



CABINET DU
MINISTRE DES TRANSPORTS
OTTAWA, CANADA

le 25 février 1944.

Cher monsieur,

Je reçois un mémoire dont je vous
inclus copie et qui s'explique de lui-même.

Il est possible que monsieur Bain
vous ait communiqué les mêmes renseignements. Toute-
fois, au cas où il ne l'aurait pas fait, je suis
certain que vous serez heureux d'apprendre que vos
représentations ont été autant que possible favora-
blement accueillies.

Je vous prie de me croire,

Pièce
annexée

Votre tout dévoué,

Monsieur l'Abbé Maurice Baudoux, Ptre, Curé,
Prud'homme,
Saskatchewan.

REPORT TO DEPUTY MINISTER:

RE: French Language Stations for the Prairie Provinces.

The Reverend Maurice Baudoux of Prud'homme, Saskatchewan, representing the French language groups of Alberta, Saskatchewan and Manitoba has filed applications for four stations of 1000 watts power to serve the French speaking groups located in the Edmonton, Prince Albert, Gravelbourg and St. Boniface areas.

Each station to be owned and operated by a different company to be incorporated under the laws of the respective provinces.

The populations in the four different groups and the radius within which they are distributed are as follows:-

Edmonton	-	38,000 pop.	100 miles rad.		
Prince Albert	-	28,000 "	75 "	"	"
Gravelbourg	-	22,000 "	80 "	"	"
St. Boniface	-	40,000 "	50 "	"	"

A total of approximately 130,000 people. These figures are based on the last census.

A study of the frequency spectrum was made and the following channels were found available:-

St. Boniface	-	1250 Kc.
Edmonton	-	1590 Kc.
Prince Albert	-	1570 Kc.
Gravelbourg	-	940 Kc. or 1280 Kc.

Three of these frequencies are available for non-directional operations with 1000 watts namely 1250, 1590, and 1570 Kc.

940 Kc. may be operated non-directional until such time as CBM Montreal increases power to 50Kw. If and when this takes place, a directional antenna will be required for night use.

1280 Kc. required a directional antenna for night operation.

The day coverage of these stations with 1000 watts powers and the frequencies indicated above would be as follows:-

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St. Boniface	radius	50 miles	pop.	40,000
Edmonton	"	40	"	12,000
Gravelbourg	"	80	"	22,000
Prince Albert	"	50	"	12,000
Total	-			<u>86,000</u>

It was explained to Mr. Baudoux that the night time coverage radius would be much less on account of interference from the co-channel stations.

If and when the maximum power of privately owned stations is raised to 5000 watts, the coverage of these four stations would include most of the French speaking people in the respective areas. Directional antennas would then be required at all four stations and this was explained to Mr. Baudoux.

The capital cost of the four 1000 watt stations would be approximately 140,000 dollars. It is proposed to finance the project through the subscription by the French language groups themselves of a sum of \$250,000 thus leaving \$110,000 as a working capital.

The compact population groups involved make this a legitimate undertaking in conformity with the policy of the C.B.C. It is practicable both technically and economically.

The four applications have been placed on the Agenda for the next meeting of the Joint Technical Committee.

Respectfully submitted,

(Sgd) J.W. Bain
Sr. Radio Engineer.

Ottawa, Ontario,
February 22, 1944.
JWB/VL