and general manager of Rogers Cable TV, Toronto. He moves to his new position from the Rogers operation in Portland, Ore. **BT**

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