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Broadcasting Programme to Feature Diamond Jubilee

Carrillon Selections and Numbers by Famous Canadian Artists to be Broadcast from Ottawa. Tests of "Tie-in" Have Been Successful. Big Feature for To-morrow for Radio Fans.

Radio fans and their friends will be specially interested in the broadcasting programme from Ottawa on the evening of July 1st in connection with the Diamond Jubilee Celebration. There will be general effort in this North Land to secure good reception of this programme.

Tests have been carried on during the past week or ten days, and it is now established that the plans are successful. The Broadcasting Committee have taken as their motto:—"We'll tell the world."

The objective of this ambitious network of radio communication is that the sound of the carillon in the Peace Tower, of the speeches delivered, and the songs sung shall be heard through the local broadcasting stations twenty in number as plainly at Halifax and Vancouver as it will be at the Central broadcasting point at Ottawa. It is also the objective of the scheme that the programme will be heard overseas over high-power, short-wave transmission from the Canadian Marconi Beam station at Drummondville, Que. The actual transmitter which will be used will be the one which is being installed to communicate with Australia. The Beam attachment will not be used, so that the broadcast, instead of being concentrated in the direction of Australia will be heard in all directions. The wave length used will be 26.18 meters.

The connecting up of the local stations has involved setting up and the

linking up of telephone lines from coast to coast. No individual telephone company operates clean through, and in fact on such lengthy sections as those between Levis and Moncton, Sudbury and Winnipeg, and Calgary and Kamloops no telephone lines at all exist. The first-named space will be covered through the medium of the Canadian National telegraphs, and the two latter through the medium of the Canadian Pacific.

The Broadcasting Committee reports that it has, in its ambitious project, secured the most willing co-operation from all telegraph and telephone companies interested, and that every facility in the way of plants, lines and personnel has been placed at its disposal. In addition to the two railway companies there have co-operated in the scheme the Maritime Telephone Company of Nova Scotia, the New Brunswick Telephone Company, the Bell Telephone Company, the Manitoba Telephone Commission, the Saskatchewan Provincial Telephones, the B.C. Telephone Commission and La Cie de Telephones Nationale, of Quebec.

The control lines will consist chiefly of telegraph circuits from coast to coast, and will be supplied by the two great railway companies. All lines used are, of course, commercial lines, and it is not possible to obtain full use of them for testing purposes. The programme of tests whereby the circuit will be built up in all directions

from Ottawa has, however, been entirely arranged. During Sunday's test it was found that the quality of the voice heard as far west as Winnipeg was excellent. Through this test the broadcasting stations in the provinces of Quebec, Ontario and Manitoba were successfully tied in. The engineers are now engaged on the next extension, which will be from Levis to Moncton, thence east, and from Winnipeg to Calgary, and Edmonton—thence west. This work is now on, and it is expected that experts will be in a position to make further tests by the end of the present week. In the event of these tests proving successful, and it being found practicable to equalize the lines for broadcast transmission, the next test was made on Sunday, June 26th, when the main line was established from Calgary to Vancouver, over the C.P.R. and B.C. Telephone lines and the Northern standby circuit from Winnipeg via Wainwright through Edmonton was extended to Vancouver, over C.P.R. lines. On the eastern lines the system over the National Railways, and the system was extended from Moncton over the National Railways, and the Maritime lines to Halifax and the Atlantic.

This is the first time that an attempt has been made in Canada to establish a net-work of radio from east to west.

A total of 150 employees will be in charge of the supervision from coast to coast. Twenty broadcasting stations are involved, with the centre at Ottawa. There will be 21,650 miles of line, and fifty-three repeaters will be in use along the way. These are designed to amplify the sounds at approximately 200 miles distances.

No distinction is being made between stations which exist in various cities, share the same wave length. The broadcast will be called a "joint broadcast" of all the various stations without mention of names. The final objective of the committee is to broadcast through stations as follows:—

Halifax, N.S., Moncton, N.B., Quebec (High Power), Ottawa, Toronto, Aurora, London, Winnipeg, Regina, Moose Jaw, Saskatoon, Calgary, Red Deer, Edmonton, Vancouver, New Westminster and Victoria. The east will broadcast on a regular wave length.

The broadcast will consist of the inauguration ceremonies of Confederation held on Parliament Hill on July 1st, 11 a.m., Eastern Standard time, when there will be a fifteen minute programme on the carillon of the Peace Tower, brief speeches, and the playing of massed bands, concluded by the singing of O Canada. At 2 o'clock (Eastern Standard Time) the official programme will be broadcast. But the real programme so far as the broadcasting is concerned will commence at 9.30 (Eastern Standard Time). It will be delivered from a studio in the Parliament Buildings, and it is expected will be heard just as plainly in Victoria or Halifax as it will be, either over the public address system, or on local radio receivers at the Capital. It is anticipated that the programme in the evening will continue well into the morning of the second of July.

Three million dollars worth of equipment, lines and apparatus are being utilized for the programme above set forth.

The Chairman of the Broadcasting Committee is Mr. Thomas Ahearn, internationally famous in electrical and radio circles.

The control room at the House of Commons, which will pick up the programme from the different points, will be under the charge of Mr. J. McMurtrie, Manager of the CNRO and Mr. Detler, Bell engineer, will be in charge of the Queen Exchange, which will take the programmes from the control room in the Parliament Buildings and put same on the different circuits of the network.

The Public Address system will be under the charge of Paul Demers of the Northern Electric, and the whole of the organization at Ottawa on the day of the broadcast will be under the

TRAILS SUGGESTED TO STATIONS NEAR HIGHWAY

Anything that will make the North Land highway more convenient and acceptable to tourists and others is a matter worthy of consideration. Accordingly the proposal that trails be cut from the highway to the T. & N.O. stations nearby, so that if a motorist meets with a mishap he can get to the telephone and telegraph, is deserving of some special attention. In a discussion of the new highway The New Liskeard Speaker makes this suggestion. The following is the front page editorial from The Speaker last week:

"The Speaker has several times suggested that the Government should reserve land on each side of the Government Trunk Road for a game preserve. We are glad to notice that the Crown has made a reservation of one mile on each side of the trunk road from Widdifield to Latchford, and although it is not called a game preserve, it is likely that it will in the end be a game preserve. In any event we are glad the reservation has been made and that signs and signboards may not be erected along the roadway. If one town should put up signs other towns would do so and the tourists who would come here to get into the primeval forest would have the pleasure of their trips spoiled.

"However, we think it would be a good idea for the Government to cut trails from the trunk road to the railway stations all along the line, and put up a sign reading: "This trail leads to... station on the T. & N.O. Ry." If this were done then if an automobile driver had a mishap he could go to the telegraph or telephone office and send for help.

"There has been talk about the Government building stopping-places where tourists might get assistance when in trouble, but our suggestion if carried out, would obviate the need for the erection of Government buildings; and for that matter there are plenty of people who would erect stopping places and take chances of being at loss, so it were better for the Government to keep out of a business matter which the people think ought to belong to them."

control of C. P. Edwards, Director of Radio, Maritime Department.

PROGRAMME, FRIDAY, JULY 1st, 1927.

Confederation Diamond Jubilee Broadcast.

CNRO (435.5 Metres, Ottawa Ont. 10.30 p.m. (E.D.S.T.))

Carillon Selection—The Carillon in the Victory Tower of the Dominion Parliament Buildings will broadcast a selection of Canadian airs Carillon, Mr. Percival Price.

Address—His Excellency, The Governor General.

Dramatic Reading—A Canadian Ode—Margaret Anglin.

Vocal—Eva Gauthier in a selection of French-Canadian airs, including "A Claire Fontaine" and the better known folk songs.

Address—Rt. Hon. W. L. Mackenzie King, Prime Minister of Canada.

Instrumental—The Hart House String Quartet—(1) Slow Movement from the quartet in C minor by Ernest MacMillan, "Lento ma non troppo." (2) Transcription of the French-Canadian folk song, "Dans Paris y-a-t-tune brune." Leo Smith (3) Sketch on the French Canadian folk song "A Saint Malo," by Ernest MacMillan.

Address—Hon. Hugh Guthrie, leader of His Majesty's Loyal Opposition.

Vocal—Allan McQuhae—"Onaway Awake," "Homing," "Believe Me if all those Endearing Young Charms."

Address—Honourable Senator Raoul Dandurand.

Vocal—Bytown Quartet—"Youp, Youp—Sur la Riviere," "En Roulant Ma Boule," "Allouette."

Finale—The Orchestra—"O Canada," "God Save the King."

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