

UNITED STATES DEPARTMENT OF COMMERCE  
NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION  
WASHINGTON, D.C. 20230

March 20, 1986

Mr. R.W. Jones  
Director General  
Radio Regulatory Branch  
Department of Communications  
Journal North Building  
300 Slater Street  
Ottawa, Ontario  
K1A 0C8

Dear Mr. Jones:

This is in response to your letter dated February 24, 1986, File Nos. 6110-1 and 6110-8, requesting the use of 420-421 MHz to extend mobile telephone service in the Yukon and Northwest Territories.

We agree in principle with the understanding that the usual technical information for coordination will be provided to us and that this agreement is not setting a precedent for any other use of the 420-421 MHz sub-band for Fixed and Mobile Services in the Yukon territory.

Any conditions which may be necessary in order to protect U.S. radiolocation operations in Alaska will be provided at the time of formal coordination.

Anthony M. Corrado  
Chairman, Frequency Assignment  
Subcommittee

Journal North Building  
300 Slater Street  
Ottawa, Ontario  
K1A 0C8

6110-1  
6110-8

February 24, 1986

Mr. Anthony M. Corrado  
Chairman, Frequency Assignment Sub-Committee  
National Telecommunications and Information  
Administration  
14th Street and Pennsylvania Avenue  
Washington, D.C.  
20230

Dear Mr. Corrado:

I refer to the arrangement between the Department of Communications and the National Telecommunications and Information Administration and the Federal Communications Commission concerning the use of the 406.1-430 MHz band in the Canada/United States border areas.

In consideration of paragraph 2.3 of the referenced agreement, I wish to seek your approval in principle, on a special case basis, to use a portion of the 420-421 MHz sub-band, as a minimum eight signalling channels, in order to extend mobile telephone service to certain areas of the Yukon and Northwest Territories.

The sub-band 420-421 MHz (base transmit) paired with 409-410 MHz (mobile transmit) is used to provide province-wide mobile telephone service in Alberta and British Columbia. Unfortunately, due to the requirement for operational compatibility with the existing system in Alberta and British Columbia, this is the only band which can be used at this time to provide the desired service.

In order to assist with your assessment of this proposal, attached please find a listing of the proposed base station locations. Your assessment should be based on an effective radiated power of 200 watts and the use of omni-directional antennas. Of course, the usual technical information for formal coordination will be provided to you later subject to receipt of your agreement in principle.

In keeping with the spirit of the referenced bilateral agreement and Annex A thereof, and, provision No. 8 of the Exchange of Notes (October 24, 1962) of the above 30 MHz agreement, this proposal is being submitted solely on its merits and it is not intended as a precedent for any other use of the 420-421 MHz sub-band for Fixed and Mobile Services in the Yukon territory. Noting the particular circumstances involved, we would be prepared to consider any condition which may be necessary in order to protect your radiolocation operations in the State of Alaska.

Since there is some urgency associated with this proposal, I look forward to receiving your response at an early date.

Yours truly,

R.W. Jones  
Director General  
Radio Regulatory Branch

Att.  
c.c. DTS

# ANNEX

LOCATION	LATITUDE	LONGITUDE	GROUND ELEVATION IN FEET	ANTENNA ABOVE GROUND IN FEET
1) Mount Dave	62 35 40	140 55 36	3006	75
2) Horsocamp Hill	62 03 03	140 35 17	4571	60
3) Donjek	61 37 54	139 40 06	2814	360
4) Burwash	61 19 15	138 57 29	2835	270
5) Boutellier	60 59 55	138 15 48	3372	150
6) Paint Mountain	60 49 39	137 50 13	4533	60
7) Champagne	60 47 19	136 28 09	2438	160
8) Berdoe	62 01 18	136 13 27	3500	275
9) Minto	62 34 39	136 47 27	2600	170
10) Ferry	63 24 51	136 40 50	4089	310
11) Solomon	63 52 05	138 57 05	4040	70
12) Dawson City	64 03 55	139 23 31	2620	50
13) Mickey	64 16 17	140 23 27	4020	60
14) Eagle Plains	66 26 00	136 46 00	1520	100
15) Rat Pass	67 11 00	136 15 26	5200	60
16) Old Crow	67 35 56	139 55 23	2740	60