

APPENDIX J

Marine and Terrestrial Transportation/Communications Corridor Alternative Route Assessment

Applicants wishing to develop a transportation and/or communications corridor in the North Baffin region are required to provide the NPC with the following information:

1. A description of the proposed corridor, including its use, its general routing, the possible environmental and social impacts, and any seasonal considerations that may be appropriate.
2. A comparison of the proposed route with alternative routes in terms of environmental and social factors as well as technical and cost considerations.
3. An assessment of the suitability of the corridor for the inclusion of other possible communication and transportation initiatives (roads, transmission lines, pipelines, etc.). This assessment should include:
 - the environmental, social and terrain engineering consequences, and the cumulative impacts of the project, and
 - the environmental and social impact of the project on nearby settlements or on nearby existing and proposed transportation systems.

Marine and Terrestrial Transportation/Communications Corridor Guidelines

The following planning guidelines will be used in the assessment of a new transportation / communications corridor proposal:

1. The corridor width shall be a function of:
 - the number and type of identified facilities within the corridor;
 - physical and biophysical conditions;
 - availability of detailed engineering data for one or more transportation modes within the corridor;
 - safe distances between different facilities within the corridor; and
 - aesthetics.
2. Corridors shall:
 - minimize negative impacts on community lifestyles;
 - improve access to other resources having high potential for development, while still maintaining the shortest practicable distance between the primary resource areas and the trans-shipment location;
- be designed in accordance with existing and prospective land use capability including topography, soil, permafrost and wildlife; and
- be designed in accordance with the availability of granular supplies.
3. In keeping with existing legal and legislative requirements, including the NLCA, corridors shall not negatively impact:
 - community business, residential and projected expansion areas;
 - important fish and wildlife harvesting areas;
 - key habitat for fish and wildlife species, especially areas used by endangered species;
 - areas of high scenic, historic, cultural and archaeological value.