

S 87-3-1A pt. 10

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT  
MINISTÈRE DES AFFAIRES INDIENNES ET DU NORD CANADIEN

**6/8/71**  
**BE ON**  
**FOR RECORDS**  
**RETIREMENT PROGRAM**

For Instructions Re Use of File Cover See Back Cover  
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FILE NO.

IAND 20-109 (6-68) 7690-21-0233-9349

FROM - DE:

FILE NUMBER - DOSSIER N°

S 87-3-1A

SUBJECT - SUJET

Advisory Committee on Northern Development  
Agenda and Minutes of Meeting

VOL. No. - VOL. N°

10

TO - À **6/71**

FROM - DE

8/70

Reference - Renvoi

Action Taken - Mesures prises

Referred To Destinataire	Purpose - Objet	Date	Initials Initiales	P.A. Date or T. Date de range- ment ou de trans- mission	B.F. Date Date de rappel	Initials Initiales	Registry Inspection Examen du service des Archives
<i>Mr. Rowley</i>	<i>1/2/71 # 35 B.F</i>	<i>12/3/71</i>	<i>me</i>	<i>12/71</i>		<i>gm</i>	<i>12/3</i>
<b>CLOSED</b>							
<b>CLOSED</b>							

SUBJECT - SUJET:

RELATED FILES are listed inside file cover - DOSSIERS CONNEXES énumérés à l'intérieur

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- 3 – Shows the date on which the file is routed to the user.
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**VOLUME**



**VOLUME**  
**COMPLET**

DATED FROM  
À COMPTER DU

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TO  
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6/71

**AFFIX TO TOP OF FILE — À METTRE SUR LE DOSSIER**

**DO NOT ADD ANY MORE PAPERS — NE PAS AJOUTER DE DOCUMENTS**

**FOR SUBSEQUENT CORRESPONDENCE SEE — POUR CORRESPONDANCE ULTÉRIEURE VOIR**

FILE NO. — DOSSIER N°

VOLUME

Advisory Committee  
on Northern Development



Comité consultatif de la mise  
en valeur du Nord canadien

CO-ORDINATING COMMITTEE

Minutes of the Second Half of the Ninth  
meeting of the Co-ordinating Committee  
of the Advisory Committee on Northern  
Development held on Wednesday, June 16,  
1971 at 2:00 p.m. at 400 Laurier Avenue  
West, Ottawa

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PRESENT:

Mr. A.D. Hunt, Department of Indian Affairs and  
Northern Development (Chairman)

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Dr. T.H. Anstey, Department of Agriculture  
Mr. G.S. Barry, Department of Energy, Mines and Resources  
Mr. P.A. Bélanger, Department of National Health and Welfare  
Mr. I.E. Bennett, Department of Finance  
Mr. C.B. Crawford, National Research Council  
Mr. C.J. Daly, Ministry of Transport  
Mr. D.B. Dwyer, Department of National Defence  
Mr. H.A. Foster, Department of Supply and Services  
Mr. T. Harwood, Defence Research Board  
Mr. C.P. Hughes, Department of Communications  
Mr. E.M. Hutchinson, Department of Manpower & Immigration  
Supt. K.J. Parkins, Royal Canadian Mounted Police  
Mr. N. Préfontaine, Privy Council Office  
Mr. R. Rabinovitch, Privy Council Office  
Mr. I.J. Strong, Department of Energy, Mines and Resources  
Col. W.B.S. Sutherland, Department of National Defence  
L/Cdr. A.D. Taylor, Department of National Defence  
Mr. A.H. Todd, Northern Canada Power Commission  
Mr. H. Walker, C.B.C. Northern Service  
Mr. E.B. Wang, Department of External Affairs  
Mr. K. White, Department of Manpower & Immigration  
Mr. N.A. Wiksten, Department of Regional Economic Expansion

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Mr. L.A.C.O. Hunt, Department of Indian Affairs and  
Northern Development (Secretary)

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LSO PRESENT:

Mr. T.D. Conway )  
Mr. D.A. Davidson )  
Mr. P.G. Gorlick )  
Mr. C.C. Hitsman )  
Mr. W.D. Mills )  
Mr. J.A. Munro )  
Mr. A.J. Reeve )  
Mr. G.W. Rowley )  
Mr. A. Stevenson )  
Mr. G.L. Thompson )  
Mr. E.R. Weick )

Department of Indian Affairs  
and Northern Development

Business arising from  
Previous Meeting - Proposal for an Archaeological Inventory

Mr. Rowley presented the terms of reference of the proposed interdepartmental committee as follows:-

1. To review the current situation with respect to the protection of archaeological resources.
2. To consider how the effects of future development might be anticipated.
3. To recommend the steps that should be taken by the federal government
  - (a) to minimize damage to sites of archaeological value in the north and on federal land throughout Canada;
  - (b) to ensure that archaeological sites, that will be destroyed or damaged by development or natural causes, are adequately excavated and recorded.

The following membership was proposed:

Department of the Secretary of State (National Museums)  
Department of Public Works  
Department of Energy, Mines and Resources  
Department of the Environment  
Department of National Defence  
Department of Indian Affairs and Northern Development

The Committee approved the terms of reference and the membership with the proviso that if required additional members may be added.

## II Employment of Northern Residents

- (a) progress report Document XND-61
- (b) proposal of the N.W.T. Government

Mr. Davidson spoke about the progress to date and from compilation of statistics indicated that as of June 15, 1971 there were 46.2% of all federal and territorial positions occupied by "northern residents", that is those persons who have lived in the territories for 5 years or more. Having completed the first phase, i.e. to identify all positions in the territories by category and location and to determine vacancies, he now proposed to start on phase II which would take the form of departmental discussions to determine how the indigenous population can be trained and placed into northern positions. He then briefly outlined the proposals as indicated in the Government of the N.W.T. paper which he felt required considerable review preferably by a small select group.

It was pointed out in the ensuing discussion that there were certain statutory priorities, and while the exercise is to encourage greater employment of indigenous persons, nevertheless one could not ignore existing legislation, including the Civil Service Act and the provisions concerning residency, etc.

Mr. Norbert Préfontaine speaking for the Social Policies Division of the Privy Council Office, stated that he would have strong reservations about enlarging the Unemployment Insurance Act to include hunters and trappers etc. He believed there was much clarification needed in reviewing the proposals from the N.W.T. Government. Manpower and Immigration stated that it would adapt its training schemes to the needs of the northern peoples.

The Chairman stated the objectives were to increase the employment opportunities to the indigenous population. The present 5 year definition was meaningless in terms of employing natives. It might be necessary to utilize some ethnic classification and to strike a lower percentage than the off quoted 75% in order to rationalize the numbers of indigenous population in government jobs.

The Chairman went on to discuss the idea of a sub-objective to consider how to bring more native people into the labour force. Training positions should be established by each department, and he pointed out that as development in the north increased, so would government services. Some members believed that the original percentage set in 1966 of 75% was unrealistic, but as the Chairman pointed out, this percentage figure has now been used by Ministers in speeches and it would now be difficult if not impossible to eliminate it, and therefore sub-objectives by department within the overall 75% may be the best method in the long term. Inasmuch as the paper prepared by the Government of the N.W.T., since it contained many new ideas, he proposed a small sub-committee under the chairmanship of Mr. D. Davidson which would study the paper in depth and report back to the Committee.

The Committee approved the establishment of a small sub-committee, and also approved that its members should include the following departments and agencies: Manpower and Immigration; Unemployment Insurance; Dominion Bureau of Statistics; Territorial Government of the N.W.T.

Mr. Norbert Préfontaine had some reservations about choosing a chairman from the initiating department in principle, although his objections were not to be considered as applying to this sub-committee.

### III The Canadian Northern Pipeline Research Conference Document XND-66

Mr. Crawford explained the progress to date and outlined the plans.

The Chairman referred to the Northern Oil Task Force which was chaired by the Deputy Minister of Energy, Mines and Resources and its raison d'être and relationship to the projected conference. He stated that the Task Force had been approached by N.R.C. to co-sponsor the conference, but for special reasons had recommended that N.R.C. pursue this alone. However, the Task Force would cooperate in every way, and had suggested that a representative from the Social and Environmental Sub-Committee be made available to provide information to the conference organizers on the kind of research now being carried out. In reply to a question by Dr. Anstey, the information to be supplied will include all research in this field actually completed to date.

The Secretary was instructed to circulate all information on this conference to the Chairman, Sub-Committee of Science and Technology.

The Chairman thought the Task Force could be more helpful in a passive way than by active participation with the conference organizers.

Mr. Strong indicated that National Energy Board has agreed to co-sponsor the conference. On a question concerning the part industry would play, Mr. Crawford indicated that originally there were difficulties with industry, they were suspicious about the government's intentions, but the situation was now reversed, and industry now had representation on the committees. With respect to the proposed conference, the response from industry was good.

Mr. Harwood stated that the committee had to exercise caution about discussing matters which were regulatory with industry. However, the research aspect was important, even to the extent of knowing what universities were doing and how much money was being spent.

The Chairman indicated that a program director would be appointed to the Social and Environmental Sub-Committee who could work with the conference organizers.

#### IV Canadian Broadcasting Corporation Document XND-64

Mr. Walker stated that the document and its annexes was a follow-up to the C.B.C. paper presented to the Government by Mr. Davidson on May 4. As much as the C.B.C. would like to respond to all the criticisms, the inhibiting factor was money. He hoped that government departments would take a keen interest in an increased service in the north.

The Chairman spoke about a paper on northern strategy which was in course of preparation and from which the priorities could be assessed. He spoke also about the philosophy behind the paper and the emphasis on the development of people. The trend now is

to strike a balance between the needs of the people and protection of the environment, while at the same time progress is made on resource development. Departments and agencies will be required to identify funds to be spent in the north.

The Committee noted the paper and recommended that it be forwarded to the Sub-Committee on Northern Communications for further study.

V DEWLine  
(Document XND-67)

Col. Sutherland spoke of the need to have a contingency plan even though we now had assurance that the DEWLine will be maintained in its present form until 1975.

There was some discussion with respect to certain sites, and the gradual takeover of some of the airstrips, and what, if any, certain sites could be phased out.

The Chairman stated that the need to prepare such a contingency plan even though the date of phase out was unknown was sensible.

Mr. Wang thought that the working group must address itself to what the Canadian interest would be in taking over existing facilities and to add this to the terms of reference as proposed.

The Committee agreed to the establishment of a working group, preferably under the chairmanship of Dr. How of M.O.T. Ministry of Transport would later confirm to the Secretary whether Dr. How could be made available. The following terms of reference for the working group were approved:

- (a) To inventory the facilities that are or will be available;
- (b) To assess the requirements of the departments that may be concerned with continued operation;
- (c) To determine the responsibilities for continued operation, in the event the U.S. ceases to fund the operation of the stations; and
- (d) To determine which facilities should be brought under Canadian jurisdiction and under what terms and conditions.

With respect to membership on the working group, the following departments indicated their interest:

Ministry of Transport  
Department of Manpower and Immigration  
Department of Energy, Mines and Resources  
Treasury Board  
Department of Indian Affairs and Northern Development  
Department of Communications - suggested two members,  
one from the operations side and one from the  
administrative side.

Department of the Environment  
Department of National Defence - indicated a decreasing  
interest, but would participate if required.

VI The following items were deferred from the previous meeting:

- (a) Boreal Institute  
Document XND-56

The Chairman gave a resumé of the proposal, and suggested that any department or agency willing to follow through specifically could obtain additional details from the Secretary.

- (b) Development of C.F.S. Alert  
Document XND-57

Col. Sutherland indicated that the time frame as shown in the paper has now been revamped. The total cost of the project had risen to \$6 million.

- (c) Association of Universities and  
Colleges of Canada  
Document XND-62

Mr. Davidson spoke on this matter and pointed out that the views of the two Territorial Governments were being sought before a satisfactory reply can be given.

#### VII Other Business

Mr. Rowley presented the following report on his attendance at the Ditchley Conference.

The conference itself was attended by about 40 people, fairly evenly divided between the U.K., the U.S., and Canada, with a single representative from each of Denmark, Norway, and Iceland. It formed three working parties: the first to consider exploitation and transportation of resources, the second to consider national and international jurisdiction, and the third to consider pollution, conservation, and the native peoples.

There was considerable controversy centred on three points. The first was the extent to which the oil companies had succeeded, in the report of the first group, in reflecting their position to the exclusion of other interests. The second was the Canadian position on sovereignty and pollution zones, and the third was the question of whether the effects of oil spills in the north would be more serious than those elsewhere. A personal conclusion from the conference is that we in Canada should examine our research programs

to make sure that everything possible is being done to provide scientific evidence that oil spills in the north are more serious than elsewhere, as the Canadian position on the pollution control zone in the Arctic rests largely on this assumption.

L.A.C.O. Hunt,  
Secretary.

Department of Indian Affairs  
and Northern Development  
June 29, 1971.

Advisory Committee  
on Northern Development



Comité consultatif de la mise  
en valeur du Nord canadien

*P.A.*  
*LR*

CO-ORDINATING COMMITTEE

*and 2nd half*

*S 87-3-1A*

Minutes of the First Half of the Ninth meeting of the Co-ordinating Committee of the Advisory Committee on Northern Development held on Friday, May 28 at 10:00 a.m. at 400 Laurier Avenue West, Ottawa

PRESENT:

Mr. A.D. Hunt, Department of Indian Affairs and Northern Development

(Chairman)

- Mr. G.S. Barry, Department of Energy, Mines and Resources
- Dr. P.A. Bélanger, Department of National Health and Welfare
- Mr. C.J. Daly, Ministry of Transport
- Mr. D.B. Dwyer, Department of National Defence
- Mr. H.A. Foster, Department of Supply and Services
- Dr. T.G. How, Ministry of Transport
- Dr. G. Hattersley-Smith, Defence Research Board
- Mr. C. Hughes, Department of Communications
- Dr. N.B. Hutcheon, National Research Council
- Mr. E.M. Hutchinson, Department of Manpower and Immigration
- Mr. D.S. Loftus, Department of Communications
- Mr. M. Kergin, Department of External Affairs
- Mr. "Cam" Mackie, Secretary of State
- Supt. K.J. Parkins, Royal Canadian Mounted Police
- Mr. A.T. Prince, Department of Fisheries and Forestry
- Col. W.S. Sutherland, Department of National Defence
- L/Cdr. A.D. Taylor, Department of National Defence
- Dr. W.E. Taylor, Secretary of State (Museums)
- Mr. N.A. Wiksten, Department of Regional Economic Expansion

Mr. L.A.C.O. Hunt, Department of Indian Affairs and Northern Development

(Secretary)

LSC PRESENT:

Mr. T.G. Wall, Department of Communications  
Mr. D.J. Gee )  
Mr. J.H. Rick )  
Mr. G.W. Rowley )  
Mr. A.J. Reeve )  
Mr. H. McNeill ) Department of Indian Affairs  
Mr. P. Gorlick ) and Northern Development  
Mr. D.A. Davidson )  
Mr. T. Conway )  
Mr. C.C. Hitsman )

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## Employment of Northern Residents

### (a) Progress Report - Document XND-61

The Committee agreed to defer this item until the second half of the meeting on June 16, as the proposed paper being prepared by the Commissioner was not available for circulation.

### II Atlas of Northern Canada Document XND-55

The Chairman read the resolution as agreed to and prepared by the working group set up to examine the University of Ottawa's proposals. The resolution is as follows:

"It was the general consensus of the working group that the research proposal for a northern atlas should not be funded at this time due to the accelerated research programs being carried out in the north and the increasing amounts of data which will become available during the next five to ten years which should be incorporated in a northern atlas, specific research programs which provide more useful data than a generalized northern atlas, and the commitment now in existence on the part of many departments to supply data to the National Atlas."

The Chairman stated that the University of Ottawa proposal had a unique built-in feature, i.e. it was to be bilingual. The National Atlas had not attempted to do this but preferred two editions, one English and one French. Under these circumstances, a northern bilingual atlas had considerable merit, although the University of Ottawa would have to modify its proposal, and be more precise.

The Committee approved the resolution put forward by the working group, and the Chairman, while accepting the majority ruling, proposed to request a further discussion of the University of Ottawa proposal at the Main Committee.

### III Opportunities for Youth

The Opportunities for Youth Program coordinator, Mr. Campbell Mackie of the Department of the Secretary of State, was present.

The Chairman stated that the reason for bringing this matter before the Committee was that in so far as the northern territories were involved, both the Minister of Indian Affairs and the Member of Parliament for the N.W.T. have expressed some concern over effective coordination and the need to tie in these programs with the N.W.T. administration.

Mr. Mackie gave the Committee some statistics concerning this program and its magnitude. Over 30,000 applications had been received since the original announcement of the program. The basic criteria was first, to involve young people in planning, managing and executing a program which would benefit a community. These were not extensions of old programs. Grants were not made to provinces or municipalities. The basic idea is to hire local people and in the territories; to involve Eskimos, Indians and Métis. There were four approved programs for the N.W.T. at Fort Providence, Cape Dorset, Yellowknife and Inuvik. Grants in each instance were made to someone who must be responsible for the funds. During the discussion, it was evident that the Secretary of State had other programs such as the Travel Exchange Program, and in the minds of some members, some confusion existed as to what program did what.

Mr. Mackie acknowledged the difficulties encountered this year and requested the Committee for assistance in assessing projects for future use. The evaluation machinery is kept separate from the operating side. He also mentioned another project at Akudlik (Ft. Churchill, Manitoba) which was a recreation development scheme for the benefit of the community. The others mentioned above were as follows:

Fort Providence - Community club activities.

Cape Dorset - Youth development program.

Yellowknife - Drop-in centre and recreation centre for Indians and Whites.

Inuvik - Six young persons from York University paired with six students from Inuvik.

It was agreed that Mr. Davidson would liaise with the office of youth programs, and that some emphasis in the future would be given to the indigenous population and the part they can play. Mr. Mackie stated that he expected his discussions with Mr. Davidson would be useful.

On a question concerning the employment of university students carrying out telecommunications surveys this summer, a negative reply was given.

#### IV River Control and Diversion Document XND-58

Mr. Gee spoke on the reasons for this paper. The N.W.T. Council had shown some concern over plans by British Columbia and the three Prairie Provinces over possible plans to divert water flowing north into the N.W.T. Mr. Gee emphasized that none of these plans were imminent but were in all probability a decade away, nevertheless the interests of the N.W.T. had to be protected.

The Chairman reinforced these remarks by stating that effective forward planning to determine downstream benefits was necessary even though the proposals outlined in the paper may be a long way off. He mentioned that under the Northern Inland Waters Act, an N.W.T. Water Board would be established, which was an instrument for consultation. After further discussion, the Committee agreed to refer the entire matter to the Interdepartmental Committee on Water and also to keep the Commissioner and the N.W.T. Council fully informed.

V The proposed study of the future of the DEWLine was deferred to the second half of the meeting, June 16, 1971.

VI The proposals by the Canadian Broadcasting Corporation for radio and T.V. coverage in the territories was deferred until June 16, 1971.

#### VII Proposal for an Archaeological Inventory

Dr. W.E. Taylor, Director of the Museum of Man, explained the reasons for this paper as prepared by the Council for Canadian Archaeology. The paper had been forwarded to the Prime Minister. The B.N.A. Act is open to question on the subject of antiquities, but as development increases, the need for some control either through federal legislation or provincial statute is apparent. Some form of protective legislation is necessary and Dr. Taylor referred to the current U.S. practice.

The discussion covered various aspects related to protection and preservation of archaeological sites, and the responsibilities of contractors, whether pipeline or highway, and the important question of salvage.

In the U.S., financing for salvage operations on archaeological sites is the responsibility of the contractor. Rights of way can be determined by avoiding sites of historic interest, but it is essential that a survey be undertaken to find out precisely what is being disturbed or destroyed.

The Chairman acknowledged the many points of view expressed, and he believed that a policy had to be developed which could be, if approved in Committee, presented to Cabinet, but before doing so, we had to know what we wanted to do, what stipulations to impose and therefore he suggested a small working group of representatives from those departments whose interest in this is considerable. He suggested that Public Works, Energy, Mines and Resources, Secretary of State (Museums), National Defence and Indian Affairs all be represented.

The Committee approved the establishment of a small interdepartmental committee to consider all the implications as presented to

The Government of Canada by the Council of Canadian Archaeology, under the chairmanship of Mr. Graham Rowley. At the meeting to be called on June 16, Mr. Rowley was requested to prepare the terms of reference of this interdepartmental committee and a proposed list of membership.

#### VIII Items for Information

(a) A consolidated paper indicating the proposed transfers of Federal Civil Servants from Fort Smith and Hay River to Yellowknife.

(b) Action taken to reserve certain areas on Ellesmere Island against surface dispositions for Department of National Defence (Defence Research Board), Document XND-53.

(c) Monzino Expedition  
Document XND-60

The Secretary brought the Committee up to date concerning this venture.

(d) Irwin Expedition  
Document XND-63

There was discussion on whether single-handed expeditions into the Arctic should obtain official sanction. This particular expedition had been vetoed by the Commissioner on the grounds that it appeared to be a foolhardy - ill-conceived venture. However, it was pointed out that even if a Scientists and Explorers permit was denied, it would not necessarily prevent the expedition from carrying out its objectives.

IX The following information items were deferred until June 16, 1971:

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|--|-----------------|
| (a) Boreal Institute                                   | Document XND-56 |
| (b) C.F.S. Alert                                       | Document XND-57 |
| (c) Association of Universities and Colleges of Canada | Document XND-62 |

L.A.C.O. Hunt,  
Secretary.

Department of Indian Affairs  
and Northern Development  
June 28, 1971.

Advisory Committee  
on Northern Development



Comité consultatif de la mise  
en valeur du Nord canadien

*Handwritten:* R 587-3-1A  
PA

MEMORANDUM TO THE ADVISORY  
COMMITTEE ON NORTHERN DEVELOPMENT

Exploration Highlights

Attached is a copy of the April 1971 edition of Exploration Highlights (Restricted) which provides a monthly review and short term forecast of oil and gas operational activities north of 60.

L.A.C.O. Hunt,  
Secretary.

Department of Indian Affairs  
and Northern Development  
June 3, 1971.

# EXPLORATION HIGHLIGHTS

APRIL, 1971



oil and gas

north  
of 60

Restricted

northern economic  
development branch  
department of indian affairs  
and northern development  
government of canada

OIL AND GAS

HIGHLIGHTS

April, 1971

YUKON TERRITORY

Drilling

Three wells, SOBC Shaeffer CK YT O-22, SOBC E. Porcupine YT I-13, and Bluemount et al Beavercrow YT B-16, were drilling in the Yukon Territory at the end of April. The two Standard Oil of BC wells were near their total depths. Drillstem tests in the East Porcupine well recovered only minor (50MCF/D) gas flows and the well will be abandoned. The Shaeffer Well will test several porous zones after reaching its total depth of 10,500 feet. The Bluemount Beavercrow well on the Liard Plateau encountered a great number of lost circulation zones, mechanical problems and as a result is still drilling below the 7,000 feet level. The well is projected to go 7,500 feet.

Seismic Activity

Standard Oil of British Columbia operator of the Eagle Plain permits farmed-in from Western Minerals is completing their second year of seismic surveys in preparation for continued drilling operations during the summer months. The drilling program is currently underway with two rigs, a total of 9 to 10 wells may eventually be drilled so that the company can earn a maximum interest in the Eagle Plain acreage.

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Extensive seismic programs were carried out by Westcoast Production east of the Old Crow area and by Skelly and Shell Oil on the Peel Plateau, a minor program was carried out by Inexco in the Kandik Basin of Central Yukon.

#### NORTHWEST TERRITORIES

##### Drilling

At the end of April, 9 rigs were making holes on the mainland. Amoco Canada Ltd. was drilling their fourth development well at Pointed Mountain in preparation to bringing the gas field on production commencing November 1, 1972. Three gas wells are shut-in, one is currently undergoing extensive production testing.

In the Delta-Tuk area, Imperial Oil has two significant wildcat wells underway (IOE Taglu G-33 and IOE Mayogiak P-17). Surface casing has been set in both and drilling will now progress rapidly to test highly perspective sands in the Mesozoic section. Both wells will be taken below 10,000 feet and the rigs left on location for the summer after completion of drilling operations.

Other wells in the mainland are nearing their final objectives, with the Gulf Reindeer Well considered to be the most significant.

##### Seismic Activity

A total of 23 seismic crews were active at the end of April on the mainland, the majority of the programs were north of the Peel Plateau. Imperial, Gulf and Shell each had two crews in the Delta-Coastal regions, the rest of the crews were scattered south to Norman Wells. All land seismic operations will

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terminate by spring break-up, that will be approximately May 15, in the Delta area. Indications are that very few crews will be allowed to operate during the summer months with track vehicles on the mainland because of possible damage to the surface and the under lying perma-frost.

The level of seismic activity was about the same this past winter as during the winter of 1969-70. Since a considerable amount of this activity took place in the Delta area geophysical expenditures are expected to increase by at least 15%.

#### ARCTIC ISLANDS

##### Drilling

The year 1971 will be an exceedingly busy time for drilling operations in the Arctic Islands. At the present time 7 rigs are in operation, one rig is being flown to commence drilling on Panarctic King Christian N-06. Major operations in the Arctic Islands include:

- (1) Panarctic Oils Limited - has 3 rigs currently at work with the fourth rig being moved in by plane to King Christian Island. The Central Dome well on Amund Ringnes Island reached its total depth of 10,030 feet without finding any oil or gas. The well is being turned over to the National Research Council as a temperature observation well. The second rig on the Foshiem Peninsula is currently drilling at 3,000 feet to an expected final depth of 10,000. The third rig is drilling (Garnier O-21) on the east coast of Somerset Island, this well is projected to go to 6,000 feet.

- 4 -

- (2) Sun Oil Company - assumed the drilling obligations of King Resources and are currently drilling their third and fourth wells, Skybattle Bay F-15 on Lockheed Island has just run surface casing. The second well, Young Inland D-21 is currently rigging up and should be drilling in about 10 days.
- (3) BP Oil and Gas Limited - has announced a four year eight million dollars program which includes seismic work on Vanier, Edmerald and Prince Patrick Islands this year, two wells will be drilled in 1971-72 with an option for a third well. The company is currently drilling their first well, BP et al Hotspur J-20, on Bathurst Island.
- (4) Elf Oil Exploration Production Canada Limited - is on its third Arctic Island well, Jameson Bay C-71, on Prince Patrick Island. At the end of the month the well was drilling below 3,000 feet.

#### Seismic Activity

Eight separate seismic programs were currently underway on the Arctic Islands at the Month's end. Panarctic led with three programs, one each on Sabine Peninsula, Brock Island and Prince Patrick Island. Track vehicles were used exclusively by the geophysical operators for the first time, in previous seismic operations helicopters were utilized to move seismic drill rigs along lines. Operations have been completed on Brock Island and Sabine Peninsula but will be continued on Prince Patrick Island till about October 15. Other companies with current seismic programs were Sun and Dome; Murphy Oil and Aquitaine had small programs on Victoria Island, the latter operations on Victoria Island were to be terminated by May 15.

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## EXPLORATION HIGHLIGHTS

### Exploration shifts to Frontier Areas

The latest industry report on Canada's crude oil and natural gas reserves indicates that within the decade emphasis may shift from Western Canadian fields to yet-to-be found resources in the North to maintain supplies at levels required.

The Canadian Petroleum Association revealed in its 1970 estimates that for the first time since 1947 Canada used or sold more crude oil than the net additions to its inventory.

Out of the projected \$461 million for 1971 exploration spending, about half of the amount will go to the two frontier areas. In 1969 only about one-third of the \$391 million was earmarked for the East Coast and the North.

The petroleum industry will punch about 100 holes in these regions this year to try to prove the first major oilfield outside Western Canada.

### NORTHWEST PROJECT STUDY GROUP'S ARCTIC TEST PROGRAM

A \$3.4 million Arctic test facility has started continuous operations as part of the NORTHWEST PROJECT STUDY GROUP'S \$12 million feasibility study of a proposed natural gas pipeline from Alaska to the U.S. Canadian border. The test facility is located on the shores of the Mackenzie River about 65 miles north of Norman Wells, N.W.T.

The test facility which began test operations early in March is designed to help determine feasibility of moving natural gas some 2,500 miles through a large diameter pipeline. The line would extend from Prudhoe Bay, Alaska, up the Mackenzie River Valley and through Canada to Emerson, Manitoba. There it would connect with existing systems that serve both U.S. and eastern Canada markets.

Participants in the Study Group are three producers of oil and gas having major interests in reserves on the North Slope of Alaska, and three natural gas pipeline companies seeking additional gas supplies to serve expanding markets in Canada and the midwestern U.S. They are Atlantic Richfield Company, Humble Oil and Refining Company, The Standard Oil Company (Ohio), Trans-Canada Pipelines, Michigan Wisconsin Pipeline Company and Natural Gas Pipeline Company of America.

The Arctic facility is testing buried sections of 48-inch diameter pipe to determine effects from operating under varying conditions. In one test, pipe is subjected to hot and cold circulating flows to record temperature change reaction. Hot and cold air is being cycled through a section of pipe for measuring stability under varying flow temperatures. Four sections of pipe buried at different depths and with varying surface cover allows scientific observation of the effects of a buried pipeline on permafrost and surface drainage.

Other studies underway will determine optimum procedures for building a natural gas pipeline through muskey and mountainous areas of the Arctic without significantly affecting the natural environment. In addition to engineering and design studies, the overall NPSG research and feasibility study will investigate the ecological and conservation aspects of the pipeline along the proposed route.

The proposed pipeline system would cost an estimated \$2.5 billion to construct and would transport approximately 3 billion cubic feet of natural gas per day when fully powered.

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### Mackenzie Valley Pipeline to Conduct Additional Research

Mackenzie Valley Pipeline Research Limited has budgeted an additional \$1.85 million for further research into the feasibility of constructing a large diameter oil pipeline from Prudhoe Bay on the Alaska North Slope up the Mackenzie River to Edmonton. The new appropriation raises the company's programmed research expenses to \$5.4 million.

Sixteen oil and pipeline companies are participants in the research company, formed in 1969 with the objective of studying the technical, economic and ecological aspects of designing, constructing and operating a crude oil pipeline in the Arctic environment. Work to be covered by the latest commitment of funds includes further investigation of pipeline routing by aerial photography, additional soil sampling and testing, geological studies, pumping station site reconnaissance and environmental and wildlife surveys.

Research is continuing at the company's 2,000 foot, 48-inch diameter pipeline test loop constructed at Inuvik, N.W.T. Crude oil is being circulated through the low pressure loop at 160°F. (the anticipated temperature of crude oil coming out of producing wells in this area), and the effect on the permafrost recorded. At the conclusion of the first summer's operation, heat from the insulated test loop did not significantly affect the surrounding permafrost.

### Siebens farmed out 8.5 million acres off the east coast of Baffin Island to Canada-Cities Service

The farm-out agreement provides for completion of a combined aeromagnetic and marine seismic program this year. The surveys will complement the marine seismic conducted by Siebens last fall in the Cumberland Sound area which the company said indicated the presence of a substantial sedimentary section.

### Gas Arctic Study Group in Alaska

The Alaska facility is one of three pipeline research test installations, under the sponsorship of the Gas Arctic Study Group, directed to finding methods of pipeline construction which will minimize environmental effect.

The Alaska test facility will consist of a 2,000 foot loop of 48 inch pipe, a compressor and the necessary instrumentation. Parts of the loop will be totally buried, while other sections will be partly buried and covered with a "berm" of soil. Temperature measurements will be taken both inside the pipe and in the surrounding soil as air is pumped through the loop at low pressure and at temperatures of 25<sup>o</sup> to 65<sup>o</sup>F.

### Icebreaking Offshore Drilling System

A MODEL of an icebreaking offshore drilling system which could extend the Arctic oil drilling season by 6 months was unveiled last week at the Offshore Technology Conference in Houston. The system, developed by General Dynamics Electric Boat Division, features a cone-shaped hull which would be squeezed upwards by ice pressure until the hull's weight breaks the ice.

The 10,900 ton drilling vessel could permit offshore work during most of the months when ice action would normally force removal of drilling vessels or platforms. It could survive the Arctic winter in the ice pack without haulout during the nonactive period. And, depending on location, it could remain operational all winter in one drilling area.

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According to General Dynamics, a single icebreaker could position, anchor and service several of the drilling vessels. Each would be moored by eight 30,000 lb. anchors with  $3\frac{1}{2}$  inch chains leading through hawsepipes below the hull's exposed icebreaking surfaces.

Advisory Committee  
on Northern Development



Comité consultatif de la mise  
en valeur du Nord canadien

*P.A.*  
*hoy*

ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT

The Fifth meeting of the Sub-Committee on Northern Communications of the Advisory Committee on Northern Development will be held on June 18, 1971 at 9:30 a.m. in Room 1006, Berger Bldg., 100 Metcalfe Street, Ottawa

*587-3-1A*

AGENDA

1. Previous Minutes (Fourth meeting May 7, 1971)
2. Proposal for a Native Broadcasting Station Document COMS-6 (attached)
3. T.V. Only Satellite Receiving Stations Document COMS-7 (attached)
4. Briefing on the Communications Technology Satellite
5. Other Business

*attached*  
*attached*

C.C. Hitsman,  
Secretary.

Department of Indian Affairs  
and Northern Development  
June 2, 1971.

**Advisory Committee  
on Northern Development**



**Comité consultatif de la mise  
en valeur du Nord canadien**

DOCUMENT COMS-6

MEMORANDUM TO THE ADVISORY  
COMMITTEE ON NORTHERN DEVELOPMENT  
(SUB-COMMITTEE ON NORTHERN COMMUNICATIONS)

Proposal for a Native Broadcasting  
Station in Alberta

Attached is a copy of the submission by The Alberta Native  
Communications Society for a Native Broadcasting Station at  
Wabasca-Desmarais.

C.C. Hitsman,  
Secretary.

Department of Indian Affairs  
and Northern Development  
June 2, 1971.

THE ALBERTA NATIVE COMMUNICATIONS SOCIETY

SUBMISSION FOR  
COMMUNITY RADIO  
AT

WABASCA - DESMARAIS

March 25, 1971

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## THE ALBERTA NATIVE COMMUNICATIONS SOCIETY

SUBMISSION: COMMUNITY RADIO FOR WABASCA-DESMARAIS

### THE NEED FOR COMMUNICATIONS

The need for effective communications is naturally a challenge in any society, but communications problems have become particularly acute on Indian reserves and Metis settlements. The native people require more than sympathy; action is necessary in finding solutions to their critical communications problems.

The following presentation culminates from discussions we have had in the past two years with the Canadian Broadcasting Corporation, Canadian Radio and Television Commission and both levels of government, concerning the expressed desires of the communities to find answers to their communication needs, in keeping with their objectives toward equal opportunities and standard of living.

There are many reasons why native people lose touch with each other and with the outside world. Some of these reasons have been compounded by inappropriate or inadequate government measures in the past, along with unsuccessful attempts by church groups to help the natives. Among the problems are the following:

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1. Unbalanced concepts of integration as applied to the Indian people of the past generation have discouraged native self-expression and the preservation of Indian culture. Narrow-minded outside influence has brought about a deterioration of family ties and wholesome community living among the native people.
2. Popular mass communications programs designed for the middle class, affluent society may have greatly improved, but this kind of influence is not geared to the social development and betterment of the native people.
3. To date, no special communications programs designed to serve the needs of Indian and Metis communities on a daily basis have been made available by the Canadian Broadcasting Corporation. Programs about the native people have sensationalized only the apathy and poverty of the Indians, and have featured too much federal-provincial political controversy rather than getting at basic issues. This kind of approach has no meaning to the Indian and Metis people except to make them feel ashamed of their culture and their living conditions.
4. The most basic problem is that of communicating with Indians in their own language. A comprehensive broadcasting program should be established on a daily basis. Without this communication from the outside world is almost meaningless. The mass media do not provide the kind of information and educational

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programs needed to bring about community leadership on Indian reserves and Metis settlements.

The language barrier is perhaps the greatest single reason why continuous government attempts to communicate with Indians and Metis and to solve their problems have proven ineffective in the past. The Native Fieldworkers Program of exchanging information with the people through face to face contact has helped. Further, the weekly Sunday Native Radio Programs broadcast by ANCS have begun to make it clear that there are effective ways to communicate and to get at basic social issues confronting natives. This sets the stage for applying advanced technology and educational processes to the challenge of providing a daily output of special communications services for native communities. We suggest the time is ripe for designing a program of the people and by the people in the area of radio broadcasting.

Community Radio is a new idea which shows considerable promise. No one disputes the fact that communications is a basic factor in community development, and radio is an effective way of communicating with people. It should foster leadership and socio-economic progress.

A Community Radio serving the people in a given area should inspire them to organize themselves in such a way that they can all participate in a community project which is

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uniquely their own. Then, of course, there is nothing to stop them from broadcasting on a twenty-four hour a day basis once the license has been granted by the Canadian Radio and Television Commission.

## ORGANIZATION OF A PILOT PROJECT

Wabasca-Desmarais is a community about 180 air miles north of Edmonton and 80 miles from the closest urban centre called Slave Lake. Living in the area are approximately 3,000 Indian and Metis people who have for over a century maintained a fairly strong tribal identity and cultural ties in relative isolation. The past decade or so has brought into being a number of groups which are planning and initiating various social and economic projects. Although a number of native people are showing unusual leadership abilities, problems of inter-relationships among various groups and among the people as a whole point up the need for a medium of communication. This need has been emphasized by the people in numerous consultations.

Establishment of a Community Radio Station at Wabasca-Desmarais will provide opportunities for extensive native involvement and participation. At the present time three separate groups are at work in the community, and it is felt a program of communications would serve not only to co-ordinate the activities of these three groups, but would go a long way towards knitting the community together.

The three action groups:

1. The Kee-Wee-Tin-Nuk Association, which consists of both Treaty and Metis people, was organized primarily to solidify the community in pursuit of common goals.

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2. The Metis Association Local, whose primary objectives are to establish and maintain amicable relationships among the Metis, and to act as the liaison organization with the Metis Association of Alberta and the various Provincial and Federal agencies.
3. The Band Council, which represents the Treaty Indians and acts as liaison between the community and governments as well as other organizations or agencies which foster the development of treaty Indians.

Initially three meetings were organized with the people of the Wabasca-Desmarais area. These meetings were designed to provide the people with general information regarding the function of a community radio station, and to acquaint them with the type and operation of equipment that would be used. Persons who are showing a special interest provide a nucleus from which the original membership of the organization could be established. As a result of the meetings an interim communication board has emerged, with representation from each of the three above-mentioned organizations.

This interim board has outlined for itself a number of non-political priorities and objectives, including the following:

1. To establish a constructive cohesive force in the community of Wabasca-Desmarais.
2. To establish a permanent communication board.

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Page 7

3. To establish a vibrant working constitution.
4. To register the name Waba-Marais Communications Society under the Alberta Societies Act.

The establishment of a community radio project in the isolated region of Wabasca and Desmarais, where the Cree Indian language is still widely used as the basic means of communication among the young as well as the old, will stand to serve the total population with a special medium of communication services never before available to any native community in Alberta. It should go a long way towards restoring and retaining the pride and self-respect of Indian people.

Although the proposed project outlined in this submission is intended initially to demonstrate to the people of Wabasca-Desmarais as well as other native communities in Alberta the importance of establishing special communications services, there is a need to look to the future development and independence of such a project. It is proposed that in the initial stages of operation Federal and Provincial financial support will be required.

We suggest that the need for government assistance will be most critical during the first year of the project.

It is most desirable that the Federal and Provincial Governments should be willing to support this and other projects for a number of years, at least until the communities themselves become economically viable.

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It must be stressed once again that Community Radio at Wabasca-Desmarais is a demonstration pilot project, and as such we feel it should be given maximum support. Indian people will be brought in from other communities as observers, and as a result it is hoped that similar stations will be built in other areas.

## PRODUCTION AND TRANSMISSION

If Community Radio is to help the people of the Wabasca-Desmarais area, it must serve them in a two-fold way:

1. as a source of information and entertainment;
2. as a means of self expression and allowing the total community to be involved and to participate.

This two-fold service can be attained through the selection of an all-native staff from the local community, whose duty it will be to gather and produce at least 80 to 90 per cent of the programming content to be aired over their Community Radio Station. The hiring of this staff would be left to the Board of Directors, and would consist of three to four members, one of whom should be station manager, whose responsibilities would include:

1. Control (as directed by the Board) over the equipment, studios and employees.
2. The planning and broadcasting of the type of programming decided upon by the members of the community.
3. General administration and office duties.

A person with previous experience in the technical aspects of radio operations would also be required during the initial stages. The other members of the staff would be trained in the art of multiple broadcasting. They would be fieldworkers (reporters), announcers, and technicians generally

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responsible for the editing and production of pre-taped interviews and programs. Their training would be provided through the Alberta Native Communications Society and Radio Station CBXT here in Edmonton.

The station would provide the community with a variety of services daily, as follows:

1. Three or four hours of material obtained by the staff in the community, and from the Alberta Native Communications Society. ANCS would provide pre-taped programs on provincial and national news, regular weekly features, and various items obtained from other communities.
2. Participation by residents of Wabasca-Desmarais. This would help solve the internal communications problems that exist in the community.
3. Provision of a forum for discussions on community projects, education, and daily news items from the outside world. These discussions could be conducted or translated into the Cree language.
4. Provision, in time, of additional community leadership, as a result of adult and community development programs.

The studios in which the programs will be produced will be centrally located in the community. The station, with a 100-watt transmitter, will broadcast to an area with a radius of approximately fifteen to twenty miles. Facilities should include a main studio, a control room, an editing room, a tape

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library, and a general office area fully equipped for open air broadcast. Having the studio centrally located would enable the staff to produce and broadcast live programs such as talk-back shows, musical shows, reports and panel discussions, as well as tape and disc recordings.

At a communications conference held in Yellowknife in the latter part of 1970 an agreement was reached between the ANCS and CBC Northern Services to lay out plans for the establishment of the proposed Wabasca-Desmarais Community Radio. The CBC is presently preparing a technical report on the northern community and will present in detail a feasibility study for the Department of Transport and CRTC in Ottawa.

COST OF OPERATION

BUDGET FOR FISCAL YEAR 1971-72

		Federal Share	Provincial Share
<b>COMMUNITY RADIO</b>			
Salaries - Producer @ \$800/mo.	9,600	4,800	4,800
- 3 fieldworkers @ \$700/mo. each	25,200	12,600	12,600
Travel and Sustenance			
- Producer @ \$210/mo.	2,520	1,260	1,260
- 3 fieldworkers @ \$70/mo. each	<u>2,520</u>	<u>1,260</u>	<u>1,260</u>
<b>TOTAL SALARIES, TRAVEL AND SUSTENANCE</b>	<b>39,480</b>	<b>19,920</b>	<b>19,920</b>
<u>Equipment</u>			
Tapes and records	1,838	919	919
Local participation			
- 5 tape recorders & tapes	2,000	1,000	1,000
McCurdy Audio Console complete with two turntables	4,500	2,250	2,250
Two tapethon 900 tape recorders	4,000	2,000	2,000
Three EV 635 Microphones	240	120	120
Two Microphone Stands	60	30	30
One Microphone box for console	80	40	40
Two Monitor speaker cabinets	450	225	225
Microphone Accessories	150	75	75
CAA FM 100D Monaural Transmitter complete with crystal and instr- uction manual	1,795	897.50	897.50
Spare set of tubes	115	57.50	57.50
CCA FMCE-2 Bay Circularly Polar- ized antenna	840	420	420
Le Blanc and Royle 100' self support tower including paint- ing, ladder and tower lights	3,352	1,676	1,676
Erection of tower and footings	6,650	3,325	3,325
Belar Electronics FMM-1 Frequ- ency and modulation monitor	2,000	1,000	1,000

125 of Andrew type FHJ5-50A			
Helias transmission line	300	150	150
One equipment rack, Hammond 1463C1	125	62.50	62.50
Contingencies	<u>4,000</u>	<u>2,000</u>	<u>2,000</u>
TOTAL EQUIPMENT	32,495	16,247.50	16,247.50
GRAND TOTAL			
Salaries, Travel & Sustenance	39,840	19,920	19,920
Equipment	<u>32,495</u>	<u>16,247.50</u>	<u>16,247.50</u>
	<u>72,335</u>	<u>36,167.50</u>	<u>36,167.50</u>

## SOCIAL IMPACT OF COMMUNITY RADIO

Andrew Cowan, Director of Northern Service for the CBC, in a paper written at Ottawa last year, made the statement:

Ideally the Indians, Eskimos and Metis should have their own broadcasting system with small independent community stations to serve local needs and exchanging programs among themselves by means of tape recordings. This could, in time, develop into connected networks.

Other excerpts from Mr. Cowan's paper include the statement that

there can be no question of the advantage to the nation of developing the human resources, the Original Peoples. They are Canada's most valuable undeveloped resource in the North.

There is an increasing awareness among native people of the importance of the mass communications media. This awareness is more apparent in Alberta than in the Arctic. It is an awareness for which Cowan saw the need when he stated:

One could wish that the Original Peoples of the North were as articulate in expressing their demands and as effective in having them realized as their white fellow citizens. The fact that they are neither demanding nor critical of the broadcasting service does not mean that they neither desire nor deserve it. To a great extent they are not aware of what it can do for them. What they need and what they want is not by any means the same as the white middle class needs and wants.

Summing up his observations and opinions on broadcasting in the North, Cowan said:

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The Indians, Eskimos and Metis must become articulate, their talents and energies given channels of peaceful expression. Broadcasting can help in this by giving them a voice and an image. If it fails to do so it will fail not only the Original Peoples but the nation.

**Advisory Committee  
on Northern Development**



**Comité consultatif de la mise  
en valeur du Nord canadien**

DOCUMENT COMS-7

MEMORANDUM TO THE ADVISORY  
COMMITTEE ON NORTHERN DEVELOPMENT  
(SUB-COMMITTEE ON NORTHERN COMMUNICATIONS)

T.V. Only Satellite Receiving Stations

The attached copy of correspondence to the Chairman of the Sub-Committee on Northern Communications from the C.B.C. Northern Service lists twenty-five places for which negotiations are underway for the installation of Remote Television Receiving Equipment.

C.C. Hitsman,  
Secretary.

Department of Indian Affairs  
and Northern Development  
June 2, 1971.

CANADIAN BROADCASTING CORPORATION  
SOCIÉTÉ RADIO-CANADA

P.O. Box 8478,  
Ottawa, Ontario.  
K1G 3J5

May 20, 1971.

Mr. Desmond S. Loftus,  
Northern Systems Consultant,  
National Telecommunications Branch,  
Department of Communications,  
Berger Building, 100 Metcalfe Street,  
OTTAWA. K1P 5M1

Dear Mr. Loftus:

Sub-Committee on Northern Communications

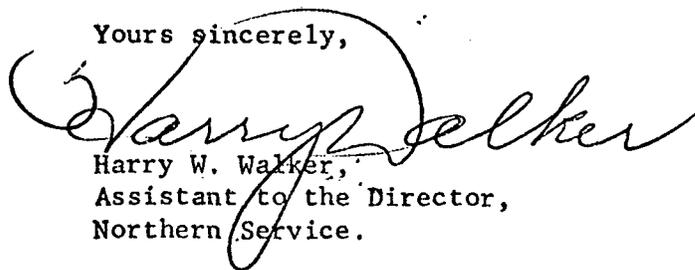
As Chairman of this Committee, you asked whether it would be possible for CBC to present at the next meeting a listing of the twenty-five places which the CBC has named in its negotiations with Telesat Canada Corporation for installing "Remote Television Receiving equipment" in the so-called "base line system". The places are:

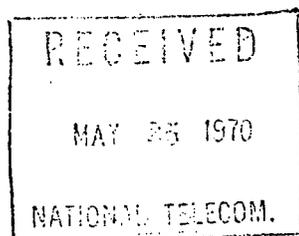
Magdalen Islands, P.Q.  
Whitehorse, Y.T.  
Watson Lake, Y.T.  
Dawson City, Y.T.  
Clinton Creek, Y.T.  
Elsa-Mayo, Y.T.  
Yellowknife, N.W.T.  
Fort Smith, N.W.T.  
Pine Point, N.W.T.  
Inuvik, N.W.T.  
Cassiar, B.C.  
Fort Nelson, B.C.  
Uranium City, Sask.

La Ronge, Sask.  
Churchill, Man.  
Goose Bay-Happy Valley, Lab.  
Faro, Y.T.  
Frobisher Bay, N.W.T.  
Sept-Iles, P.Q.  
Port-au-Port, Nfld.  
Fort George, P.Q.  
Fort Chimo, P.Q.  
Poste-de-la-Baleine, P.Q.  
Fort Good Hope, N.W.T.  
Norman Wells, N.W.T.

It is understood that the above list is supplied for internal and inter-departmental use only and is not to be made public at this time. It does not represent a complete listing of all places that may eventually receive television via orbital telecommunications satellite.

Yours sincerely,

  
Harry W. Walker,  
Assistant to the Director,  
Northern Service.



Advisory Committee

Northern Development



Comité consultatif de la mise

en valeur du Nord canadien

DOCUMENT XND-57

587-3-1A

MEMORANDUM TO THE ADVISORY  
COMMITTEE ON NORTHERN DEVELOPMENT  
(CO-ORDINATING COMMITTEE)

Alert, Ellesmere Island

We have been informed by the Department of National Defence that plans for the redevelopment of Alert are in progress.

The Alert development program will include construction of new single quarters, administrative facilities, messing complex, central heating plant and operations. The total cost has been estimated at \$4,900,000 for a gross area of 100,000 square feet.

Marani, Rounthwaite and Dick Architects of Toronto were appointed by DCL on May 28, 1970 to "carry out studies, prepare design requirement programs and concept design of new facilities at CFS Alert". Two interim reports have been produced and the final report is due by April 1971. Funds up to \$100,000 were approved for these services.

Following receipt of the architects' report the scheduling for the project is as follows:

- 1 Apr 71 - PCP completed
- 15 Apr 71 - to Treasury Board for approval
- 1 Nov 71 - Plans and Specs finalized

Estimated cash requirements are:

FY 72/73	-	\$1,000,000
FY 73/74	-	\$2,000,000
FY 74/75	-	<u>\$1,900,000</u>
		\$4,900,000 TOTAL

Departments who may wish to obtain additional information can do so by contacting Major W.G. Hillaby, Technical Services Officer of HQ CFSRS on 996-1564.

L.A.C.O. Hunt,  
Secretary.

Department of Indian Affairs  
and Northern Development  
May 18, 1971.

**Advisory Committee  
on Northern Development**



**Comité consultatif de la mise  
en valeur du Nord canadien**  
DOCUMENT XND-56

MEMORANDUM TO THE ADVISORY  
COMMITTEE ON NORTHERN DEVELOPMENT  
(CO-ORDINATING COMMITTEE)

587-3-1A

Boreal Institute Study

The Boreal Institute of the University of Alberta has proposed a sophisticated approach to northern development which embraces most of the tools of management, such as scientific methods of appraisal, program analysis, critical path analysis, program review technique etc., in such a way as to produce econometric models which will produce population trends and predictions, and models designed to evaluate a total overview of the renewable and non renewable resources. Using these models, together with a wide variety of statistical techniques and computer technology, it is hoped that it can produce objective estimates of costs and benefits of alternative plans of development and to predicting the long term effects.

They suggest a four phase project.

Phase I

A description of the north, its resources, its people and its environment in quantitative terms. It is proposed to produce an inventory of resources which are presently known.

Phase II

Describe the various systems of industrial and social development which at the present time, or in the near future, may utilize the resources described in Phase I.

Phase III

Ascertain the effect of industrial and social development upon the resources, upon the environment, and upon the people of the area. Thus, they will seek to establish the nature of inter-relationships between various components of their system, and the analysis and evaluation of the impacts. As an aid to assessing the impacts on people, they propose to develop indicators

- 2 -

that measure the well-being of the human population, the under or over-exploitation of the renewable resources, the attractiveness of the community, the magnitude of recoverable resources and of non-renewable resources, and important conditions of the environment and economy. This phase will develop a quantitative model.

#### Phase IV

Utilize the relationship and quantitative models produced in Phase III to predict the overall effects of broadly postulated plans or programs of development upon the north, its people, its environment. The proposal is also to consider alternative development strategies.

According to the Boreal Institute, it is considered that the best way to approach the problems of northern development is by a multi-disciplinary attack and by the producing of a data-bank of information readily available.

The Department of Indian Affairs and Northern Development has reviewed the proposal and has concluded that it is not in a position to support a project of this size and scope. It may be that the project could be broken down into manageable proportions, or produced in some modified form as to attract the interest of other agencies and departments. It is not general policy to underwrite general programs of research of this kind even though they may have considerable validity technically.

L.A.C.O. Hunt,  
Secretary.

Department of Indian Affairs  
and Northern Development  
May 17, 1971.

Advisory Committee  
on Northern Development



Comité consultatif de la mise  
en valeur du Nord canadien

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S 87-3-1A

ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT

The Ninth meeting of the Co-ordinating Committee of the Advisory Committee on Northern Development will be held in two stages because of the length of the Agenda on Friday, May 28 at 10:00 a.m. in the 14th floor Conference Room of the Department of Indian Affairs and Northern Development, 400 Laurier Avenue West, and again at the same location on Wednesday, June 16 at 2:00 p.m.

AGENDA

1. Employment of Northern Residents
    - (a) Progress report
    - (b) Suggested new approach by N.W.T. Government
  2. Atlas of Northern Canada  
(Response to a proposal by the University of Ottawa)
  3. Opportunities for Youth Programs  
(A survey)
  4. River Control and Diversion  
(Proposed plans to divert rivers now flowing into the N.W.T.)
  5. Proposed D.N.D. studies on DEW Line
  6. Canadian Broadcasting Corporation  
(A projection for Northern Canada)
  7. Proposal for an Archaeological Inventory
  8. Arctic Pipeline Research Conference.
- The following items are for information:
9. Consolidation of movement of Federal employees, Fort Smith and Hay River to Yellowknife, N.W.T.
  10. Defence Research Board -  
Areas on Ellesmere Island withdrawn from surface disposition.

- 2 -

11. Boreal Institute  
(A research proposal)
12. Monzino Expedition
13. Other Business.

L.A.C.O. Hunt,  
Secretary.

Department of Indian Affairs  
and Northern Development  
May 15, 1971.

Advisory Committee  
on Northern Development



Comité consultatif de la mise  
en valeur du Nord canadien

DOCUMENT XND- 54

587-3-1A

MEMORANDUM TO THE ADVISORY  
COMMITTEE ON NORTHERN DEVELOPMENT  
(CO-ORDINATING COMMITTEE)

Archaeological Survey of Canada

Dr. W.J. Taylor, Director, National Museum of Man, Ottawa, has suggested that the need for an archaeological survey in northern Canada is becoming increasingly urgent, particularly if a pipeline is built down the Mackenzie Valley. He is of the opinion that the attached summary of a report submitted to the Prime Minister by the Chairman of the Council for Canadian Archaeology should be considered by the Advisory Committee on Northern Development.

It is suggested that the Committee should discuss whether it wishes to support the proposal for the establishment of a separate federal agency to undertake the duties outlined in the attached paper and the proposal that there should be additional legislation as proposed in part 4 of the paper.

L.A.C.O. Hunt,  
Secretary.

Department of Indian Affairs  
and Northern Development  
May 14, 1971.

SALVAGE ARCHAEOLOGY - A REPORT COMPILED BY  
THE COUNCIL FOR CANADIAN ARCHAEOLOGY, 1970

The Council, in support of the Canadian Archaeological Association, wrote to the Prime Minister of the desirability of recovering at least a portion of Canada's archaeological record before it is destroyed.

Dr. John G. Fyles, Chairman, National Research Council Associate Committee on Quaternary Research stated that archaeologists throughout Canada have expressed deep concern that sites which form the very foundation of their discipline are being destroyed by cultural and natural forces before they can be investigated. In asking the Council to look into existing problems of salvage archaeology he stressed an interdisciplinary approach involving geologists, paleontologists, paleobotanists and the social scientists; in fact, everyone interested and dependant upon the success or failure that archaeologists have in unravelling the skeins of prehistory.

The problem is conceived in five separate but related parts:

1. The rate at which archaeological materials and information of value are being destroyed.

The principal agencies of destruction have been identified as:

- (a) Cultural - construction, highways, urban development, rural development and vandalism.
- (b) Natural - action of waters including alluvia, wind, arctic soil dynamics and natural decay.

It is foreseen that the heretofore least endangered of all Canadian regions - the lightly populated Sub-Arctic and Arctic, will, because of demands for minerals and fresh water and the development of power transmission installations over very long distances, undergo vast industrial expansion with concomitant urban development. Predictably, the rate of destruction to archaeological remains will increase as northern development increases.

2. The rate at which materials and information about to be destroyed are being recovered.

No accurate estimate of the rate of recovery is possible. Too little and too late. Lack of funds, shortage of trained archaeologists working in this field (salvage), requirement for an agency to co-ordinate the work of recovery, legislation making it incumbent upon developers and others to report finds, not only in Crown lands but extended to Indian Reserves and private property, are seen as problems which must be overcome.

3. Summaries of federal/provincial and territorial legislation to control destruction and looting of sites, and appraisal of their effectiveness.

W.E. Taylor, Jr., has assembled information on Canadian legislation, which includes appraisals by regional archaeologists for the Dominion-Provincial Conference on Historical Resources.

The Council favours legislation because it expresses the Canadian government's responsibility towards the nation's archaeological resources and has the backing of a UNESCO recommendation which advocates regulation by all member countries. The Council is firmly of the opinion that the federal antiquities law which applies to the Territories, should embrace Indian Reserves also. There is a requirement too, for a much more vigorous application of that law and for its extension to include every disturbance of a site and not just intentional disturbances, as at present in the Territories.

4. Recommendations for new provincial and territorial (and federal) legislation.

Most members of Council agree that present legislation is inadequate. Legislation must define responsibilities and make obligations clear. It must assure that destructive forces cause as little damage as possible to the sources of archaeological documents, and that sites whose destruction is unavoidable, will first be investigated.

Legislation should provide for salvage agencies in each province, and on the federal level, co-ordinating their activities to cover all lands. A senior archaeologist should be appointed to head the salvage agency within his field of jurisdiction and he should be provided with adequate qualified staff.

Provision is required for funds to operate the salvage agency. Those who initiate the destruction of archaeological remains should be held financially responsible for proper salvage measures.

Legislation should be passed to prohibit commercial trafficking in antiquities.

5. Recommendations regarding an agency or agencies charged with assessing and/or discharging salvage obligations.

The Council believes that the Federal Government is responsible for salvage archaeology on land under its jurisdiction, in accordance with the general principles adopted by UNESCO which stress that "Each Member State should ensure the protection of its archaeological heritage." Therefore, the Council advocates the establishment of a federal agency, tentatively named the Archaeological Survey of Canada, which will assume responsibility for salvage operations on whatever scale may be required.

The personnel of the survey will consist of a skeleton staff of archaeologists, working under the direction of a senior archaeologist, and its regular duties will consist of reconnaissance, of mapping and of assessing sites throughout Canada. The ultimate objective of the survey will be to locate sites on federal lands, to appraise their potential importance, and where necessary to carry out salvage excavations. The survey should assist provincial agencies unable to cope with major salvage problems. Finally, the survey should carry out a vigorous public relations program to make the public aware of the survey and to encourage their cooperation.

In brief, the above statements outline the aspirations of the Council with respect to the Federal Government. Many areas of Canada fall completely within provincial jurisdiction however, and the Council for Canadian Archaeology urges that they adopt similar legislation.

S 87-3-1A

Advisory Committee  
on Northern Development



Comité consultatif de la mise  
en valeur du Nord canadien

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MEMORANDUM TO THE ADVISORY  
COMMITTEE ON NORTHERN DEVELOPMENT

Attached is a copy of the Minutes of the 82nd meeting of the A.C.N.D. held on April 22, 1971, which was called to hear a presentation by Richard Rohmer, Q.C. on his suggestion for the establishment of a Mid-Canada Council. Members will recall that this concept as first brought forward by Mr. Rohmer was for the establishment of a Mid-Canada and Arctic Council. The proposal was made to the Prime Minister at the time that Mr. Rohmer presented the report of the Mid-Canada Development Conference. It did not, however, form a part of that report and the latest version of the proposal has omitted the reference to the Arctic.

Departments are now asked to indicate their position on the Mid-Canada Council proposal in the light of the discussion at the recent meeting and of their own views. The Secretariat will put these positions together into a paper for interdepartmental discussion so that recommendations can be made as to the appropriate government response.

It is hoped that this paper can be ready within the next month or so. I would be grateful, therefore, if departments could forward their comments by May 26 if possible.

L.A.C.O. Hunt,  
Secretary.

Department of Indian Affairs  
and Northern Development  
May 7, 1971.

Advisory Committee  
on Northern Development



Comité consultatif de la mise  
en valeur du Nord canadien

287-3-1A

ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT

Minutes of the 83rd meeting of the Advisory  
Committee on Northern Development, held on  
Thursday, May 6, 1971 at 400 Laurier Avenue  
West, Ottawa

PRESENT:

Mr. H.B. Robinson, Deputy Minister, Department of Indian  
Affairs and Northern Development (Chairman)

- Mr. J.F. Anderson, Department of National Defence
- Mr. A.J. Beesley, Department of External Affairs
- Dr. P.A. Belanger, Department of National Health and Welfare,
- Dr. T.G. How, Ministry of Transport
- Mr. C.P. Hughes, Department of Communications
- Dr. J.M. Harrison, Department of Energy, Mines and Resources
- Mr. A.D. Hunt, Department of Indian Affairs and Northern Development
- Mr. D.H. Kirkwood, Privy Council Office
- Mr. B. Macdonald, Department of Manpower and Immigration
- Mr. A.M. Pennie, Defence Research Board
- Mr. J.H. Parker, Government of the Northwest Territories
- Mr. A.T. Prince, Department of Fisheries and Forestry
- Mr. R.L. Richardson, Treasury Board
- Mr. G. Taylor, Department of Finance
- Supt. K.J. Parkins, Royal Canadian Mounted Police

Mr. L.A.C.O. Hunt, Department of Indian Affairs  
and Northern Development (Secretary)

ALSO PRESENT:

- L/Col. R. Bourne, Privy Council Office
- L/Col. D.G. Loomis, Department of National Defence
- Mr. S.A. Forman, Science Secretariat
- Mr. C.I. Jackson, Department of Fisheries and Forestry
- Mr. L.H. Legault, Department of External Affairs
- Mr. G. Murray, Department of External Affairs
- Mr. D.S. Loftus, Department of Communications
- Mr. T. Hyslop, Department of Indian Affairs and Northern Development
- Mr. G.W. Rowley, " " " "
- Mr. D.J. Gee, " " " "

Arctic Transportation Administration  
Document ND-504

Dr. T.G. How explained the purpose of the proposed Agency (the word "administration" has now been deleted). He reported that it would be small and that its functions were of a coordinating nature. The basic responsibilities would be for:

1. To coordinate all Arctic transportation matters with other government departments;
2. To identify an Arctic Transportation Program, which until now, was vested in the three main divisions of the Ministry. This would permit the presentation to Treasury Board with definite Arctic Transportation programs, and
3. To study and report on Arctic transport systems.

The Agency would be Ottawa based, but a liaison officer would be stationed in Yellowknife.

The discussion which followed examined the relationship between the A.C.N.D. and the proposed Agency, and in particular the role of the Sub-Committee on Transportation. It was explained that the reports and minutes of the Advisory Board of the ATA would be provided to the A.C.N.D.

Mr. Parker enquired whether the membership on the Board could be expanded to permit territorial representation. Some members showed concern about the possibility of phasing-out the sub-committee on transportation and while no one wished to see any duplication of effort, nevertheless it was felt that some matters concerning some aspects of transport could well be discussed in the A.C.N.D., perhaps before they were sent to the Board.

Dr. How pointed out that in the paper on the organization of the Agency, it did not recommend the phasing-out of the sub-committee. He further stated that the composition of the Board was not rigid and territorial representation would be welcome.

After further discussion the Committee noted the report on the Arctic Transportation Agency and agreed that the Board and the sub-committee of the A.C.N.D. could probably deal separately on certain matters and that for the time being the Sub-Committee would continue to function.

## II Arctic Science Conference

The Chairman spoke of the new steps now being taken regarding the proposed Conference. Letters had gone to members of the Committee who were asked to comment on the following approach to the Cabinet:

1. Cancel plans for the Conference.

2. Give active support to appropriate scientific conferences on Arctic matters by ensuring adequate Canadian representation, and by encouraging the holding of such conferences in Canada.
3. Resume closer liaison on co-operative and complimentary research between Canada and the U.S.A. as agreed at Montebello.
4. Pursue with the U.S.S.R. their suggestions of expanding bilateral cooperation in Arctic scientific matters.
5. Encourage bilateral discussions with other states on co-operative arctic research.

Of the replies received 15 out of 21 concurred. A draft memorandum has now been prepared and is now with External for comment. The memorandum includes a recommendation that A.C.N.D. be assigned responsibility to propose for Cabinet decision by September 1, 1971, machinery to ensure adequate Canadian representation at international arctic conferences and to suggest means to encourage the holding of such conferences in Canada. Mr. T. Hyslop elaborated on the proposals and it was suggested that further comments would be appreciated.

The Chairman also indicated that he would further discuss the memorandum with Mr. Ivan Head of the P.M.'s Office, in case the subject was raised at the Prime Minister's forthcoming visit to Moscow. The memorandum to Cabinet would not be submitted for Cabinet consideration until after the return of the P.M.

### III Arctic Treaty

Mr. A.J. Beesley explained the current position of the Arctic Treaty. A draft Treaty has been prepared and it is with the State Department. U.S. Government approval has not yet been given as the Defence Department has yet to agree with it. With prior approval of the State Department, a copy was passed to the U.S.S.R. They have not come along with any definite opinion. However, it may be that after the P.M.'s visit to the U.S.S.R., there will be some reaction to it. Mr. Beesley stated that it was still possible to have a Treaty without a conference. Some arrangement for an elaborate signing ceremony could take place with three States signing. Other States could sign later and the Treaty would only come into force after a given number of States have signed. There were other methods, but while the U.S. may be opposed in principle, they may wish to seek an accommodation.

The Committee noted this report and it was agreed that a further progress report would be made to the A.C.N.D. after the return of the P.M. from the U.S.S.R.

V Arctic Waters Pollution Prevention Act  
Document ND-502

Mr. D.J. Gee explained the contents of the document in considerable detail. There was discussion on such fundamental issues as "absolute liability" for pollution and costs and whether the rate of \$500.00 per ton would pay the costs of an oil spill from a 250,000 ton tanker. It was suggested if necessary the Act could be amended. It was pointed out that under the Act, tankers plying in Arctic waters would have to meet specifications concerning ship construction, navigation equipment, manning, etc.

Mr. Gordon Taylor hoped that the Department of Finance would be associated with any further discussions on the liability regulations, as well as being associated with the proposed discussions with the Shipping Federation. It was also pointed out that while crude oil may be shipped out by large tankers, smaller ones were bringing refined products to northern settlements. There could be a case made for different liability rates. The divergence of the Arctic Waters Pollution Prevention Act liability provisions from international practice as promoted by IMCO was discussed. It was suggested that at the environmental conference to be held in Sweden in 1972, a declaration of principles could be made which could have the effect of shaping international law, and of bringing the IMCO position on pollution liability closer to that of Canada.

The Committee examined the recommendations concerning liability and agreed that the Department of Finance should be associated with the proposed discussions as set forth in (a) and (b) on page 4 of the Document. There was also general agreement on these two recommendations.

The Committee agreed on the general intent of (c) page 4 of the Document but under the question of government underwriting, suggested "to review the implications of the Act for northern development and to examine the manner in which the liability question can be resolved, which might include an amendment to the Act".

Under Arctic Waters Quality Standards, page 5, the Committee requested elimination of the term "standards" as this was beyond the terms of reference of the Committee on Scientific Criteria.

Under Administration, page 5, the Committee gave general agreement, with the Ministry of Transport reserving judgement.

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The Committee also noted progress in the matter of Arctic Waters Pollution Prevention Regulations (b) page 7, and Arctic Waters Liability Regulations (c) page 7 of the Document.

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Sub-Committee on Northern Communications

The Committee agreed with the terms of reference as distributed. There was discussion on the wider issues of communication, the use of an information bank etc., and this was referred to the Co-ordinating Sub-Committee.

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This document was prepared for the Ditchley Conference and was tabled for information purposes.

VII Other Business

(a) Mr. Parker raised an issue concerning the Edmonton Industrial Airport and the possibility of it being denied to jet aircraft. He contended that the Government of the N.W.T. had not been consulted and that a decision to deny jet aircraft from using it would have an adverse affect on the N.W.T. economy and could conceivably increase the cost of living.

Dr. How confirmed that discussions were currently being held. It was a question of safety, although there was a need to consolidate operations at the International Airport.

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A progress report on the expedition was given.

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Mr. Beesley indicated that an exchange of notes between Ottawa and Washington had taken place and that the U.S. accepted the Canadian view that T3 is a "ship". This does not affirm or reject the "Sector" theory in any way.

(d) Planning Memorandum

A draft memorandum to Cabinet was circulated. The purpose of this memorandum was to respond to a Cabinet request to "develop a strategy which recognizes that the needs of the native people in the north are more important than resource development and that the maintenance of ecological balance is essential".

The Chairman asked the Committee to carefully consider this draft memorandum and to forward any comments not later than 31st May. The final memorandum will be submitted to the Priorities and

- 6 -

Planning Committee by June 15, after the P.M.'s return from the U.S.S.R. Separate letters to all the Deputy Ministers together with a further copy of this memorandum are being sent out immediately.

L.A.C.O. Hunt,  
Secretary.

Department of Indian Affairs  
and Northern Development  
May 10, 1971.

Advisory Committee  
on Northern Development



Comité consultatif de la mise  
en valeur du Nord canadien

S 87-3-1A

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Planning Committee by June 15, after the P.M.'s return from the U.S.S.R. Separate letters to all the Deputy Ministers together with a further copy of this memorandum are being sent out immediately.

L.A.C.O. Hunt,  
Secretary.

Department of Indian Affairs  
and Northern Development  
May 10, 1971.

**Advisory Committee  
on Northern Development**



**Comité consultatif de la mise  
en valeur du Nord canadien**

DOCUMENT XND-53

MEMORANDUM TO THE ADVISORY  
COMMITTEE ON NORTHERN DEVELOPMENT  
(CO-ORDINATING COMMITTEE)

S 187-3-1A

D.R.B. Arctic Research Sites

For a number of years the Defence Research Board has been occupying certain areas on or adjacent to Ellesmere Island.

At the request of the Defence Research Board, it has been decided to regularize this occupation, as they form important areas in the pursuit of knowledge in a variety of disciplines including meteorology, glaciology, oceanography, geology, biology and archaeology. Furthermore, by reserving these areas, it will prevent unnecessary encroachment by commercial interests.

The areas to be reserved against surface dispositions are as follows:-

1. Lincoln Bay - 14 sq. miles
2. Wrangel Bay - 10 sq. miles
3. Tanquary Camp - 5 sq. miles
4. Hazen Camp - 20 sq. miles
5. Ward Hunt Island - 5 sq. miles

Each of these areas has been delineated on the National Topographic Series maps.

Anyone seeking rights of entry will require advance approval from the Department of National Defence, except in cases of emergency.

In so far as the camp installations in any of these areas are concerned, many of them were constructed under the joint sponsorship of various federal departments by virtue of permits issued pursuant to the Scientists and Explorers Ordinance of the N.W.T. The laws regarding trespass are applicable in the reserved areas.

- 2 -

It is noted that the airstrips developed by the Defence Research Board would be available on request and that while the Department of National Defence requirements and interests would in general preclude the exploration for and development of the mineral resources, there could be special cases where this would not be so.

As in the past, Defence Research Board will continue to provide copies of the relevant reports.

L.A.C.O. Hunt,  
Secretary.

Department of Indian Affairs  
and Northern Development  
May 5, 1971.

S87-3-1A

PH

Department of  
Indian Affairs and  
Northern Development



Ministère des  
Affaires indiennes et  
du Nord canadien

OTTAWA, Ontario KIA OH4  
May 4, 1971.

our file/notre dossier  
your file/votre dossier

*[Handwritten signature]*  
DEPUTY MINISTER

ACND MEETING MAY 6 - AGENDA

*full packet*

I attach a folder with the agenda and working papers for the May 6 ACND meeting which have been circulated to members. The following are some brief notes on the various items included on the agenda. I thought it might be useful if you had some suggestions in advance as to how you might wish to deal with each matter.

ITEM I - ARCTIC TRANSPORTATION ADMINISTRATION

You are familiar with the basic concept of the ATA proposed by M.O.T.

Mr. Stoner will be at the meeting having indicated that he is willing to put the proposal before ACND for information but not for discussion and approval. The paper in the folder was circulated to members with the agenda.

This version of the paper does incorporate the points that you made in your letter to Mr. Stoner on the first draft. Of particular interest to us and presumably other ACND members is the relationship of the ATA and its Advisory Board to the ACND and particularly the Transportation Sub-Committee.

We have indicated to M.O.T. that we accept the fact that the Advisory Board will replace the Transportation Sub-Committee and do not object to this. There is provision in the proposal that the record of the proceedings of the Advisory Board will be filed with the ACND to ensure coordination at the D.M. level (paragraph 3, page 9 of proposal).

We might suggest that the minutes, etc. should be referred automatically to the ACND Secretariat so that they are circulated on a regular basis to member departments.

- 2 -

The organization, responsibilities and relationships of the ATA as well as the implementation, are summarized on pages 9 - 12 of the paper - which might serve as the basis of any discussion by members.

ITEM II - ARCTIC SCIENCE CONFERENCE

You will have received a memo from Tom Hyslop summarizing the comments on the proposal to recommend to Cabinet that the conference be postponed. A copy of the memo is included in the folder.

Mr. Hyslop will be available to attend the meeting if you wish to have any further elaboration or explanation.

ITEM III - ARCTIC TREATY

Mr. Beesley will give a verbal progress report on the status of the discussions in connection with the Treaty. No papers have been circulated in advance of the meeting.

ITEM IV - ARCTIC WATERS POLLUTION ACT

A special working group established under John Naysmith's chairmanship to draft regulations under the Act, reported to the ACND at its July 31, 1970 meeting.

At that meeting, ACND requested the group to consider five recommendations and to make a further report. The recommendations are reviewed in the attached report which has been circulated to members with the agenda.

- Recommendations 2 - 5 (pages 5 and 6) do not propose any action that requires the approval of the Committee. They should be noted by the Committee with any comments that members may wish to make.
- Recommendation no. 1 (page 4) deals with the really difficult problem of determining how pollution liability responsibility as stipulated in the Act can be met. It is the one recommendation on which a decision and direction is requested from ACND.

The paper proposes that further meetings be held with the industry and the Shipping Federation of Canada to further expose the problem of how the liability can be met in light of the concern expressed about the great economic burden that would be placed on the producers and shippers. This, I suggest, is as far as we can go at this point.

Members might be asked to comment on the paper as a response to their July request, confirm its proposals, and indicate any information they would like to have in a further report.

- 3 -

ITEM V - TERMS OF REFERENCE -  
SUB-COMMITTEE ON NORTHERN COMMUNICATIONS

The Sub-Committee on Northern Communications was reactivated at the request of the Department of Communications made at the Co-ordinating Committee meeting on November 19, 1970.

The terms of reference were approved at an early meeting of the Sub-Committee and are now before the main ACND for approval.

Mr. Loftus is Chairman of the Sub-Committee on Northern Communications and will be at Thursday's meeting.

ITEM VI - CANADIAN ARCTIC SOVEREIGNTY

This item is for information only. The paper prepared in External Affairs to be delivered by Mr. Beesley at the Ditchley Conference was circulated with the agenda.

Mr. Beesley might be given the opportunity to comment on it at the meeting if he is still there when it is reached on the agenda.

ITEM VII - OTHER BUSINESS

You indicated that you would probably include a report on Geoff Murray's paper at some time during the meeting.

It could be inserted after item V (ie) as the first item for information rather than decision. Gerry Stoner will probably want to leave after Item I so if you want him to hear the report it might follow immediately after the discussion of the ATA. It could also be raised under "Other Business" at the end of the meeting if you prefer.

In order to keep the members down, I am suggesting that in addition to myself, Mr. Mills and Mr. Rowley attend from the Department. Tom Hyslop and David Gee (on John Naysmith's staff) will be standing by to speak to Items II and IV respectively if they are needed.



A. D. Hunt,  
Assistant Deputy Minister,  
Northern Development.

Advisory Committee  
on Northern Development



Comité consultatif de la mise  
en valeur du Nord canadien

February 1, 1971.

BF 141  
X

TO: MEMBERS OF THE CO-ORDINATING COMMITTEE OF  
THE ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT

I. A. & N. D.  
CENTRAL SERVICES REGISTRY  
FEB 3 1971  
FILE No.   
CORD No.   
141

NOTICE OF MEETING

This is to confirm that the next meeting of the Co-ordinating  
Committee of the A.C.N.D. will be held on March 18, 1971 at  
2:00 P.M. in Room 1423, Centennial Tower, 400 Laurier Avenue  
West, Ottawa.

RECALL  
14/3 1971  
(35)  
Noted

I would be grateful if you would give consideration to items  
for discussion at the meeting and forward your suggestions to  
the Secretariat by February 23, 1971 so that they can be included  
on the agenda.

L.A.C.O. Hunt,  
Secretary.

Department of Indian Affairs  
and Northern Development

**Advisory Committee  
on Northern Development**



**Comité consultatif de la mise  
en valeur du Nord canadien**

To: MEMBERS OF THE CO-ORDINATING COMMITTEE  
ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT

From: THE CHAIRMAN, CO-ORDINATING COMMITTEE

Members will recall that at the 7th meeting held on January 19 there was discussion on employment of northern residents. The paper that was submitted at that meeting was one of a series since 1966 which have tried to set out the objectives and the basis that they can be achieved toward increasing the employment of northern residents by federal departments operating in the North with particular reference to Indians and Eskimos. It was pointed out at the meeting that the necessity to improve performance in this respect is unavoidable and that ways must be found to identify the jobs that are available, the people that are available to fill them and the gap that exists between the qualifications required and those possessed by possible applicants. It was agreed that departments should take steps now as a matter of urgency to survey their northern establishments as a basis for determining whether it is possible to establish some specific objective on a departmental basis as an alternative to the overall objective of 75% by 1977 which was adopted by the A.C.N.D. in 1966.

The following resolution was agreed to at the January 19 meeting:

"The Committee agreed that departments and agencies of the federal government and the Government of the N.W.T. would review positions on its northern establishment to identify the duties and qualifications required and to determine what training must be necessary to qualify a northern resident for the positions in the future. It was further agreed that the services of the Employment Liaison Officers of the Department of Indian Affairs and Northern Development would be made available to departments to assist in the carrying out of the surveys and to explain the training facilities that are available."

The meeting also agreed that departmental representatives on the Committee would advise the appropriate officers in their departments of the urgency of this matter and give whatever assistance is necessary in arranging meetings between the personnel staff of departments and the staff of the Department of Indian Affairs and Northern Development to carry out the surveys.

- 2 -

The Secretary of the Committee, Mr. L.A.C.O. Hunt, should be contacted at the time that meetings are to be arranged. I am satisfied that the Employment Liaison staff of this department can render a real service to departments in facilitating the surveys but it is understood and agreed that the departments themselves will carry out the surveys and not the staff of this department.

I would hope that the examination of northern establishments can begin immediately so that the information needed can be put together for discussion at the next meeting of the Co-ordinating Committee scheduled for the 18th of March.

I look forward to your continued co-operation.

A. D. Hunt,  
Chairman,  
Co-ordinating Committee.

DEPARTMENT OF COMMUNICATIONS



MINISTÈRE DES COMMUNICATIONS

PA

*GRA*

IN REPLY QUOTE: 1165-50  
RÉF. À RAPPELER: 1165-50

Mr. L.A.C.O. Hunt,  
Secretary,  
Advisory Committee on Northern Development,  
400 Laurier Avenue W,  
OTTAWA 4, Ontario.

1. January 29, 1971. CENTRAL SERVICES REGISTRY FEB 5 1971 FILE No. <i>587-3-1A</i> TEL. No. _____
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Dear Mr. Hunt:

Since I will be reporting to the Advisory Committee on Northern Development on behalf of the Northern Communications Committee I would appreciate your sending me directly notices and minutes of A.C.N.D. meetings.

Yours sincerely,

*[Signature]*  
D.S. Loftus

*Noted*  
*GRA*

FOLD | PLIEZ

FOLD | PLIEZ

Advisory Committee  
on Northern Development



Comité consultatif de la mise  
en valeur du Nord canadien

*PA*

*Copy to  
Murray  
H.H.H.*

NORTHERN COMMUNICATIONS COMMITTEE

The 1st meeting of the Northern Communications Committee of the Advisory Committee on Northern Development will be held on February 4, 1971 at 2:00 p.m. in Room 1006, Berger Building, 100 Metcalfe Street, Ottawa

I. A. & N. D.
CENTRAL SERVICES REGISTRY
FEB 2 1971
FILE No. 87-3-1A
CORR. No.
REFER. TO

AGENDA

- Terms of reference - attached.
- Deactivation of Special Committee on Northern Communications (meeting held October 14, 1969).
- Telecommunication requirements from Departments by location.
- Common Carrier expansion programs.

C. C. Hitsman,  
Secretary.

Department of Indian Affairs  
and Northern Development  
January 26, 1971.

**Advisory Committee  
on Northern Development**



**Comité consultatif de la mise  
en valeur du Nord canadien**

DOCUMENT COMS-1

NORTHERN COMMUNICATIONS COMMITTEE

Terms of Reference

- a) To maintain a continuous review of developments in Northern Communications in order to assist all agencies interested and active in the North to co-ordinate communications requirements and planning.
- b) To identify immediate and long term user requirements for communications in the North for both private and public telecommunications services.
- c) To determine which communication systems and techniques can best meet communication requirements and review the latest research and developments which could technically and commercially be exploited for application in the North.
- d) To consolidate where possible communication requirements and assist in the formulation of national system plans which will satisfy needs in the context of overall northern development.
- e) To translate and interpret broad communication requirements to the telecommunications common carriers and involve them in the planning process where appropriate.
- f) Evaluate telecommunication trends and planning and assess their social and economic impact on other activities related to northern development.

D. S. Loftus,  
Chairman,  
Northern Communications Committee.

Dr. Fred R. Hunt,  
Radio and Electrical Engineering Division,  
National Research Council of Canada,  
Montreal Road,  
Ottawa 7, Ontario.  
Tel. 3-2007

Mr. R.W. Erdmann,  
Resource Program Division,  
Department of Finance,  
Room 336, Confederation Bldg.,  
Wellington St. cor. of Bank,  
Ottawa 4, Ontario.  
Tel. 6-2502

Mr. A. Cowan,  
Canadian Broadcasting Corporation,  
P.O. Box 8478,  
Ottawa, Ontario.  
Tel. Info. 731-3111

alternate

Mr. H. Walker,  
Canadian Broadcasting Corp.,  
P.O. Box 8478,  
Ottawa, Ontario.  
Tel. Info. 731-3111

Mr. N.A. Wiksten,  
Planning Division,  
Department of Regional  
Economic Expansion,  
Room 1246, Sir Guy Carleton Bldg.,  
161 Laurier Avenue West,  
Ottawa, Ontario.  
Tel. 2-9966

Dr. J. Meek,  
Defence Research Board,  
Planning Group,  
"A" Building,  
125 Elgin Street,  
Ottawa, Ontario.  
Tel. 2-6983

Mr. B.J. McIntyre,  
Supt. of Radio Communication  
and Engineering Telecom,  
Ministry of Transport,  
B18 #3 Building,  
Wellington Street,  
Ottawa, Ontario.  
Tel. 2-3914

Mr. F. Gaffney,  
Department of Energy, Mines  
and Resources,  
Room 156,  
588 Booth Street,  
Ottawa, Ontario.  
Tel. 4-9435

Mr. Kanwisher of the Department of National Defence will attend  
if meeting called before they have nominated their representative.

WILL NOT BE REPRESENTED

Department of Agriculture  
Department of Public Works  
Department of Fisheries and Forestry  
Department of Manpower and Immigration  
Government of the Yukon Territory - want papers  
Department of Supply and Services - want papers

ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT

SUB-COMMITTEE ON NORTHERN COMMUNICATIONS

Mr. D.S. Loftus, (Chairman)  
Northern Telecommunications Branch,  
Department of Communications,  
Room 917, Berger Building,  
100 Metcalfe Street,  
Ottawa 4, Ontario.  
Tel. 2-1487

Dr. W.H. Frost,  
Senior Medical Adviser,  
Medical Services Branch,  
Department of National Health and Welfare,  
Room 1978, General Purpose Building,  
Ottawa, Ontario.  
Tel. 2-2996

Mr. W.D. Mills,  
Assistant Director,  
Economics, Research and Planning,  
Department of Indian Affairs  
and Northern Development,  
Room 957, Centennial Tower,  
400 Laurier Avenue West,  
Ottawa 4, Ontario.  
Tel. 2-5221

Mr. James Whelly,  
Special Projects Officer,  
Government of the N.W.T.,  
Yellowknife, N.W.T.

Mr. R.E. Reynolds, Head alternate  
Transport, Communications and  
Energy Division,  
Department of External Affairs,  
Room 236, Langevin Block,  
Ottawa, Ontario.  
Tel. 2-6901

Mr. D.W. Fulford, Deputy Head,  
Transport, Communications and  
Energy Division,  
Department of External Affairs,  
Room 236, Langevin Block,  
Ottawa, Ontario.  
Tel. 6-2391

Mr. L.G. Crutchlow, alternate  
Director,  
Transportation and Communications  
Division,  
Program Branch,  
Treasury Board Secretariat,  
Confederation Bldg.,  
Ottawa 4, Ontario.  
Tel. 6-2499

Mr. M.E. Matusiak,  
Program Officer,  
Communications Division,  
Treasury Board Secretariat,  
Confederation Bldg.,  
Ottawa 4, Ontario.  
Tel. 6-2556

Mr. R.M. Aldwinckle,  
Science Advisor,  
Science Secretariat,  
Privy Council Office,  
East Block,  
Ottawa 4, Ontario.  
Tel. 6-5426

C/Supt. W.J. Huget,  
Officer in Charge,  
Telecommunications Branch,  
R.C.M. Police,  
1200 Alta Vista Drive,  
Ottawa, Ontario.  
Tel. 2-7347

Department of  
Indian Affairs and  
Northern Development



Ministère des  
Affaires indiennes et  
du Nord canadien

OTTAWA 4, January 15, 1971.

MR. A.D. HUNT

ACND CO-ORDINATING COMMITTEE  
JANUARY 19, 1971

our file, notre dossier  
votre file, votre dossier

S.8.7-3-14

I am attaching the folder containing the agenda and documentation for the Co-ordinating Committee meeting next Tuesday.

We will be circulating separately before the meeting a short report on the meeting I attended on the Northern Atlas Proposal last Friday and Saturday. I will have a copy in your hands today. I also propose to circulate for the meeting two short papers dealing with the radio twinning proposal and the northern university proposal that we understand will be recommended in the Mid-Canada Foundation submission to the Prime Minister. You will see these in draft for approval before they are typed up for final distribution.

Your folder contains a summary of responses to our request for statistics on the employment of northern residents. Note that the N.W.T. has not obliged for either reporting period. This list is for your information and has not been circulated to the other members.

I trust that this is satisfactory.

PS - I think you know that John Parker will attend the meeting.

  
W. D. Mills,  
Assistant Director,  
Economics, Research and Planning.

c.c. L.A.C.O. Hunt

**Advisory Committee  
on Northern Development**



**Comité consultatif de la mise  
en valeur du Nord canadien**

*[Handwritten signature]*

CONFIDENTIAL

ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT

Minutes of the 81st meeting of the Advisory  
Committee on Northern Development, held on  
Thursday, November 26, 1970 at 400 Laurier  
Avenue West

I.A. & N.D.
CENTRAL SERVICES REGISTRY
JAN 11 1971
FILE No. <u>S87-3-1A</u>
CORR. No. _____
REFER. TO _____

PRESENT:

Mr. H.B. Robinson, Deputy Minister, Department of  
Indian Affairs and Northern Development (Chairman)

- Dr. J.C. Arnell, Department of National Defence
- Mr. J.D. Darling, Department of Manpower and Immigration
- BGen R.A.B. Ellis, Department of National Defence
- Dr. W.H. Frost, Department of National Health and Welfare
- Dr. N.B. Hutcheon, National Defence Council
- Dr. R.C. Langille, Department of Communications
- Mr. A.M. Pennie, Defence Research Board
- Dr. E.F. Roots, Department of Energy, Mines and Resources
- Mr. L. Legault, Department of External Affairs
- Dr. R.S. Rettie, Privy Council Office
- Mr. H.M. Walsh, Ministry of Transport

Mr. L.A.C.O. Hunt, Department of Indian Affairs and  
Northern Development (Secretary)

ALSO PRESENT

- Mr. A.D. Hunt, Assistant Deputy Minister, Department of  
Indian Affairs and Northern Development
- Brig R. Withers, Department of National Defence
- Mr. A.J. Reeve, Department of Indian Affairs and Northern Development
- Mr. K.R. Greenaway, " " " " "
- Mr. W.D. Mills, " " " " "
- Mr. T. Hyslop, " " " " "
- Mr. C.C. Hitsman, " " " " "
- Mr. T. Thorgrimsson, Department of Energy, Mines and Resources
- Mr. R.W. Parsons, Ministry of Transport
- L/Cdr A.D. Taylor, Department of National Defence

I Revised Arctic Treaty - Document ND-493

The Chairman confirmed that the latest draft of the proposed treaty had been circulated to members and that it contained the amendments agreed to between the Canadians and Americans on their last meeting in Washington. The Committee reviewed the revised version on a section by section basis during which there was a general discussion concerning the interpretation of various articles.

There was specific discussion of Article II dealing with whether it was in conflict with other articles particularly Section 2 of Article VII. It was pointed out that an inconsistency could exist as between Section 2 and Section 9 of Article VII, concerning the question of jurisdiction by a coastal state as defined in the regulations and individual sovereignty. Mr. Legault expressed the view that Sections 2 and 9 of Article VII were two different procedures for amending the Treaty. It was noted that many of the points raised were in reality drafting problems which could be rectified after the next round of discussions.

In the discussion some basic questions were identified which did require clarification. These included the jurisdiction of a coastal state and whether it could enforce a regulation which has not been approved by the Arctic Commission. There was also the question of which nations could be considered as coastal states, and whether Sweden and Finland were in this category. The question of possible conflict between the provisions of this proposed Treaty and the Canadian Arctic Waters Pollution Act was discussed. It was noted that the latter Act did contain certain features which limit jurisdiction. There was consideration of the question of penalties and whether they can be established as less than those prescribed under Canadian law when the offence is committed in an area under Canadian jurisdiction.

It was pointed out that under Article II there is provision for conciliation and binding arbitration and that the treaty should perhaps point out the means by which this could be made operative.

Another point raised concerned the exclusion of ships under 100 tons. It was pointed out that a ship of this size could be carrying a pollutant and that therefore there was some doubt about the wisdom of establishing exclusion on the basis of size.

After due consideration of the many issues raised, the Committee agreed with the elimination of sub-sections A-E of Section 2 of Article IX.

At the conclusion of the discussion the Committee agreed that a small working group with representatives from the Department of External Affairs, Transport, National Defence, Indian Affairs and Northern Development and the Defence Research Board would redraft

the draft Treaty incorporating the points raised in the discussion. Mr. Legault confirmed that following another round of discussions with the American Authorities early in 1971, the Committee would have another opportunity to review the Treaty in draft form.

## II Arctic Science Conference

Dr. Roots, Acting Chairman of the Science and Technology Sub-Committee, reported on progress of arrangements for this Conference, originally scheduled to be held in April, 1971, in Calgary. He raised the question as to whether it would be possible and desirable to hold the conference in April, 1971, as planned in view of the short time remaining to make all the arrangements necessary for its success.

During this ensuing discussion it was pointed out that even if the Conference was postponed until the fall of 1971, providing an early announcement was made and invitations issued, Canada would still retain the initiative.

The Chairman explained that there was a need to make an early public announcement of the Conference as other countries would require time to develop their papers. He suggested that if the Committee agreed to postpone the Conference it would be necessary to obtain Cabinet approval which would undoubtedly be forthcoming. Dr. Rettie expressed concern on behalf of Dr. Uffen about any move to postpone the Conference and suggested that he should be consulted.

After further discussion, the Committee agreed to recommend to Cabinet that the Conference be postponed to the fall of 1971 subject to the Chairman obtaining the views of Dr. Uffen immediately.

## III Reports by Chairmen of Sub-Committees

- (a) The report of the Co-ordinating Committee was presented by Mr. A.D. Hunt, Chairman, and is attached as Document ND-494 and was approved by the Committee.
- (b) The report of the Sub-Committee on Science and Technology was presented by Dr. E.F. Roots, Acting Chairman, which is attached as Document ND-495 and was approved by the Committee.
- (c) The report of the Sub-Committee on Transportation was presented by Mr. H.M. Walsh, Chairman, which is attached as Document ND-496 and was approved by the Committee.

CONFIDENTIAL

IV Other Business

The Committee approved the re-activation of the Sub-Committee on Northern Communications, as requested in the report of the Co-ordinating Committee.

L.A.C.O. Hunt,  
Secretary.

Department of Indian Affairs  
and Northern Development  
December 31, 1970.

**Advisory Committee  
on Northern Development**



**Comité consultatif de la mise  
en valeur du Nord canadien**

CONFIDENTIAL

DOCUMENT ND-494

MEMORANDUM TO THE ADVISORY  
COMMITTEE ON NORTHERN DEVELOPMENT

Report by the Chairman, Coordinating Committee

There are two unfinished items arising from the last report presented at the 76th meeting of the Advisory Committee. First, although approval was received to submit to Cabinet the document "Strategy for Northern Economic Development" this has not been done to date. Instead, the document "National Objectives for the North" for which the Coordinating Committee was charged to prepare, was sent to Cabinet having been signed by the Minister of Indian Affairs and Northern Development. Should Cabinet approve this document, we intend to move immediately to submit the "Strategy". The second delay concerns the "Employment of Northern Residents". A small committee is working on the problems of reporting, and definitions, as well as addressing itself to the overall objectives as to whether they represent a realistic goal in terms of a northern work force. This report should be ready in time for the next meeting of the Coordinating Committee.

At the fourth and sixth meetings of the Coordinating Committee, the Canadian Armed Forces presented a comprehensive picture of what their role should be in the north as its contribution to the maintenance of Canadian Sovereignty. These presentations have resulted from discussions with federal departments and agencies, and will develop into long term plans to cover requirements and capabilities 1973-83. Your committee believes that these discussions with the members of the several task forces established to investigate specific problems relating to the Canadian Forces role in the north have been meaningful and should continue.

Your committee has also reviewed Canada/U.S.S.R. relations and recommends that the A.C.N.D. should play a more active part in the coordination of official northern visits on an exchange basis, not only those covered by the Agreement on Industrial, Technical and Economic cooperation between the two countries, but also those which might conceivably not be covered by this Agreement.

The committee has also reviewed a number of applications for land leases for the establishment of harbour and other facilities. Discussions on preserving the environment, and the protection of the indigenous population have resulted from these discussions.

during the summer the Committee tabled a variety of papers for information to its members, and these included:

1. Proposed amendments to the Canada Oil and Gas Land Regulations.
2. Draft set of proposals leading towards a Revision of the Canada Mining Regulations.
3. Foreign Ownership and Control in the North.
4. Closing of Fox-1 DEW station.
5. Ditchley Conference.
6. Monzino Polar Expedition.
7. Transfer of responsibility for maintenance Alaska Highway.

The diversity of these topics indicate the scope of information available to the members.

Finally, it is proposed to re-activate the sub-committee on communications, with the Department of Communications providing the Chairman and the Secretariat of A.C.N.D. providing the secretarial functions. It is recommended that this be approved and that the terms of reference, when prepared, will be submitted to this Committee for approval.



A. D. Hunt,  
Chairman,  
Coordinating Committee.

Department of Indian Affairs  
and Northern Development  
November 24, 1970.

CONFIDENTIAL

DOCUMENT ND-495

SUB-COMMITTEE ON SCIENCE AND TECHNOLOGY

Chairman's Report to the Advisory Committee on Northern Development

Since Dr. Harrison last reported to A.C.N.D. in May 1970 (ND-486), the Sub-committee on Science and Technology has met four times. Two items for immediate action have been before the Sub-committee, both at the request of the Cabinet Committee on Science and Technology.

1. A proposed intergovernmental conference on Arctic scientific problems.

The Sub-committee endorsed a memorandum to Cabinet setting out time, place, objectives and rationale, for a conference, and Cabinet has approved the holding of a conference. Work on the proposed conference is organized on behalf of the Sub-committee through a planning group, meeting regularly, in coordination with a conference secretariat under Mr. C.T. Hyslop of I.A. & N.D.

A.C.N.D. support is requested in assigning a high priority to the writing of papers to be delivered by Canadian delegates as this may require setting aside for a time other pressing duties.

The conference planners require direction on the extent to which the conference may be opened to the press and persons other than official delegates. It is suggested: plenary sessions be opened to the press; committee discussions be attended by delegates only; there be a banquet at which an important address be made by an appropriate speaker and for this the press should be invited and possibly certain other persons in addition to all official delegates.

2. The federal government's program of Arctic research.

An inventory of the federal program of arctic research is presently underway by B.K. Greenaway working with the Acting Chairman, and with members of the Sub-committee serving as departmental contacts for the obtaining of relevant data. This is the first step in preparing a statement on overall objectives, the present and projected program of Canadian Arctic research.

Other items before the Sub-committee currently are: informal liaison with the Interagency Arctic Research Coordinating Committee, a U.S. committee for arctic research; consideration of the Arctic Institute of North America, its role and federal support for it; and northern research stations.

- 2 -

Among the review items engaging the Sub-committee are:

1. The level of Federal government support to non-government institutions concerned with northern research and the mechanism for such support.
2. The need for and the means of support for government supported research facilities in the north.
3. The involvement of the Federal government in major multi-disciplinary arctic programs.

The Sub-committee has been designated as the Canadian Government body that will meet with representatives of the U.S. Government Scientific Agencies to discuss matters of common interest in arctic science. Accordingly, members of the Sub-committee have attended an open meeting of the U.S. Interagency Arctic Research Coordinating Committee and it is expected that a reciprocal exchange will be arranged when appropriate.

Dr. E.F. Roots,  
Chairman,  
Sub-committee on Science  
and Technology.

November 25, 1970.

TRANSPORTATION SUB-COMMITTEE

Chairman's Report to A.C.N.D.

The Transportation Sub-committee has met four times since May 1970. Working groups have been established to consider five broad aspects of transportation oriented services in the north.

1. Northern Airports
2. Air Navigation Aids
3. Marine Navigation Aids
4. Meteorological Services
5. Ice Information Services

Each working group (above) has produced a report that will be presented as a paper at the forthcoming Arctic Transportation Conference at Yellowknife, N.W.T., December 8-9, 1970.

A sixth working group has been considering transportation studies and will recommend shortly on the needs of the Mackenzie Waterway. Other transportation studies will be considered in the light of results of the Arctic Transportation Conference.

Other matters before the Sub-committee include:

- (a) Policy aspects of the lease of crown lands in the north for logistic support bases.
- (b) The feasibility of rationalizing the supply of P.O.L. products to meet the needs of the federal and territorial governments.
- (c) Advice on several transportation problems placed before the committee by member departments.

H. M. Walsh,  
Chairman,  
Transportation Sub-committee.

*G.W. Rowley*

*PA*

CANADIAN SERVICES REGISTRY
JUN 19 1970
FILE NO. 587-3-1A

ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT

NOTICE OF MEETING

Please be advised that by order of the Chairman, Mr. H.B. Robinson, the Seventy-Eighth Meeting of the Advisory Committee on Northern Development is called for 2:30 p.m. Tuesday, 23rd June, 1970, in the ~~14th~~ *Om 1032* floor boardroom of the Department of Indian Affairs and Northern Development, Centennial Tower, 400 Laurier Avenue West, Ottawa 4, Ontario.

The Agenda will include:-

1. "National Objectives for Northern Canada"
2. Report on Canada/U.S. discussions, 16 June, 1970.
3. Report on progress (Working Group on Arctic Waters Pollution Act).

L.A.C.O. Hunt,  
Secretary.

*File  
Pls remind me  
for R*

*W.D. Mills*

*Allen P.A.*

Ottawa 4, November 24, 1970.

INDUSTRIAL SERVICES REGISTRY  
R-130-20

25  
S 87-3-1A

Dr. Robert J. Uffen,  
Chief Science Adviser  
to the Cabinet,  
Science Secretariat,  
Trafalgar Building,  
Ottawa, Ontario.

Dear Dr. Uffen,

- I enclose a copy of the minutes of the 5th meeting of the Coordinating Committee of the Advisory Committee on Northern Development. Under discussion of the research proposal by
- Northern Associates (Document XND-17 attached) it was agreed that you should be informed of the action taken by the Committee.

The proposals were circulated to all members and the general consensus was along the lines contained in my letter of October 5 to the members. It was left up to individual departments who, in the light of their own programs and commitments, would make their own representations to Northern Associates, if they so desired. However, to avoid any duplication, Departments should advise A.C.N.D. of any work they propose to ask Northern Associates to do for them. I should also mention that it was felt that the Department of Indian Affairs and Northern Development would be the department that would likely call on Northern Associates' services to the greatest extent.

I understand replies have gone to Northern Associates from several departments. In view of this, I would not think it necessary for the Prime Minister to reply too.

Yours sincerely,

APPROVED

A/DIRECTOR  
Northern Economic  
Development Branch

A. D. Hunt,  
A/Assistant Deputy Minister,  
(Northern Development).

Encls.

L.HUNT/REEVE/bw

TO: *Mr. Agre?*  
A:

Date

- Approval / Approbat
- Signature
- Comment / Commentaire
- Action / Donner suite
- Direct Reply / Répondre directement
- Copy for this office / Copie pour ce bureau
- Preparation of reply by / Réponse d'ici le
- May we discuss / Discussion avec nous
- As requested / Selon indications
- Note / Noter
- Note and return / Noter et retourner
- Note and forward to / Noter et faire suivre à
- Information

*[Handwritten signature]*

*We agree.*

*[Handwritten initials]*

000445

*9/18/11*

P. A.

NOV 25 1970  
SERVICES REGISTRY  
S87-3-1A

Dr. Robert J. Uffen,  
Chief Science Adviser  
to the Cabinet,  
Science Secretariat,  
Trafalgar Building,  
Ottawa, Ontario.

Ottawa 4, November 24, 1970.

R-150-20

Dear Dr. Uffen,

- I enclose a copy of the minutes of the 5th meeting of the Coordinating Committee of the Advisory Committee on Northern Development. Under discussion of the research proposal by Northern Associates (Document XND-17 attached) it was agreed that you should be informed of the action taken by the Committee.

The proposals were circulated to all members and the general consensus was along the lines contained in my letter of October 5 to the members. It was left up to individual departments who, in the light of their own programs and commitments, would make their own representations to Northern Associates, if they so desired. However, to avoid any duplication, Departments should advise A.C.N.D. of any work they propose to ask Northern Associates to do for them. I should also mention that it was felt that the Department of Indian Affairs and Northern Development would be the department that would likely call on Northern Associates' services to the greatest extent.

I understand replies have gone to Northern Associates from several departments. In view of this, I would not think it necessary for the Prime Minister to reply too.

Yours sincerely,



A. D. Hunt,  
A/Assistant Deputy Minister,  
(Northern Development).

Encls.

L.HUNT/REEVE/bw

Advisory Committee  
on Northern Development



Comité consultatif de la mise

en valeur du Nord canadien.

REGISTRY  
NOV 22 1970  
FILE No. 887-3-1A  
REFER TO Rowley

ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT

There will be a meeting of the Main Committee of the Advisory Committee on Northern Development on Thursday, November 26th at 11:00 a.m. in the 14th floor Conference Room of the Department of Indian Affairs and Northern Development, Centennial Tower, 400 Laurier Avenue West, Ottawa.

AGENDA

1. Arctic Treaty (Secretary's memorandum Document ND-493 distributed November 19).
2. Arctic Science Conference (progress report).
3. Reports of Chairmen - sub-committees.
4. Other Business.

L.A.C.O. Hunt,  
Secretary.

November 20, 1970.



IN REPLY PLEASE QUOTE  
RÉFÉRENCE À RAPPELER

DRB 170-80/A6 (DC(0))

DEFENCE RESEARCH BOARD

CONSEIL DE RECHERCHES POUR LA DÉFENSE

DEPARTMENT OF NATIONAL DEFENCE  
MINISTÈRE DE LA DÉFENSE NATIONALE  
CANADA

Ottawa 4, Ontario,  
November 16, 1970.

Secretary,  
Advisory Committee on Northern Development,  
Department of Indian Affairs & Northern Development,  
Room 910, Centennial Tower,  
400 Laurier Avenue, W.,  
Ottawa 4, Ontario.

1. At the last meeting, when we dealt with the draft of the proposed Arctic Treaty, there was considerable discussion concerning the definitions of arctic areas and responsibility limits, including the sensibility of involving Sweden, Finland and the United Kingdom in the Treaty group.
2. Our Arctic Section has reviewed the draft and I forward the following observations which you should pass on to those involved in re-drafting the Treaty.

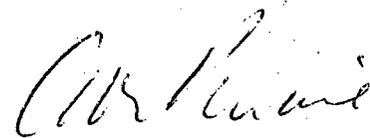
"The whole geographical concept seems to be woolly. Either they want to talk about Arctic waters or they want to talk about Ice-infested waters. In the first case the definition of areal limits is tricky, as definitions of the Arctic always are; maybe 60°N is not such a bad one, provided that an exception is made of the North European area, where the line should run roughly from Cape Farewell to N.W. Iceland to Spitzbergen to the White Sea. In the second case this line would still apply, but in some areas the limit should be well south of 60°N so as to include the whole Baltic (not just the Gulf of Bothnia) the Sea of Okjotsk and Labrador Sea. Exclude the Gulf of St. Lawrence, Hudson Bay and the Caspian Sea because they are enclosed waters affecting one state only.

"If we relate these alternatives to the countries which should be included as Contracting Parties the first case would exclude Sweden and Finland and the second would include not only these countries but also Poland, East Germany, West Germany, and Japan. Our opinion is that the first alternative is the only sensible one and that the Contracting Parties should be restricted to Canada, Denmark, Norway, Iceland, the USSR and USA. There is no justification for including the Gulf of Bothnia without all the other "non-arctic" seas. The Labrador Sea however, should perhaps be added.

... /2

"Since the treaty obviously is aimed at pollution occurring in ice covered water one could use the first alternative with the addition of Japan and excluding Finland and Sweden. However, the way this "flyer" is worded the chances of it being accepted by the USSR and probably the U.S. are very remote (see p. 6 and 15) in particular.

"In the definitions of polluting agents the phrase "by other than natural means" should be added to line 1 of f (i) page 2 after "waters". The phrase "added by other than natural means" should be added to line 1 of f (ii) page 3 after the word "substance". Without these additions fluctuations in the natural equilibria could be regarded as pollution."



(A. M. Pennie)  
DRB Member, ACND.

COMM NWTGOV YK

IAND OTT

NOV 20/70

S M HODGSON COMMISSIONER NWT

YELLOWKNIFE

PA

23/11/70

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COMMUNICATIONS REGISTRY

2211

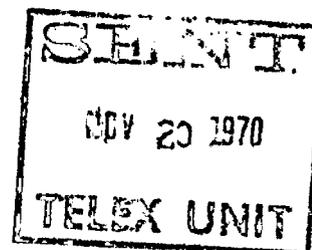
587-3-1A

RB 4416 D M IS REPLYING FAVOURABLE TO UR LETTER OF NOV 10 CONCERN-  
ING ATTENDANCE AT ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT MEETINGS  
MEANTIME MAIN COMMITTEE WILL MEET THURSDAY NOV 26TH IN DEPT BOARD RXX  
ROOM AT 11 AM THE AGENDA WILL CONSIST OF DISCUSSING THE 3RD DRAFT  
ARCTIC TREATY (DOCUMENT 493) PROGRESS REPORT ON THE PROPOSED ARCTIC  
SCIENCE CONFERENCE AND REPORTS FROM THE CHAIRMEN OF THE SCIENCE AND  
TECHNOLOGY SUB-COMMITTEE AND TRANSPORTATION SUB-COMMITTEE A NEW SUB  
-COMMITTEE ON COMMUNICATIONS HAS BEEN ESTABLISHED UNDER THE CHAIR-  
MANSHIP OF DEPT OF COMMUNICATIONS AND SECRETARIAT RESPONSIBILITIES  
THIS OFFICE ANYONE OF THOSE DESIGNATED IN UR LETTER TO ATTEND  
NEXT THURSDAY'S MEETING WOULD BE MOST WELCOME

L A C O HUNT SECRETARY ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT

LAST LINE THURSDAY'S

IAND OTT





Department of Indian Affairs  
and Northern Development

Ministère des Affaires indiennes  
et du Nord canadien

**MESSAGE FORM**

**FORMULE DE MESSAGE**

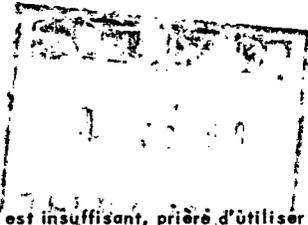
TO: S.M. HODGSON, COMMISSIONER OF N.W.T., BOX 1320, YELLOWKNIFE, N.W.T.	FROM: DE L.A.C.O. HUNT, SECRETARY, Branch ADVISORY COMMITTEE ON Direction NORTHERN DEVELOPMENT Division OTTAWA	Not to be included in Message: A ne pas comprendre dans le message:  File No. Dossier n°
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Telex Phone No. (if available) Numéro de téléphone telex (si on le sait)	PRIORITY (Check whichever is applicable) For Delivery Within 1 hr. <input checked="" type="checkbox"/> Within 3 hrs <input type="checkbox"/> De Livraison D'ici 1h <input checked="" type="checkbox"/> D'ici 3h <input type="checkbox"/>	Délai (pointer le délai voulu) By 8:30 A.M. Tomorrow <input type="checkbox"/> Au plus tard à 8h30 demain matin <input type="checkbox"/>
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PLEASE PRINT PLAINLY OR TYPE MESSAGE BELOW  
 PRIÈRE D'ÉCRIRE EN MOULÉ OU DE DACTYLOGRAPHIER LE MESSAGE DANS L'ESPACE CI-APRÈS

CODE NO-CODE N°	
Originator's - Envoyeur	Addressee's - Destinataire
RB 4416	

D.M. IS REPLYING FAVOURABLY TO YOUR LETTER OF NOVEMBER 10 CONCERNING ATTENDANCE AT ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT MEETINGS. MEANTIME MAIN COMMITTEE WILL MEET THURSDAY NOVEMBER 26 IN DEPARTMENT BOARD ROOM AT 11:00 A.M. THE AGENDA WILL CONSIST OF DISCUSSING THE THIRD DRAFT ARCTIC TREATY (DOCUMENT 493) PROGRESS REPORT ON THE PROPOSED ARCTIC SCIENCE CONFERENCE AND REPORTS FROM THE CHAIRMEN OF THE SCIENCE AND TECHNOLOGY SUB-COMMITTEE AND TRANSPORTATION SUB-COMMITTEE. A NEW SUB-COMMITTEE ON COMMUNICATIONS HAS BEEN ESTABLISHED UNDER THE CHAIRMANSHIP OF DEPARTMENT OF COMMUNICATIONS AND SECRETARIAT RESPONSIBILITIES THIS OFFICE. ANYONE OF THOSE DESIGNATED IN YOUR LETTER TO ATTEND NEXT THURSDAY'S MEETING WOULD BE MOST WELCOME.



If further space is required please use a second page - Si cet espace est insuffisant, prière d'utiliser une deuxième feuille.

The following information must be supplied but will not be sent with the above message.  
 Prière de fournir les renseignements suivants qui, toutefois, ne feront pas partie du message ci-dessus.

Message Prepared by - Rédigé par -	L. A. C. O. HUNT	Telephone No.: Numéro de téléphone:	2-6515	Date 20/11/70	Signature of Person Authorizing Message: Signature de la personne autorisant l'envoi du message:
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Advisory Committee  
on Northern Development



Comité consultatif de la mise  
en valeur du Nord canadien

ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT

There will be a meeting of the Main Committee of the Advisory Committee on Northern Development on Thursday, November 26th at 11:00 a.m. in the 14th floor Conference Room of the Department of Indian Affairs and Northern Development, Centennial Tower, 400 Laurier Avenue West, Ottawa.

I.A. & N.D.	
CENTRAL SERVICES REGISTRY	
DATE	22. 1970
FILE No.	S87-3-1A
CORR. No.	544
REFER. TO	DM

*BF Nov 25.*

AGENDA

1. Arctic Treaty (Secretary's memorandum Document ND-493 distributed November 19). *Attached.*
2. Arctic Science Conference (progress report).
3. Reports of Chairmen - sub-committees.
4. Other Business.

L.A.C.O. Hunt,  
Secretary.

November 20, 1970.

Advisory Committee  
on Northern Development



Comité consultatif de la mise  
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Secretary.

November 20, 1970.



## ACTION REQUEST - FICHE DE SERVICE

GOVERNMENT OF CANADA

GOUVERNEMENT DU CANADA

FILE NO.—DOSSIER N°

DATE

TO—À

Miss McKinn  
Lactant

FROM—DE

 PLEASE CALL  
PRIÈRE D'APPELER

TEL. NO.—N° TEL.

EXTENSION—POSTE

 WANTS TO SEE YOU  
DÉSIRE VOUS VOIR

DATE

TIME—HEURE

 WILL CALL AGAIN  
DOIT RAPPELER ACTION  
DONNER SUITE APPROVAL  
APPROBATION COMMENTS  
COMMENTAIRES DRAFT REPLY  
PROJET DE RÉPONSE MAKE  
FAIRE .....COPIES NOTE AND FILE  
NOTER ET CLASSER NOTE & RETURN  
NOTER ET RETOURNER NOTE & FORWARD  
NOTER ET FAIRE SUIVRE

Please attach this  
letter to the DM's  
copy of the Draft Arctic  
Treaty — Document NE 493

CALL RECEIVED BY  
MESSAGE REÇU PARTIME  
HEURE

L 000454

IN REPLY PLEASE QUOTE  
RÉFÉRENCE À RAPPELER

DRB 170-80/A6 (DC(0))

DEFENCE RESEARCH BOARD



CONSEIL DE RECHERCHES POUR LA DÉFENSE

DEPARTMENT OF NATIONAL DEFENCE  
MINISTÈRE DE LA DÉFENSE NATIONALE  
CANADA

Ottawa 4, Ontario,  
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(A. M. Pennie)  
DRB Member, ACND.





DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT  
MINISTÈRE DES AFFAIRES INDIENNES ET DU NORD CANADIEN

**TEMPORARY FILE SLIP**  
**FICHE D'ORAIRE DE DOSSIER**

**NOTE:** This slip is to be used for passing correspondence when the main file is charged out or is not required, and must not be removed but will be attached to the main file as soon as possible.

**REMARQUE:** La présente fiche sert à transmettre la correspondance lorsque le dossier principal est sorti ou n'est pas demandé; ne pas l'enlever, mais la fixer au dossier principal dès que possible.

Branch - Direction

File No. - Dossier N°

174

Subject - Sujet

*Minutes and agenda of Meetings.*

*S-87-3-1A*

Main file is charged to - Dossier principal inscrit au nom de

REFERENCE - RENVOI

ACTION TAKEN - MESURES PRISES

REFERRED TO DESTINATAIRE	BY PAR	REMARKS REMARQUES	DATE	P.A. DATE - DATE DE RANGE- MENT	B.F. DATE - DATE DE RAPPEL	BY PAR	FOR C.R. USE ONLY AU SEUL USAGE DES ARCHIVES
<i>D.M.</i>	<i>RE</i>	<i># 527</i>	<i>17/11/70</i>	<i>18/11/70</i>	<i>Nov. 19/70</i>	<i>[Signature]</i>	<i>30/11/70</i>

NOTE: If action cannot be taken without the file, please make statement to that effect and return paper to Central Registry.

REMARQUE: Si l'on ne peut procéder sans le dossier, prière de le déclarer et de renvoyer la correspondance aux archives.

*F. L. A. O. H. 000458*

Advisory Committee  
on Northern Development



Comité consultatif de la mise  
en valeur du Nord canadien

CONFIDENTIAL

DOCUMENT ND-493

MEMORANDUM TO THE ADVISORY  
COMMITTEE ON NORTHERN DEVELOPMENT.

N.D.	
REGISTRY	
NOV 18	
587-3-1A	
FILE NO.	523
REFER. TO	D19

The Arctic Treaty

At the eightieth meeting of the Committee, held on October 21, 1970, the second draft Arctic Treaty was discussed clause by clause.

Departments were invited to send in their comments to the Legal Division, Department of External Affairs, and some have done so.

Further discussions were held with the U.S. counterparts in Washington on November 9, 1970. The attached paper reflects both departmental comments and changes arrived at by these bilateral discussions.

L.A.C.O. Hunt,  
Secretary.

Department of Indian Affairs  
and Northern Development  
Ottawa, November 17, 1970. X

THE ARCTIC TREATY

(This paper is an uncleared draft for discussion purposes only. It has no official status within the United States Government.)

PREAMBLE

The States Parties to the Present Treaty,

Resolved to protect Arctic waters from pollution damage,

Recognizing that preservation of the unique ecology and other characteristics of the Arctic requires the establishment of special measures of environmental protection,

Recognizing further that Arctic waters are of potentially great significance to international trade and commerce and that navigation in Arctic waters presents special hazards,

Acknowledging the responsibility of the Arctic States for the safety and welfare of the aboriginal and other inhabitants of the Arctic region,

Convinced of the need for international cooperation to preserve the Arctic environment for all mankind,

HAVE AGREED as follows:

Article I - Area of Application and Definitions

1. The provisions of the present Treaty shall apply to all parts of the sea, whether or not frozen, north of 60° North Latitude, except as may be agreed among the Parties, hereinafter referred to as the "Arctic waters".

2. For the purposes of the present Treaty:

(a) "Vessel" means every description of watercraft or other artificial contrivance used, or capable of being used, as a means of transportation on or in water, other than a public vessel, or a vessel of less than one hundred registered tons which does not carry, as cargo or in bunker, more than \_\_\_\_\_ of oil.

(b) "Public vessel" means a vessel owned or bare-boat chartered or operated by a State except when such vessel is engaged in commerce.

(c) "Pilot" means a person licensed to serve as a pilot pursuant to the applicable maritime laws and regulations of any State Party to the present Treaty.

(d) "Person" means any individual, firm or partnership, or any public or private body, whether corporate or not, including a State or any of its constituent subdivisions.

(e) "Polluting agent" means

(i) any substance that, if added to any waters, would degrade or alter or form part of a process of degradation or alteration of the quality of those waters to an extent that is detrimental to their use by man or by any animal, fish or plant that is useful to man, and

(ii) any water that contains a substance in such a quantity or concentration, or that has been so treated, processed or changed, by heat or other means, from a natural state that it would, if added to any waters, degrade or alter or form part of a process of degradation or alteration of the quality of those waters to an extent that is detrimental to their use by man or by any animal, fish or plant that is useful to man.

(f) "Pollution damage" means any contamination in Arctic waters resulting from the discharge or deposit of any polluting agent by any person or vessel.

(Note: The Arctic Commission and the Zonal Authorities could be authorized to determine what constitutes acceptable and unacceptable levels of pollution.)

(h) "Discharge" means, but is not limited to, any spilling, leaking, pumping, emitting, emptying, or dumping in Arctic waters.

(i) "Deposit" means, but is not limited to, any placing, affixing, dropping, or burying in Arctic waters.

## Article II - Scope of Regime and Restrictions

Nothing contained in the present Treaty shall prejudice the position of any Contracting Party with respect to its rights or claims to sovereignty or jurisdiction in the Arctic or its recognition or non-recognition of any other State's such rights or claims.

## Article III - Regulations

The regulations contained in Annex \_\_\_\_\_ to the present Treaty shall be considered an integral part of this Treaty and shall be binding upon the Contracting Parties. Such regulations shall provide for the exercise of functions pursuant to this Treaty by the Arctic Commission or by its constituent members. The regulations shall, inter alia, specify construction and equipment standards for vessels navigating in Arctic waters, provide standards and machinery for the imposition and recovery of financial compensation with regard to persons or vessels responsible for pollution damage, establish penalties for violations of this Treaty or of the said regulations, rules relating to the special hazards of navigation in Arctic waters, and provide the necessary procedures and standards for the orderly and effective accomplishment of the purposes recited in the Preamble to this Treaty. (Note: The regulations will deal in detail with standards of liability which will include liability for the cost of remedial and preventive actions.)

## Article IV - Control of Marine Pollution

1. No person shall cause or permit a discharge or deposit resulting in pollution damage. Exceptions to the general prohibition stated in this section may be authorized only by the agreed regulations contained in Annex \_\_\_\_\_ to the present Treaty. Any person responsible for causing or permitting pollution damage in Arctic waters shall be subject to the financial responsibility provisions and penalties provided in the said agreed regulations. The agreed regulations may be revised, amended, or replaced by other regulations in accordance with the procedures described in Section 2 of Article VII and Section 2 of Article IX.

2. Any person who causes or permits the discharge or deposit of any substance classified as a polluting agent in the regulations referred to in Section 1 of this Article shall report such discharge or deposit to the Arctic Commission and to the directly affected Zonal Authority or Authorities by the most rapid means possible.

Article V - Construction, Equipment and Operations Standards for Vessels

1. No vessel shall navigate in Arctic waters unless it complies with the agreed regulations contained in Annex \_\_\_\_\_ to the present Treaty prescribing standards for construction, rebuilding, or refitting of vessels, and for required equipment carried on board such vessels. Such standards shall be directed at preventing or minimizing pollution damage. Exceptions to this paragraph shall be only those which may be specified in the agreed regulations contained in Annex \_\_\_\_\_.

2. Any vessel which does not comply with the regulations referred to in this Article shall be subject to the penalties set out in Annex \_\_\_\_\_ to the present Treaty.

Article VI - Environmental Sanctuaries

The Arctic Commissioner may, on the recommendation of the appropriate Zonal Authorities, designate certain areas of Arctic waters as environmental sanctuaries for the purpose of preserving and conserving the unique ecology and other natural characteristics of the Arctic.

Article VII - Establishment of an Arctic Commission

1. An Arctic Commission is hereby established.

Its members shall comprise:

- (a) Each Zonal Authority as defined in Article IX of the present Treaty, and
- (b) Three non-permanent members elected for a term of \_\_\_\_\_ years by a majority vote of the Zonal Authorities from among other Contracting Parties whose nationals navigate, fish, or conduct other substantial commercial activities in Arctic waters. A retiring member may be eligible for immediate re-election.

Each member shall appoint a Commissioner to represent it on the Commission. The Commissioner should be expert in matters concerning the Arctic and in matters affected by the present Treaty.

2. The Arctic Commission shall have authority to consider and adopt amendments to the regulations contained in Annex \_\_\_\_\_ to the present Treaty. The Commission shall also have authority to approve any revision or amendment to the regulations proposed by a Zonal Authority pursuant to Section 2 of Article IX.

3. A majority of the members shall constitute a quorum for all decisions of the Arctic Commission for which a vote is required. Each member of the Commission shall have one vote which may be cast by the Commissioner representing that member. All decisions of the Commission shall require an affirmative vote of a simple majority of the members of the Commission who are present and vote. Members which abstain from voting shall be considered as not voting.

4. The Commission may, as appropriate, consult with experts from the Contracting Parties and specialized agencies of the United Nations and their subsidiary organs, and other specialized international bodies with respect to pollution prevention, conservation measures, construction standards, safety of navigation, or other subjects as may arise within the scope of the present Treaty. A Contracting Party may further appoint one or more experts or advisers to assist its Commissioner.

5. The Contracting Parties agree to be bound by all amendments to regulations adopted or approved by the Arctic Commission pursuant to Section 2 of this Article, subject to Section 3 of Article IX.

6. Except for the Arctic Commission's authority described in Section 2 of this Article, the Commission may, with the approval of the Zonal Authority or Zonal Authorities in question, authorize a Zonal Authority, other Contracting Party, international organization or other person to perform its functions in one or more Zones. Such authorization shall be

expressed in an agreement between the Arctic Commission and the authorized party. Such an agreement shall contain guidelines established by the Arctic Commission under which the authorized functions shall be performed. Each such agreement shall be consistent with the provisions of this Treaty, and only those functions which are expressly authorized by the agreement may be performed by the authorized party. The agreement shall also provide that, if the authorized party exceeds its authority under the agreement or violates its terms, the authorization shall be subject to review, amendment, or revocation by the Arctic Commission.

7. The Commission shall elect from its members a Chairman and a Vice Chairman, each of whom shall serve for a term of three years provided such terms shall not be concurrent.

8. The seat of the Commission shall be in \_\_\_\_\_.

9. The Arctic Commission shall meet at least once each year at its seat or at such place as may be agreed upon by the Commission for the purpose of reviewing its functions and any other activities under this Treaty. As a result of that review, and pursuant to Article XVII of this Treaty, the Commission may propose amendments to the present Treaty or any regulations promulgated thereunder which, in its judgment, are necessary to continue to fulfill the objectives of the Treaty.

10. The Chairman shall call a special meeting of the Commission at a place of his determination and within a reasonable time after such a meeting is requested by a member of the Commission. Other special meetings of the Commission may be called by the Chairman either in his own discretion or upon the request of a Contracting Party not a member of the Commission.

11. The Commission shall adopt, and amend as occasion may require, financial regulations and rules and by-laws for the conduct of its meetings and for the exercise of its functions and duties.

12. The operating expenses and any extraordinary expenses which the Commission may incur in carrying out the provisions of this Treaty shall be shared to the extent they are not

covered by the civil penalties collected pursuant to the agreed regulations set forth in Annex \_\_\_\_\_ of this Treaty.

13. The Commission, including its Secretariat, shall enjoy in the territory of each of the Contracting Parties such legal capacity as is necessary for the fulfillment of its purposes and the exercise of its functions. Likewise, the Commission including its Secretariat shall enjoy in the territory of each of the Contracting Parties such privileges and immunities as are necessary for the fulfillment of its purposes and the exercise of its functions; and Commissioners or other representatives of Contracting Parties including alternates and advisers, and officials and employees of the Commission or its Secretariat, shall similarly enjoy such privileges and immunities as are necessary for the independent exercise of their functions in connection with the functions of the Commission described in this Article.

#### Article VIII - Arctic Commission Secretariat

1. The Arctic Commission shall appoint an Executive Secretary according to such procedure and on such terms as it may determine.

2. The staff of the Commission shall be appointed by the Executive Secretary in accordance with such rules and procedures as may be determined and authorized by the Commission.

3. The Executive Secretary shall, subject to the general supervision of the Commission, have full power and authority over the staff and shall perform such other duties as the Commission shall prescribe.

#### Article IX - Designation of Arctic Zones and Establishment of Zonal Authorities

1. For the purposes of the present Treaty, each Contracting Party which has territory bordering on Arctic waters, that is, Canada, Denmark, Finland, Iceland, Norway, Sweden, the U.S.S.R., and the U.S., is designated a Zonal Authority for a specified zone of Arctic waters. The geographic coordinates of such zones are described in Annex \_\_\_\_\_ to the present Treaty.

2. Each Zonal Authority shall have authority to propose and, subject to the approval of the Arctic Commission pursuant to Section 2 of Article VII, adopt for its designated Zone revisions or amendments to the regulations contained in Annex \_\_\_\_\_. These revisions or amendments may include but shall not be limited to:

- (a) methods of surveillance for any notification to the Arctic Commission of pollution damage;
- (b) the establishment of procedures for removing or minimizing the harmful effect of any substance which is likely to cause pollution damage;
- (c) provisions for restoring any area where pollution damage has occurred and for taking any necessary and possible steps to protect and preserve and fish and wildlife exposed to danger;
- (d) measures for the safe disposal of any substance which has caused pollution damage and which has been recovered;
- (e) the establishment of criteria for developing and implementing contingency plans for the control of substances which have been discharged or deposited in the Arctic and which are likely to cause pollution damage.

Procedures for carrying out the functions and activities described in this section shall be established according to the provisions of Article III of this Treaty.

3. Where a proposal for revision or amendment made by a Zonal Authority under this Article in respect of its own Zone is not approved by the Commission, that Zonal Authority may nevertheless give effect to its proposal within its Zone upon giving sixty days prior notice to the Commission of its intention to do so. Such revision or amendment shall have the same force and effect as a revision or amendment approved under Section 2 of Article VII of this Treaty in relation to all Contracting Parties who do not object to it within a period of sixty days of the notice of intention by the Zonal Authority concerned.

An objection by a Contracting Party under this Section shall be effective only in relation to the revision or amendment to which the objection has been made, and the respective rights of that Contracting Party and the Zonal Authority concerned with regard to such revision or amendment shall be limited to such rights as exist independently of the present Treaty.

4. Each Zonal Authority shall have authority to enforce within its Zone the agreed regulations set out in Annex \_\_\_\_\_ to the present Treaty against any vessel registered under the laws or flying the flag of a Contracting Party. In this respect, each Zonal Authority shall have the authority to patrol the Arctic waters within its Zone. It shall also have the authority as described in the regulations set out in Annex \_\_\_\_\_ to the present Treaty to detain or divert any national or vessel of a Contracting Party if the Zonal Authority finds such national or vessel of a Contracting Party to be in violation of the provisions of the present Treaty or of any regulation issued thereunder.

5. In the case of a Contracting Party, after detaining or diverting a national or a vessel in accordance with Section 4 of this Article, the Zonal Authority shall:

(a) with respect to an individual, deliver him to the competent authorities of the Contracting Party of which he is a national, or

(b) with respect to the detention of a vessel, deliver it in accordance with the instructions of the Contracting Party in which the vessel is registered.

6. In the case of a vessel of a Non-Contracting Party the Zonal Authority shall proceed in accordance with the provisions of the agreed regulations set out in Annex \_\_\_\_\_ to the present Treaty, including possible provisions restricting use of a Contracting Party's ports by such vessels.

7. A Contracting Party which considers that any action by a Zonal Authority pursuant to the authority or responsibilities of a Zonal Authority prescribed in this Article is not justified under the present Treaty or the Annexes thereto may

request the Arctic Commission to investigate the action in question and to prepare a full report, and the Commission shall prepare such a report within a reasonable time after receiving the request. That report shall/may be a part of any dispute settlement proceedings initiated by a Contracting Party pursuant to Article XI.

8. Sections 4 and 5 of this Article shall not apply to any public vessel of a Contracting Party or any other ship owned or operated by a Contracting Party and used, for the time being, only on government non-commercial service. The respective rights of the Contracting Parties with regard to the vessels referred to in this section shall be limited to such rights as exist independently of the present Treaty. All Contracting Parties shall, however, take the necessary measures to ensure that their public vessels navigating in Arctic waters are in substantial compliance with the agreed regulations set out in Annex \_\_\_\_\_ to the present Treaty, so as to achieve the purposes declared in the Preamble to the present Treaty.

Article X - Contracting Parties' Right to Enact  
Pollution Prevention Legislation

Nothing in this Treaty shall be construed so as to authorize or prevent a Contracting Party from taking measures relating to prevention of pollution damage in addition to those measures provided for in this Treaty or its annexes.

Article XI - Settlement of Disputes

Any dispute between the Contracting Parties which arises under the provisions of the present Treaty shall be resolved by negotiation between or among them. If such negotiation fails to produce agreement, then the Parties shall submit their dispute to conciliation. If conciliation fails to produce agreement, then the Parties shall submit the dispute to binding arbitration. In the case of any dispute involving an interpretation of the present Treaty, Parties may, in lieu of binding arbitration, submit the dispute to the International Court of Justice for its decision.

Article XII - Signature

The present Treaty shall be open for signature by all States Members of the United Nations or of any of the specialized agencies or of the International Atomic Energy Agency or parties to the Statute of the International Court of Justice, and by any other State invited by two-thirds of the Contracting Parties to become a party to the present Treaty, until March 31, 1971, at the Ministry of External Affairs of the Dominion of Canada. Thereafter, this Treaty shall be open for accession in accordance with Article XIV.

Article XIII - Ratification

This Treaty shall be subject to ratification by signatory States. Instruments of ratification shall be deposited with the Government of Canada.

Article XIV - Accession

The present Treaty shall remain open for accession by any State belonging to any of the categories mentioned in Article XII. Instruments of accession shall be deposited with the Government of Canada.

Article XV - Entry into Force

1. The present Treaty shall enter into force on the thirtieth day following the date on which (number) States having territory bordering on Arctic waters and (number) other States have deposited their instruments of ratification.

2. For each State ratifying or acceding to the present Treaty subsequent to the entry into force of this Treaty, it shall enter into force on the thirtieth day after deposit by such State of its instrument of ratification or accession.

Article XVI - Registry by the Secretary-General  
of the United Nations

This Treaty shall be registered by the Secretary-General of the United Nations pursuant to Article 102 of the Charter of the United Nations.

Article XVII - Amendment

As provided in Section 9 of Article VII of this Treaty, any Contracting Party or the Arctic Commission may propose amendments to this Treaty or to any regulations promulgated thereunder. Amendments shall enter into force for each Contracting Party accepting the amendments upon their acceptance by two-thirds of the Contracting Parties and thereafter for each remaining Contracting Party on the date of acceptance by it.

Article XVIII - Denunciation

Any Contracting Party may denounce this Treaty by notification in writing addressed to the Government of Canada and the Chairman of the Arctic Commission. The Chairman of the Commission shall advise other Contracting Parties of any such denunciation. Such denunciation shall become effective one year from the date of receipt by the Chairman of the denunciation. No such denunciation shall affect liabilities incurred by such Contracting Party prior to the effective date of the denunciation.

Article XIX - Withdrawal

Any Contracting Party may withdraw from participation in the Arctic Commission or resign as a Zonal Authority by notification in writing addressed to the Government of Canada and the Chairman of the Arctic Commission. The Chairman of the Commission shall advise other Contracting Parties of any such withdrawal. No such withdrawal or resignation shall affect liabilities incurred by such a Contracting Party prior to the effective date of the withdrawal.

Article XX - Notification

The Chairman of the Arctic Commission shall:

(1) inform all States which have signed, ratified, or acceded to this Treaty of

(a) each new signature or deposit of

instrument of ratification or accession  
together with the date thereof;

(b) the deposit of any instrument of  
denunciation of this Treaty or any  
instrument of withdrawal from the Arctic  
Commission or a Zonal Authority together  
with the date of such deposits; and

(c) the amendment of this Treaty as provided  
in Article XVII;

(2) transmit certified true copies of this Treaty and  
any amendments thereto to all States which have signed, rati-  
fied, or acceded to this Treaty.

The Government of Canada, as depositary Government, shall  
inform the Arctic Commission of all of the acts referred to in  
this Article.

Article XXI - Authentic Texts

This Treaty is established in a single copy in the  
English, French, and Russian languages, all three texts being  
equally authentic.

IN WITNESS WHEREOF the undersigned being duly authorized  
by their respective Governments for that purpose have signed  
this Treaty.

DONE at \_\_\_\_\_ this \_\_\_\_\_ day  
of \_\_\_\_\_ 1970.



DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT  
MINISTÈRE DES AFFAIRES INDIENNES ET DU NORD CANADIEN

TEMPORARY FILE SLIP  
FICHE TEMPORAIRE DE DOSSIER

NOTE: This slip is to be used for passing correspondence when the main file is charged out or is not required, and must not be removed but will be attached to the main file as soon as possible.

REMARQUE: La présente fiche sert à transmettre la correspondance lorsque le dossier principal est sorti ou n'est pas demandé; ne pas l'enlever, mais la fixer au dossier principal dès que possible.

Branch - Direction *Administration* File No. - Dossier N° *587-3-1A 304*

Subject - Sujet

Main file is charged to - Dossier principal inscrit au nom de

REFERENCE - RENVOI				ACTION TAKEN - MESURES PRISES			
REFERRED TO DESTINATAIRE	BY PAR	REMARKS REMARQUES	DATE	P.A. DATE - DATE DE RANGE- MENT	B.F. DATE - DATE DE RAPPEL	BY PAR	FOR C.R. USE ONLY AU SEUL USAGE DES ARCHIVES
<i>D.M.</i>	<i>M.G.</i>	<i>Nov. 17 # 466</i>	<i>17/11/70</i>	<i>Nov 17/70</i>	<i>HJK</i>	<i>20/11/70</i>	<i>J.R.S.</i>

NOTE: If action cannot be taken without the file, please make statement to that effect and return paper to Central Registry.  
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Advisory Committee  
on Northern Development



Comité consultatif de la mise  
en valeur du Nord canadien

CONFIDENTIAL - A. & N. D.	
CENTRAL SERVICES REGISTRY	
NOV 17 1970	
FILE No. 587-3-1A	
CORR. No. 800	
OFFER TO DM	

ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT

The 80th meeting of the Committee was held on Wednesday, October 21, 1970 at 2:30 p.m. in the Conference Room of the Department of Indian Affairs and Northern Development, 14th floor, Centennial Tower, 400 Laurier Avenue West, Ottawa

*Handwritten signature*

PRESENT:

Mr. H.B. Robinson, Deputy Minister, Department of Indian Affairs and Northern Development (Chairman)

- Dr. J.C. Arnell, Department of National Defence
- LCol M.G. Bryan, Department of National Defence
- C/Supt C.R. Doly, Royal Canadian Mounted Police
- Mr. J.D. Keyes, Treasury Board
- Dr. J.H. Hodgson, Department of Energy, Mines and Resources
- Mr. A.D. Hunt, Department of Indian Affairs and Northern Development
- Dr. W.B. Hutcheon, National Research Council
- Mr. L.H. Legault, Department of External Affairs
- Dr. A.M. Pennie, Defence Research Board
- Col K.W. Macdonald, Department of National Defence
- Mr. H.M. Walsh, Ministry of Transport
- Mr. K.W. Wardroper, Department of External Affairs
- Miss V.A. Sims, Department of Manpower and Immigration
- Mr. T. Thorgrimsson, Department of Energy, Mines and Resources
- Mr. J.M. Shoemaker, Privy Council Office
- Dr. R. Uffen, Science Secretariat
- BGen R.A.B. Ellis, Department of National Defence
- BGen R.M. Withers, Department of National Defence

Mr. L.A.C.O. Hunt, Department of Indian Affairs and Northern Development (Secretary)

OTHERS PRESENT

Mr. D.A. Davidson )  
Mr. K. Greenaway )  
Mr. T. Hyslop ) Department of Indian Affairs and Northern Development  
Mr. C.C. Hitsman )  
Mr. C.L. Merrill )  
Mr. G.W. Rowley )

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## I. National Objectives for Northern Canada

Memorandum to Cabinet and Position Paper with appendices distributed.

Mr. Hunt indicated that the draft now submitted to members represented the consensus and views of all the departments in so far as can be ascertained.

The Chairman expected the document would be considered by the Priorities and Planning Sub-Committee of the Cabinet on November 3rd.

Mr. Hunt expected that Departments, once Cabinet approval, would adopt a coordinated approach to northern objectives. He suggested a third recommendation to be added to the memorandum;

"that all departments and agencies of the Canadian Government in the process of carrying out their functions and responsibilities in the North adhere to these national objectives".

## II. Arctic Treaty Conference

The American second draft Treaty was distributed to members.

Mr. Legault explained the many problem areas which divided the two countries in their individual approaches to the same objective. In some instances the U.S. had conceded to the Canadian view, or had proposed reasonable changes bringing their proposals closer to the Canadian viewpoint. Some of the newer proposals were considered to be the maximum concessions the U.S. were prepared to make towards the Canadian position. This second draft still falls short of the Canadian position.

In answer to a question whether this draft had been circulated to countries other than Canada - the answer was "no".

There was a clause-by-clause reading of the Treaty.

The following points were raised:

1. The preamble could be more precise.
2. A meaningful definition of arctic "waters".
3. Problems in defining N of 60°.
4. The importance of the coastal state.
5. Canada must not be deprived of taking action under Canadian law.
6. The possibility of a majority vote by the Commission in favour of a point unacceptable to Canada.

7. The problem of penalties and the need for a deterrent and not a punitive approach.
8. Interrelationship between domestic legislation and what is acceptable under the Treaty.
9. A clearer definition of person and state, as in Article 1, Subsection (e).
10. The possibility of the coastal state acting independently.
11. The use of an escape clause, in case of dissent.

It was agreed that in the event the proposed Commission is established the seat of the Commission should be Canada. (viz. Article VII subsection 8). The articles dealing with the Secretariat and the procedures for operating the Secretariat received general approval. (viz. Articles VII subsections 9, 11, 12 and 13 and Article VIII)

It was also agreed that Article IX is one of the key articles and some divergence of opinion was expressed particularly with respect to the delineation of arctic zones. An example, is the question of the position of the U.K. when it has sovereignty over the Shetland Isles which lie almost entirely north of the 60°?

Mr. Legault suggested that

"Members who have specific views should make them in writing to the Legal Division, Department of External Affairs, and these views will be taken into consideration in the next round of discussions with the U.S. counterparts".

The Committee agreed.

### III. Arctic Science Conference

In the absence of Dr. Roots, Chairman of the Sub-committee on Science and Technology, Mr. Rowley reported:

1. The Memorandum to Cabinet recommending that Canada convene a Governmental Scientific Conference on Arctic Problems was approved by a Cabinet Committee on October 13, 1970.
2. It was sent on to Cabinet but has not yet received final approval.
3. In the meantime certain preliminary plans for the organization of the Conference have been drawn up and it is expected that the Sub-committee will meet in a few days to consider these plans.

Dr. Uffen suggested that the Conference would be futile without the participation of the U.S.S.R. and that every effort should be made to achieve it, including sending a delegation to Moscow if necessary. He proposed that invitations to other countries be withheld until the position of the U.S.S.R. is known.

At the conclusion of the discussion it was agreed that:

- (1) The Canadian Ambassador in Moscow be requested to advise his Department within three weeks of the Soviet position on participation in the proposed Conference;
- (2) In the meantime the necessary preparations for the Conference should continue regardless of the Soviet response;
- (3) The Conference should be in Calgary on April 19 - 22, 1971.

L.A.C.O. Hunt,  
Secretary.

Department of Indian Affairs  
and Northern Development  
Ottawa, November 12, 1970.

1 AND (Laco sent)

C O N F I D E N T I A L

FM CANDELNY OCT5/70 NO/NO STANDARD

TO EXTER(FLE, LEGAULT)1469

EMANDROTT(CROSBY)DE OTT

INFO TT GENEV(LAPOINTE)DE PARIS

UNGA XXV:FIRST CTTEE SEASED:PRINCIPLES

AS YOU KNOW CTTEE WAS UNABLE TO AGREE ON PRINCIPLES DURING LAST SESSION IN GENEV DUE LARGELY TO INTRANSIGENCE ON PART OF LATINS ON QUESTION OF ADMITTING THE NEED TO DELIMIT THE AREA BEYOND NATL JURISDICTION AND ON THE PART OF THE USSR ON WHETHER THE PRINCIPLES SHOULD LAY DOWN IN ADVANCE THE BASIC REQUIREMENTS OF THE PROPOSED REGIME PARTICULARLY THE ISSUE OF EQUITABLE SHARING. PINTO OF CEYLON DEL APPROACHED US TODAY TO SAY THAT HE HAD BEEN TALKING WITH THE LATINS AND THE RUSSIANS ON THESE ISSUES IN THE HOPE OF BRINGING ABOUT AGREEMENT ON PRINCIPLES DURING THIS SESSION OF UNGA. ACCORDING TO HIM THE LATINS HAVE EXPRESSED A WILLINGNESS TO COMPROMISE PROVIDED THE USSR IS WILLING TO DO SO. THE USSR DEL HAD SHOWN NO/NO MORE FLEXIBILITY THUS FAR HOWEVER, THAN THEY DID AT GENEV. NONETHELESS PINTO PASSED US THE QUOTE ANONYMOUS DRAFT UNQUOTE PRODUCED BY A NUMBER OF DELS WORKING WITH THE DEL OF CEYLON IN GENEV AND ASKED FOR OUR COMMENTS ON THE WORDING WHICH RAISES THE UNRESOLVED DIFFICULTIES. (COPIES OF THE DRAFT ARE GOING FORWARD BY AIRMAIL). IN THE MEANTIME WE ARE SETTING OUT BELOW TWO SPECIFIC PROVISIONS ON WHICH WE HAVE BEEN ASKED TO COMMENT: (A) QUOTE

...2

PAGE TWO 1469 CONF NO/NO STANDARD

AFFIRMING THAT THESE IS AN AREA OF THE SEABED AND THE OCEANFLOOR,  
AND THE SUBSOIL THEREOF, BEYOND THE LIMITS OF NATL JURISDICTION,  
AND THAT THERE SHOULD BE A PRECISE AND INNATLY ACCEPTED DELIMITATION  
OF THE AREA UNQUOTE.COMMENT: BRAZILIAN DEL COULD ACCEPT THE FOL-  
LOWING PHRASE SUBSTITUTED AFTER THE WORD JURISDICTION QUOTE AND  
HAVING IN MIND THE GENERALLY EXPRESSED VIEW THAT THE PRECISE LIMITS  
OF THE AREA ARE YET TO BE DETERMINED UNQUOTE.(B)QUOTE THE REGIME  
SHALL, INTERALIA, PROVIDE FOR THE ORDERLY DEVELOPMENT AND RATIONAL  
MANAGEMENT OF THE AREA AND ITS RESOURCES AND FOR EXPANDING OPPORTU-  
NITIES IN THE USE THEREOF AND ENSURE THE EQUITABLE SHARING BY THE  
INNATL COMMUNITY IN THE BENEFITS DERIVED THEREFROM, TAKING INTO  
PARTICULAR CONSIDERATION THE INTERESTS AND NEEDS OF THE DEVELOPING  
COUNTRIES, WHETHER LANDLOCKED OR COASTAL.UNQUOTE.COMMENT: BULGARIA  
COULD ACCEPT LANGUAGE ALONG FOLLOWING LINES QUOTE IN THE ELABORATION  
OF THE SAID TREATY, QUESTIONS RELATING INTERALIA TO THE ORDERLY  
DEVELOPMENT AND RATIONAL MANAGEMENT OF THE AREA... SHALL BE CONSIDERD  
UNQUOTE.PINTO HAS SUGGESTED LANGUAGE ADMITTING THE NEED TO CONSIDER  
SUCH QUESTIONS, WHICH HE THINKS USSR WOULD ACCEPT, BUT NOT/NOT THE  
LATINS.

2. IN LIGHT OF PRESSURE FOR RETENTION OF SEATS ON SEABED CTTEE IT  
WOULD BE DESIRABLE IF WE COULD BE ASSOCIATED WITH CEYLON (AND  
PERHAPS OTHER DELS) IN PRESENTING DRAFT PRINCIPLES. GRATEFUL YOUR  
COMMENTS UPON RECEIPT OF TEXT OF DRAFT.

RFT 052305Z

1 AM (P. C. Hunt)

C O N F I D E N T I A L

FM OSLO SEP28/70 NO/NO STANDARD

TO EXTER 391 PRIORITY

INFO TT CANDELNY DE OTT

LAW OF THE SEA AND FISHING LIMITS

WHEN IN ICELAND LAST WEEK, I HAD DISCUSSION WITH HANS ANDERSEN, SPECIAL MFA LEGAL ADVISER, ON THIS SUBJ (AS WELL AS ON OUR ARCTIC LEGISLATION) AND HE EXPRESSED DESIRE FOR ICELAND AND CDA TO WORK EVEN MORE CLOSELY IN FUTURE AS OUR AIMS AND POLICIES, AS COASTAL FISHING STATES, ARE VERY SIMILAR. FOREIGN MINISTER JONSSON ALSO INDICATED SAME TO ME AND SAID HE WAS PLEASED WITH CDAS FISHERIES POLICIES AND MINISTER DAVIS STATEMENTS IN PARTICULAR.

2. ANDERSEN REFERRED TO FORTHCOMING UNGA CONSIDERATION OF PROPOSED LAW OF SEA CONFERENCE (HE WAS SOMEWHAT DISMAYED THAT IT HAD BEEN REFERRED TO POLITICAL INSTEAD OF LEGAL CTTEE) WHICH HE WILL

ATTEND. HE ASKED FOLLOWING QUESTIONS ABOUT CDAS POLICY IN THIS CONTEXT AND I UNDERTOOK TO TRY TO OBTAIN REPLIES SOONEST WHICH I WILL PASS ON TO HIM THROUGH ICELANDIC AMBASSADOR IN OSLO.

3. WHAT WILL CDN POLICY BE IN UNGA (AND AT PROPOSED CONFERENCE) AS TO FISHING RIGHTS OF COASTAL STATES BEYOND 12 MILES?

WILL IT BE BASED ON THE QUOTE EXCLUSIVE UNQUOTE OR ON THE QUOTE PREFERENTIAL UNQUOTE CONCEPT AND HOW WILL IT WORK IN PRACTICE?

4. WILL WE REVEAL OUR POLICY IN THE CURRENT UNGA DISCUSSION?

5. ICELAND WANTS TO HAVE A SUBSTANTIVE DISCUSSION IN THIS UNGA

...2

PAGE TWO 351 CONFD

BEFORE DECISION IS TAKEN TO CONVENE NEXT LAW OF SEA CONFERENCE.  
DO WE AGREE OR DO WE PREFER TO HAVE ONLY PROCEDURAL DISCUSSION  
LEAVING SUBSTANTIVE DISCUSSION TO CONFERENCE ITSELF? ICELAND  
WANTS TO GAIN CLEARER IDEA NOW OF WHAT IS LIKELY TO EMERGE FROM  
CONFERENCE AND POSITION OF PARTICIPANTS BEFORE DECISION IS  
TAKEN TO CONVENE IT.

6. ICELAND IS OPPOSED TO NEW PROPOSED SOVIET ITEM WHICH THEY  
CONSIDER TO BE FOR HOME CONSUMPTION.

7. ANDERSENS MAJN PLEA, WITH WHICH I AM CERTAINLY SYMPATHETIC,  
IS FOR US TO COORDINATE OUR POLICIES WHENEVER POSSIBLE. HE  
ATTENDED AUG CONFERENCE IN LIMA WITH LEGAULT AND SEEMED PLEASED  
WITH LATTERS REMARKS THERE. HE TOLD ME THAT FOR ICELAND 12 MILES  
IS CERTAINLY NOT/NOT ENOUGH FOR HER EXCLUSIVE FISHING RIGHTS AND  
HER POLICY WILL BE TO INSIST UPON FISHING RIGHTS IN ALL HER  
CONTINENTAL SHELF WATERS. FOR THIS PURPOSE 200 METRES DEPTH  
LIMIT WOULD BE SATISFACTORY. QUOTE THERE IS NOTHING ELSE WE CAN  
DO NOW UNQUOTE. THIS POLICY IS STRONGLY BACKED BY ICELANDIC  
PUBLIC AND POLITICAL PARTIES AND THERE IS AN ELECTION IN ICELAND  
NEXT MAY OR JUN

GRANDE

RFT280829Z

1 AND (LACO Hunt)

C O N F I D E N T I A L

FM MOSCO SEP28/70 NO/NO STANDARD

TO EXTER 2110 PRIORITY

REF MYTEL 1844 SEP1

ARCTIC CONF-INVITATION TO SOVIET EXPERTS

I ASKED VASEV TODAY WHEN WE COULD EXPECT REPLY TO OUR INVITATION TO  
KHLESTOV AND OSTROVSKY TO COME TO OTT FOR FURTHER TALKS. HE SAID  
KHLESTOV WAS NOW IN OSLO FOR TALKS WITH NORWEGIAN AUTHORITIES.  
SPEAKING UNOFFICIALLY HE DID NOT/NOT THINK VISIT COULD TAKE PLACE  
BEFORE NOV. QUESTION WAS EXTREMELY COMPLICATED AND IMPORTANT AND  
SOVIET EXPERTS THOUGHT A LITTLE MORE TIME WAS NECESSARY TO PREPARE  
FOR MTG.

2. VASEV WENT ON TO SAY THAT IN ANY CASE HE UNDERSTOOD ARCTIC CONF  
HAD BEEN POSTPONED SO THAT THERE WAS NO/NO OVERWHELMING URGENCY. HE  
ADDED THAT SO FAR AS HE KNEW SOVIET GOVT WAS STILL OPPOSED TO IDEA  
OF INTERNATIONALISING ARCTIC AND TO PROPOSED CONF. BUT HE KNEW  
KHLESTOV PROPOSED TO HAVE FURTHER TALKS WITH ME ON HIS RETURN FROM  
OSLO

FORD

RFT 281500Z

DRAFT

OCT20/70

RESTR

TEL TO: COPEN HSNKI OSLO STKHM(~~& ICELAND~~) WASHDC MCOW LDN WSAW  
TOKYO PARIS

SUB: ARCTIC SCIENTIFIC CONF.

PASSAGE OF ARCTIC WATERS POLLUTION PREVENTION ACT WAS ONE REFLECTION OF  
CDN GOVT CONCERN FOR PROTECTION OF ARCTIC ENVIRONMENT. AS YOU HAVE BEEN  
WELL AWARE DURING PAST YEAR THIS LEGISLATION HAS AROUSED CONSIDERABLE  
INTERNATL ATTENTION.

2. HOWEVER, ENTIRELY APART FROM LEGAL AND JURISDICTIONAL ASPECTS CDN  
GOVT INTEREST IN PROMOTING ARCTIC DEVELOPMENT WHILE PRESERVING ENVIRONMENT  
HAS ALSO FOR SOME TIME BEEN TURNED IN QUITE ANOTHER DIRECTION. CDN GOVT  
IS CONVINCED THAT CIRCUM-ARCTIC COUNTRIES HAVE MUCH TO BENEFIT FROM  
EXCHANGES OF VIEWS AND OTHER COOPERATIVE ACTIVITIES AMONG THEMSELVES IN  
WIDE RANGE OF FIELDS NEEDING INTENSIFIED INVESTIGATION OF DEVELOPMENTAL  
TECHNIQUES AS WELL AS FUNDAMENTAL SCIENTIFIC RESEARCH.

3. IN RECOGNITION OF THIS NEED CDN GOVT HAS DECIDED TO SPONSOR AND HOST  
INTERNATL ...4...(?) DAY CONF IN CDA IN APR 1971 IN CALGARY (?) WORKING  
PROGRAM WOULD BE FOLLOWED BY .2.. OR .3.. DAY FIELD TRIP BY AIR AT CDN  
GOVT EXPENSE TO SEVERAL ARCTIC AREAS. COUNTRIES BEING INVITED TO  
PARTICIPATE AS QUOTE ARCTIC STATES UNQUOTE ARE DENMARK, FINLAND, ICELAND,  
NORWAY, SWEDEN, USA AND USSR. ALSO INVITED WOULD BE CERTAIN OTHER  
COUNTRIES HAVING RECOGNIZED ARCTIC EXPERTISE NAMELY BRITAIN, FRANCE, JAPAN,  
AND POLAND. PARTICIPANTS EXPECTED TO ATTEND NUMBERING PERHAPS 100 WOULD  
BE SCIENTISTS FROM GOVT OR PRIVATE SECTOR AND OFFICIALS INVOLVED IN POLICY  
FORMULATION AND ADMIN OF PROGRAMS IN ARCTIC REGIONS. GENERAL OBJECTIVES  
OF CONF WOULD BE TO ACCOMPLISH EXCHANGE OF VIEWS AND INFO ON ARCTIC  
DEVELOPMENT PROTECTION OF ENVIRONMENT AND PROBLEMS OF HUMAN SETTLEMENT.  
THESE EXCHANGES WOULD LOOK TO FINDING COOPERATIVE APPROACHES, WHERE  
FEASIBLE AND MUTUALLY ADVANTAGEOUS, TO SOLUTIONS OF PROBLEMS WITH COMMON

CHARACTERISTICS. AGENDA WOULD BE ON FOLLOWING LINES: (A) GENERAL REVIEW OF STATE OF KNOWLEDGE REGARDING ARCTIC FOR PURPOSE OF IDENTIFYING PROBLEM AREAS AND SOLUTIONS THROUGH SCIENTIFIC RESEARCH OR ORGANIZATIONAL AND ADMIN ARRANGEMENTS. (B) EVALUATION OF RELATIVE PRIORITIES FROM SCIENTIFIC POINT OF VIEW FOR ON-GOING AND FUTURE PROGRAMS; (C) IDENTIFICATION OF POSSIBLE AREAS FOR COOPERATIVE OR COMPLEMENTARY ACTION ESPECIALLY IN RESEARCH WITH VIEW TO QUICKER DEVELOPMENT OF SOLUTIONS FOR MOST PRESSING PROBLEMS; (D) EXPLORATION OF MECHANISMS FOR ACHIEVING CONTINUING COOPERATION AMONG ARCTIC STATES IN AREAS COVERED BY THIS CONF. GIVEN FAVOURABLE RESPONSE TO INVITATION WE WOULD EXPECT SHORTLY TO AMPLIFY IDEAS ON AGENDA INCLUDING ITEM (D).

4. PLEASE CONVEY WRITTEN INVITATION ON BEHALF OF CDN GOVT TO GOVT(S) TO WHICH YOU ARE ACCREDITED ACCORDING TO TEXT IN FOLLOWING TELEGRAM. IN VERBAL SUPPORT OF INVITATION FOLLOWING POINTS SHOULD BE DRAWN UPON: (A) PROPOSED SCIENTIFIC CONF SHOULD NOT/NOT IN ANY WAY BE CONFUSED WITH SEPARATE PROPOSAL FOR CONF ON STANDARDS OF NAVIGATION SAFETY AND POLLUTION CONTROL IN ARCTIC WATERS WHICH AS YOU ARE AWARE IS SUBJECT OF CONTINUING DISCUSSIONS BETWEEN CDA AND NUMBER OF INTERESTED COUNTRIES. (B) CONF WOULD BE ATTENDED BY EXPERTS WHO WOULD NOT/NOT BE CONCERNED WITH ANY JURISDICTIONAL QUESTIONS. (C) CONF WOULD BE DIRECTED TOWARDS CONSIDERATION OF SPECIFIC INTERESTS OF ARCTIC STATES. (D) FOR PURPOSES OF PLANNING WE WOULD HOPE TO RECEIVE FAVOURABLE RESPONSES IN PRINCIPLE BY (?) AND WILL PROVIDE ADDITIONAL DETAILS AS RAPIDLY AS POSSIBLE THEREAFTER. (E) ARRANGEMENTS WOULD BE MADE FOR SIMULTANEOUS TRANSLATION IN ENGLISH FRENCH AND RUSSIAN.

5. FOR MCOW: IT HAD BEEN PLANNED FOR PM TO EXTEND INVITATION TO USSR BEFORE APPROACHING OTHER PROSPECTIVE PARTICIPANTS. AS INDICATED IN BRIEFING BOOK SENT TO YOU WE CONSIDER SOVIET PARTICIPATION VERY IMPORTANT TO SUCCESS OF CONF. WHATEVER MAY BE VIEWS OF SOVIET AUTHORITIES REGARDING

- 3 -

LEGAL QUESTIONS AND ARCTIC TREATY WE ARE HOPEFUL ATTENDANCE AT THIS SCIENTIFIC CONF WILL CAUSE NO/NO DIFFICULTIES FOR THEM. YOU MIGHT MENTION THAT DR. HARRISON ALM OF EMR DISCUSSED CONF UNOFFICIALLY AT RECENT MADRID MTG OF ICSU WITH KELDYSH PRES OF SOVIET SCIENCE ACADEMY AND A P VINOGRADOV VICE PRES OF EARTH SCIENCES AND RECEIVED ENCOURAGING RESPONSE. ONCE FORMAL INVITATION HAS BEEN MADE TO FOREIGN OFFICE IT WOULD SEEM <sup>HELPFUL</sup> TO RAISE QUESTION WITH GUISHIANI AND PERHAPS LEAVE EXTRA COPY OF NOTE WITH HIM FOR KELDYSH. OBJECTIVE WOULD BE TO LEARN QUICKLY AS POSSIBLE SOVIET RESPONSE IN PRINCIPLE TO PARTICIPATION IN SCIENTIFIC CONF OR AT LEAST INDICATION WHETHER SOVIET AUTHORITIES ARE AT LEAST RECEPTIVE TO IDEA. YOU WILL APPRECIATE EARLY INDICATION OF SOVIET REACTION WILL HAVE IMPORTANT INFLUENCE ON NATURE OF OUR DISCUSSIONS WITH OTHER PROSPECTIVE PARTICIPANTS.

6. FOR WASHDC: USA AUTHORITIES HAVE FOR SOME TIME BEEN AWARE OF OUR INTENTION TO HOLD SCIENTIFIC CONF. WE HAVE NOT/NOT HOWEVER TAKEN UP KIND OFFER OF JONES OF NSF TO ASSIST IN PREPARATIONS BECAUSE THIS MIGHT BE MISUNDERSTOOD BY USSR WHO HAVE TENDED TO BE SOMEWHAT SUSPICIOUS OF CLOSENESS OF OUR RELATIONSHIPS WITH USA ON ARCTIC TREATY QUESTION.

7. FOR LDN: WSAW: PARIS: TOKYO: WE ARE VERY CONSCIOUS OF PAST AND PRESENT CONTRIBUTIONS OF THESE COUNTRIES TO ARCTIC EXPLORATION AND RESEARCH. IT SHOULD BE EXPLAINED THAT THEIR PRESENCE AS OBSERVERS IS VERY MUCH DESIRED FOR SUBSTANTIAL CONTRIBUTION THEY CAN MAKE BUT THAT NEED TO DEFINE ARCTIC STATES RATHER NARROWLY STEMS FROM CONSIDERATION THAT CONTINUING INTERNATL ARRANGEMENTS FOR FUTURE COOPERATION MIGHT BE SET IN MOTION AT CONF IN WHICH CASE SOME GEOGRAPHIC DEFINITION WOULD BECOME NECESSARY. WE HOPE THIS FORMAL DELINEATION WOULD NOT/NOT INHIBIT THEIR PARTICIPATION IN ANY PRACTICAL WAY IN THIS CONF OR ANY FUTURE DEVELOPMENTS WHICH MIGHT CONCEIVABLY STEM FROM IT.

8. FOR OSLO: CONVEY INVITATION TO ICELANDIC AUTHORITIES.

→ Mr. Hunt - Mr. Rowley  
Copy sent for Mr. McEwen

R E S T R I C T E D

FM EXTEROTT OCT23/70

TO MOSCO FSR472

INFO TT TB (KEYS) DE FINANCEOTT DND DRB DE CANFORCED IANDOTT  
(HUNT) ENROTT (ROOTS) PCO (SCHUMAKCER) DOTOTT (WALSH) FANDFOTT NRCOTT  
SCISECTOTT

ARCTIC SCIENTIFIC CONF

BY NOW YOU WILL HAVE HAD OPPORTUNITY TO STUDY ITEM IN PRIME  
MINISTERS BRIEFING BOOK ON ARCTIC SCIENTIFIC CONF. AGENDA AND GENERAL  
PLANS HAVE BEEN APPROVED IN CABINET CTTEE AND ARE EXPECTED TO BE  
CONFIRMED IN CABINET NEXT WEEK. IN CTTEE MINISTERIAL VIEW WAS THAT  
SCIENTIFIC CONF OF KIND ENVISAGED WOULD BE OF DOUBTFUL VALUE WITHOUT  
SOVIET PARTICIPATION. WHILE AWAITING CABINET CONFIRMATION WE WOULD  
THEREFORE LIKE TO OBTAIN EARLIEST POSSIBLE INDICATION OF WHAT SOVIET  
RESPONSE WOULD BE TO FORMAL INVITATION. IN RAISING THIS QUESTION  
YOU COULD SAY THAT MATTER WOULD HAVE BEEN RAISED THIS WEEK BY PM,  
IT BEING OUR INTENTION IN VIEW OF RECENT DISCUSSIONS OF ARCTIC  
MATTERS AND PROSPECT OF EXCHANGES OF NORTHERN EXPERTS UNDER NEW  
AGREEMENT, TO APPROACH SOVIET AUTHORITIES BEFORE ISSUING INVITATIONS  
TO OTHER COUNTRIES.

2. YOU MIGHT MENTION THAT DR HARRISON ADM OF EMR DISCUSSED CONF  
UNOFFICIALLY AT RECENT MDRID MTG OF ICSU WITH KELDYSH PRES OF  
SOVIET SCIENCE ACADEMY AND AP VINOGRADOV VICE PRES OF EARTH  
SCIENCES AND RECEIVED ENCOURAGING RESPONSE. ONCE MATTER IS RAISED  
WITH FOREIGN MINISTRY PERHAPS WITH AIDE MEMOIRE IT WOULD SEEM  
HELPFUL TO TAKE UP QUESTION ALSO WITH GVISHIANI AND PERHAPS LEAVE  
EXTRA COPY WITH HIM FOR KELDYSH.

...2

3453

PAGE TWO 472 RESTR

3. BEARING IN MIND EXTENT TO WHICH EARLIER ATTN HAS BEEN FOCUSED ON LEGAL AND JURISDICTIONAL ASPECTS OF ARCTIC MATTERS IN DISCUSSION WITH SOVIET AUTHORITIES YOU SHOULD EMPHASIZE THAT CDN GOVT INTEREST IN PROMOTING ARCTIC DEVELOPMENT WHILE PRESERVING ENVIRONMENT HAS ALSO FOR SOME TIME BEEN TURNED IN QUITE ANOTHER DIRECTION. CDN GOVT IS CONVINCED THAT CIRCUM-ARCTIC COUNTRIES HAVE MUCH TO BENEFIT FROM EXCHANGES OF VIEWS AND OTHER COOPERATIVE ACTIVITIES AMONG THEMSELVES IN WIDE RANGE OF FIELDS NEEDING INTENSIFIED INVESTIGATION OF DEVELOPMENTAL TECHNIQUES AS WELL AS FUNDAMENTAL SCIENTIFIC RESEARCH.

4. IN RECOGNITION OF THIS NEED CDN GOVT HAS DECIDED TO SPONSOR AND HOST INTERGOVTL FOUR DAY CONF IN CDA IN APR 1971 IN CLAGARY.

WORKING PROGRAMME WOULD BE FOLLOWED BY THREE OR FOUR DAY FIELD TRIP BY AIR WITH TRANSPORTATION PROVIDED BY CDN GOVT EXPENSE TO SEVERAL ARCTIC AREAS. COUNTRIES TO BE INVITED TO PARTICIPATE AS QUOTE ARCTIC STATES UNQUOTE ARE DENMARK FINLAND ICELAND NORWAY SWEDEN USA AND UCSR. ALSO INVITED WOULD BE CERTAIN OTHER COUNTRIES HAVING RECOGNIZED ARCTIC EXPERTISE NAMELY BRIT FRANCE JAPAN AND POLAND. PARTICIPANTS EXPECTED TO ATTEND NUMBERING PERHAPS 100 WOULD BE SCIENTISTS AND OFFICIALS INVOLVED IN POLICY FORMULATION AND ADMIN OF SCIENTIFIC PROGRAMMES IN ARCTIC REGIONS. GENERAL OBJECTIVES OF CONF WOULD BE TO ACCOMPLISH EXCHANGE OF VIEWS AND INFO ON ARCTIC DEVELOPMENT, PROTECTION OF ENVIRONMENT AND PROBLEMS OF HUMAN SETTLEMENT. THESE EXCHANGES WOULD LOOK TO FINDING COOPERATIVE APPROACHES, WHERE FEASIBLE AND MUTALLY ADVANTAGEOUS, TO SOLUTIONS OF PROBLEMS WITH

...3

PAGE THREE 472 RESTR

COMMON CHARACTERISTICS. AGENDA WOULD BE ON FOLLOWING LINES: (A) GENERAL VIEW OF STATE OF KNOWLEDGE REGARDING ARCTIC FOR PURPOSE OF IDENTIFYING PROBLEM AREAS AND SOLUTIONS THROUGH RESEARCH ON BOTH NATURAL AND SOCIAL SCIENCES. (B) EVALUATION OF RELATIVE PRIORITIES FROM SCIENTIFIC POINT OF VIEW FOR ON GOING AND FUTURE PROGRAMME: (C) IDENTIFICATION OF POSSIBLE AREAS FOR COOPERATIVE OR COMPLEMENTARY ACTION ESPECIALLY IN RESEARCH WITH VIEW TO QUICKER DEVELOPMENT OF SOLUTIONS FOR MOST PRESSING PROBLEMS: (D) EXPLORATION OF MECHANISMS FOR ACHIEVING CONTINUING COOPERATION AMONG ARCTIC STATES IN SUBJS COVERED BY THIS CONF.

5. YOU SHOULD EXPLAIN THAT CALL CONF IN APR STEMS FROM FACT THAT ANY LATER DATE IN SPRING OR SUMMER WOULD NOT/NOT BE FEASIBLE BECAUSE DMANY ARCTIC EXPERTS IN CDA AND ELSEWHERE WOULD HAVE BECOME INVOLVED IN SCHEDULED SUMMER PROGRAMMES IN NORTH. WE HOPE SOVIET AUTHORITIES WILL THEMSELVES APPRECIATE OUR DESIRE TO LEARN AS QUICKLY AS POSSIBLE THEIR RESPONSE IN PRINCIPLE OR AT LEAST INDICATION WHETHER THEY ARE AT ALL RECEPTIVE TO IDEA SO THAT ADEQUATE PLANNING AND DETAILED ADMIN ARRANGEMENTS CAN PROCEED TO NEXT PHASE WITHOUT DELAY. ANY UNDUE DELAY WILL COMPLICATE ISSUANCE OF INVITATIONS TO OTHERS AND LEAVE LITTLE TIME FOR PREPARATION OF ANY PAPERS BY PARTICIPANTS AND CONF ADMIN ARRANGEMENTS.

6. ON ENLARGIN ON OUR APPROACH TO THIS CONF FOLLOWING POINTS SHOULD BE DRAWN UPON. (A) PROPOSED SCIENTIFIC CONF SHOULD NOT/NOT IN ANY WAY BE CONFUSED WITH SEPARATE PROPOSAL FOR CONF ON STANDARDS OF NAVIGATION SAFETY AND POLLUTION CONTROL IN ARCTIC WATERS WHICH AS

...4

PAGE FOUR 472 RESTK

YOU ARE AWARE IS SUBJ OF CONTINUING DISCUSSIONS BETWEEN CDA AND  
NUMBER OF INTERESTED COUNTRIES. (B) CONF WOULD BE ATTENDED BY EXPERTS  
WHO WOULD NOT/NOT BE CONCERNED WITH ANY JURISDICTIONAL QUESTIONS.  
(C) CONF WOULD BE DIRECTED TOWARDS CONSIDERATION OF SPECIFIC  
INTERESTS OF ARCTIC STATES.

(D) ARRANGEMENTS WOULD BE MADE FOR SIMULTANEOUS TRANSLATION IN  
ENGLISH FRENCH AND RUSSIAN.

7. LET US KNOW IF YOU BELIEVE IT NECESSARY TO SEND SENIOR OFFICIAL  
TO DISCUSS DETAILS WITH SOVIET COUNTERPART.

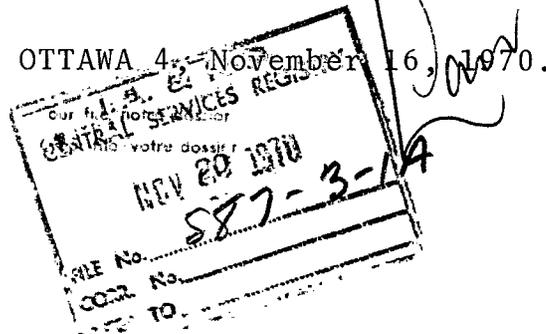
8. WE HAVE SPOKEN INFORMALLY TO BOBROV SCIENCE COUNSELLOR AT SOVIET  
EMB HERE TELLING HIM THAT YOU WOULD BE TAKING THIS MATTER UP IN  
MOSCOW. HE HAD ALREADY HEARD OF DR HARRISON'S DISCUSSION WITH KELDYSH  
IN MADRID AND SEEMED TO REFLECT VIEW THAT SOVIET AUTHORITIES WOULD  
RESPOND FAVOURABLY TO OUR INITIATIVE.

RFT232253Z

Department of  
Indian Affairs and  
Northern Development



Ministère des  
Affaires indiennes et  
du Nord canadien



MR. L.A.C.O. HUNT

-- I think we can assume that Mr. Hunt agrees with the suggestions made in my memorandum of November 9, copy attached, in which we undertake to have a paper prepared for the next meeting of the A.C.N.D. Co-ordinating Committee to deal with the three points raised in the memorandum.

I would be grateful, therefore, if you would have the necessary steps taken to have this paper prepared in time for the December meeting of the Co-ordinating Committee involving whoever you think should be involved at this point.

I have advised Mr. Weick of this request by a copy of this memorandum.

W. D. Mills,  
Assistant Director,  
Economics, Research  
and Planning.

c.c. Mr. E.R. Weick

*meeting 19.11.70 @ 9.30 AM in room 1032.*

*Mr. Mitsman*

*Please set up a meeting to include Sheila McNamee, Paul Jorlick, Ken Bowles?*

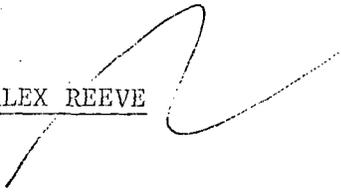
Department of  
Indian Affairs and  
Northern Development



Ministère des  
Affaires indiennes  
du Nord canadien

OTTAWA 4, November 9, 1970

MR. ALEX REEVE



AGENDA FOR ACND CO-ORDINATING  
COMMITTEE - NOVEMBER 19

You will recall that Item 2 on the proposed agenda for the above mentioned meeting referred to employment of Northern residents and specifically to a Report (XND - 16) which had been distributed to members. When we discussed this with Mr. Hunt he did not want a general discussion of this item but rather some specific recommendations for the Committee to deal with.

I have discussed this fully with Mr. L.A.C.O. Hunt and Sheila McBain to determine the exact status of the item. The paper does not, in fact, contain any specific recommendations and on the basis of my examination, I would suggest the matter not be included on the agenda for the forthcoming meeting. I would suggest that it be held over for discussion at the December meeting and I will undertake between now and then to have a supplementary paper prepared to deal with the following three substantive points.

- (1) A definition of a Northern resident;
- (2) Proposed annual goals towards the objective of 75% employment of Northern residents by 1977;
- (3) The question of whether the 75% should include employees of federal departments and agencies only or also of the Territorial Governments.

Material that has been circulated so far does not make recommendations with respect to these matters which I think are the ones which the Committee should deal with.

I would appreciate your advice.



W. D. Mills,  
Assistant Director,  
Economics, Research and Planning

TO: *M. Mills*  
A:

- Date
- May we discuss  
Discussion avec nous
- As requested  
Selon indications
- Note  
Noter
- Note and return  
Noter et retourner
- Note and forward to  
Noter et faire suivre à
- .....
- Information
- .....

- Approval  
Approbation
- Signature
- Comment  
Commentaire
- Action  
Donner suite
- Direct Reply  
Répondre directement
- Copy for this office  
Copie pour ce bureau
- Preparation of reply by  
Réponse d'ici le

*Agree with deletion of agenda item. The new paper should also seek to establish a means of monitoring each Dept's progress towards the objective & possibly assistance, pressure or whether is needed to ensure progress.*

*ASH*

Department of  
Indian Affairs and  
Northern Development



Ministère des  
Affaires indiennes et  
du Nord canadien

*ad*  
A.D. Hunt,  
A/Assistant Deputy Minister  
(Northern Development)

Ottawa 4, November 16

our file/notre dossier  
your file/votre dossier

*PA*  
CENTRAL REGISTRY  
NOV 25 1970  
S 87-3-PA

A.C.N.D. Co-ordinating Committee Agenda

You asked whether the item dealing with the employment of northern residents should be included on the Co-ordinating Committee Meeting Agenda for the November 19 meeting. I discussed this with Dan Rainboth on Friday.

I had suggested leaving it off in the first place because the paper that was circulated to members at the October 16 meeting made some general proposals but did not deal with the specific substantive questions which have to be settled. I felt that recommendations on -- these matters (outlined in my November 9 memo attached) should be ready to put before the Committee before we include the item on the Agenda. I have undertaken to have these recommendations ready for the December meeting.

I have also been advised that neither of the Commissioners nor John Parker will attend Thursday's meeting, so that there would be no embarrassment from that point of view if the item is not on for discussion.

Finally, I am sure that the matter of northern employment will come up in the discussion of item 1 on the agenda. This will give you the opportunity to report that some substantive proposal will come before the Committee at its next meeting.

On the above bases I did not include the item on the agenda.

W.D. Mills,  
Assistant Director,  
Economics, Research  
and Planning.

*Prove*  
c.c. A.J. Reeve

3150

Department of  
Indian Affairs and  
Northern Development



Ministère des  
Affaires indiennes et  
du Nord canadien

OTTAWA 4, November 9, 1970.

MR. ALEX REEVE

AGENDA FOR ACND CO-ORDINATING  
COMMITTEE - NOVEMBER 19

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I would appreciate your advice.

W. D. Mills,  
Assistant Director,  
Economics, Research and Planning.

PA  
NOV 12 1970  
I.A. & N.D.  
CENTRAL SERVICES REGISTRY  
NOV 16 1970  
587-3-1A  
FILE NO. \_\_\_\_\_  
CORR. No. \_\_\_\_\_  
REFER. TO \_\_\_\_\_

Acting Director,  
Territorial Relations Branch

Ottawa 4, November 12, 1970.

R-130-20

Minutes of Meetings

I do not seem to have received any recent minutes of meetings of the Federal-Interdepartmental Coordinating Committee which was established in Whitehorse in 1968.

As this Committee was established on authority from the A.C.N.D., I think it is only proper to assume that ~~all~~ copies of the meetings of this Committee should be send to the Secretariat.



L.A.C.O. Hunt,  
Secretary,  
Advisory Committee  
on Northern Development.

HUNT/bw

**Advisory Committee  
on Northern Development**



**Comité consultatif de la mise  
en valeur du Nord canadien**

*Handwritten signature*

**MEETING OF THE CO-ORDINATING COMMITTEE  
OF THE ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT**

**Thursday, November 19, at 2:30 p.m.  
Conference Room - 1423  
Department of I.A.N.D., Centennial Tower Bldg.**

I.A. & N.D.  
CENTRAL SERVICES REGISTRY  
NOV 13 1970  
FILE NO. 587-3-1A  
CORR. No.  
REF. TO *Louky*

AGENDA

1. Development of Canadian Forces Activities in the North,  
Document XND-25 (Briefing by BGen R. Withers).
2. Oil Storage - Frobisher Bay,  
Document XND-26.
3. Ditchley Conference -  
A progress report by the Department of External Affairs.
4. Mid-Canada Development Foundation XND-28  
- Letter from R. Rohmer.
5. To table for information purposes
  - (i) Resolutions from 4th National Northern Conference,  
Document XND-22;
  - (ii) Monzino Polar Expedition 1971,  
Document XND-23;
  - (iii) Closing of DEW Line Station Fox-1,  
Document XND-24 - already distributed;
  - (iv) Transfer of responsibility for maintenance -  
Alaska Highway XND-27.

L.A.C.O. Hunt,  
Secretary.

November 10, 1970.

Advisory Committee  
on Northern Development



Comité consultatif de la mise  
en valeur du Nord canadien

MEETING OF THE CO-ORDINATING COMMITTEE  
OF THE ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT

Thursday, November 19, at 2:30 p.m.  
Conference Room - 1423  
Department of I.A.N.D., Centennial Tower Bldg.

CENTRAL SERVICES

NOV 25  
FILE No. 587-3-1A  
CORR. No.  
REFER. TO

AGENDA

1. Development of Canadian Forces Activities in the North,  
Document XND-25 (Briefing by BGen R. Withers).
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Alaska Highway XND-27.

L.A.C.O. Hunt,  
Secretary.

November 10, 1970.

Advisory Committee  
on Northern Development

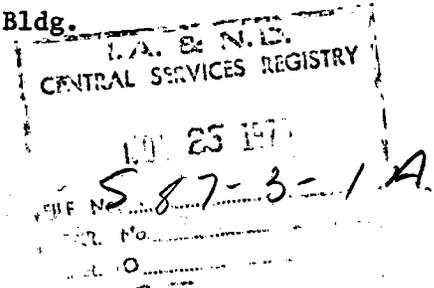


Comité consultatif de la mise  
en valeur du Nord canadien

PA  
MS

MEETING OF THE CO-ORDINATING COMMITTEE  
OF THE ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT

Thursday, November 19, at 2:30 p.m.  
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Department of I.A.N.D., Centennial Tower Bldg.



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L.A.C.O. Hunt,  
Secretary.

November 10, 1970.

Department of  
Indian Affairs and  
Northern Development



Ministère des  
Affaires indiennes et  
du Nord canadien

A/Assistant Deputy Minister  
(Northern Development)

OTTAWA 44 November 10, 1970.

FILE No. 587-3-1A

CORR. No. \_\_\_\_\_

REFER. TO \_\_\_\_\_

Proposed Agenda for ACND Co-Ordinating Committee

-- A revised proposed agenda for the Co-Ordinating Committee on November 19 is attached.

You will note that two items have been deleted from the agenda we discussed last week, namely:

- (1) Employment of Northern Residents - I attach a memorandum which explains the suggestion that this item not be included on the agenda as there is really nothing substantive to decide on at this time. Mr. Reeve has concurred in my recommendation.
- (2) Draft set of Proposals leading towards Revision of the Canada Mining Regulations - The Paper that was circulated previously with respect to this item indicated that by the end of September it was expected that oral and written briefs from Industry on the proposed draft set would be available for discussion. It now seems apparent that the memorandum to the Minister requesting authority to proceed with discussions with Industry was never approved. A separate memorandum explaining this matter is coming up to you.

In the circumstances, I recommend that it not be included on the agenda for next week's meeting as there is nothing substantive to put forward.

-- I attach a memorandum from L.A.C.O. Hunt dealing with the Ditchley Conference. He has ascertained from External Affairs that they would like to have an opportunity to make a report to the ACND at next week's meeting.

Item 4 provides for a discussion of the proposal put forward by Mr. Rohmer in April. His letter and a brief explanatory memorandum will be included with the agenda.

- 2 -

We have added as Item 5 (iv) the item dealing with the transfer of responsibility for the maintenance of the Alaska Highway which you asked be included for information purposes.

I would appreciate your approval.

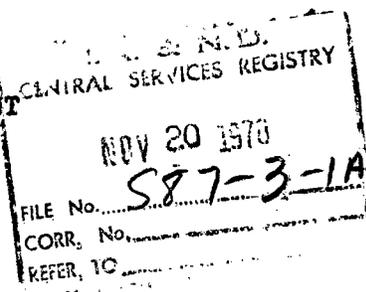


W. D. Mills,  
Assistant Director,  
Economics, Research and Planning.

c.c. Mr. Reeve  
(For Information)

MEETING OF THE CO-ORDINATING COMMITTEE  
OF THE ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT

Thursday, November 19, at 2:30 p.m.  
Conference Room - 1423  
Department of I.A.N.D., Centennial Tower Bldg.



AGENDA

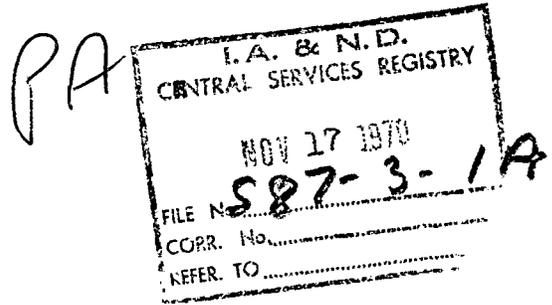
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Alaska Highway XND-27.

L.A.C.O. Hunt,  
Secretary.

November 10, 1970.

OTTAWA 4, November 10, 1970.

MR. L.A.C.O. HUNT



MINUTES OF THE 80TH MEETING  
OF THE A.C.N.D.

As you will see from Mr. Reeve's note he has made some changes in the wording of the minutes of the above mentioned meeting which you submitted to him on Tuesday.

I have had the last Page five (5) retyped to incorporate Mr. Reeve's suggestions and some amendments that I have made. I think that the minutes are now ready for typing and distribution.

As I mentioned to you in our discussion last week, Mr. Hunt and Mr. Reeve are expecting me to take some direct responsibility in the work of the A.C.N.D. and the Secretariat. I would be grateful in the future, therefore, if you would route the minutes of the A.C.N.D. and the sub-committees to me on the way up for approval.

ORIGINAL SIGNED BY  
W. D. MILLS

W.D. Mills,  
Assistant Director,  
Economics, Research and Planning.

MILLS:JM

Advisory Committee  
on Northern Development



Comité consultatif de la mise  
en valeur du Nord canadien

L.A.C.O. HUNT  
CENTRAL SERVICES DIVISION  
FILE No. 58731A  
CORR. No.  
DATE TO

The next meeting of the Co-ordinating Committee of the Advisory Committee on Northern Development will take place on Thursday, November 19, at 2:30 p.m. in the Conference Room of the Department of Indian Affairs and Northern Development, Centennial Tower, 400 Laurier Avenue West, Ottawa, Ontario.

AGENDA

1. Development of Canadian Forces Activities in the North, Document XND-25 (Briefing by BGen R. Withers).
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  - (ii) Montzino Polar Expedition 1971, Document XND-23.
  - (iii) Closing of DEW line station Fox-1, Document XND-24. - *already distributed*
6. Other business. IV *Transfer of responsibility for maintenance - Alaska Highway XND 27.*

L.A.C.O. Hunt,  
Secretary.

November 9, 1970.

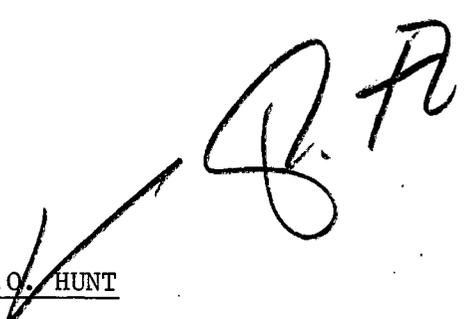
4. Inid Canada Development Foundation  
XND 30 - letter from R. Robner.

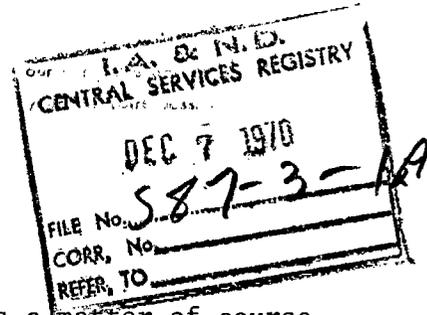
Department of  
Indian Affairs and  
Northern Development



Ministère des  
Affaires indiennes et  
du Nord canadien

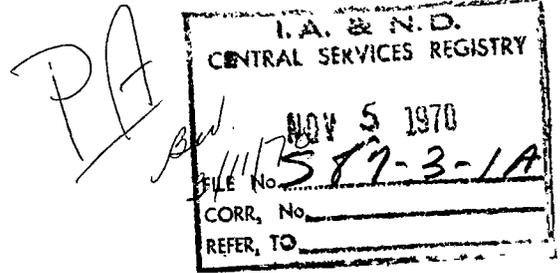
OTTAWA 4, November 4, 1970.

  
MR. L.A.C.O. HUNT



I would be grateful if you would ensure that as a matter of course  
I have received copies of the ACND Minutes, Minutes of the  
Co-ordinating Committee and Minutes of the two Sub-Committees on  
a regular basis.

W.D. Mills,  
Assistant Director,  
Economics, Research and Planning.



Mr. S.M. Hodgson,  
Commissioner of the  
Northwest Territories,  
Box 1320,  
Yellowknife, N.W.T.

Ottawa 4, November 3, 1970. X

R-130-20

Dear Mr. Hodgson,

I have your telex concerning item I of the last A.C.N.D. meeting. I could not send it to you at the time as it only came off the printing room the day of the meeting.

- It is now enclosed and I shall also send you the minutes of the proceedings of that meeting later this week. I was most unhappy that the short notice prevented you and Commissioner Smith from attending and I pleaded with the Chairman for more lead time to enable you to obtain all the background papers and to be in a position to participate in a more meaningful way to the deliberations of the A.C.N.D.

I am hopeful that by now I have convinced the authorities that this is essential. For this reason alone, you have been given advanced notice of the Coordinating Meeting of November 19th and the papers are now being sent along.

Yours sincerely,

L.A.C.O. Hunt,  
Secretary,  
Advisory Committee  
on Northern Development.

Encl.

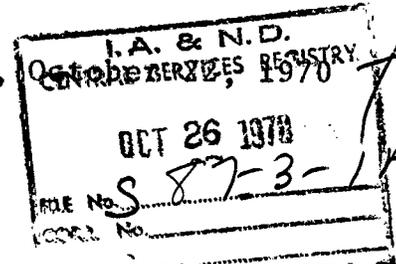
L.A.C.O.Hunt/bw

P.A.

CONFIDENTIAL

Mr. J. Smith,  
Commissioner of the Yukon,  
Whitehorse, Yukon Territory

Ottawa 4,



Dear Mr. Smith:

The A.C.N.D. meeting of yesterday's date discussed the following items.

1. Arctic Treaty Conference
2. Arctic Science Conference

- I enclose draft (2nd) of the U.S. proposals, which were discussed clause by clause. It does not yet meet the standards which the Canadian Government has suggested, and if you have any comments to offer, they would be appreciated.
- With respect to the second item, I also attach a copy of the memorandum to Cabinet. The discussion on this item produced agreement as to where the conference should be held (Calgary), the timing, (April 19 - 22 - 23?) to be followed by a visit to the north for approximately 100 delegates. We discussed the method of issuing invitations and it was decided to seek confirmation from the U.S.S.R. before issuing invitation to other countries.

A copy of the minutes will be forwarded as soon as they are ready.

We also tabled the final version of the "National Objectives for Northern Canada". They represent the many suggestions and advice received from the majority of members. It is hoped that you will agree with this document, as it will be placed before the Cabinet in November.

Yours sincerely,

L.A.C.O. Hunt,  
Secretary,  
Advisory Committee on  
Northern Development

P.A.

Mr. S.M. Hodgson,  
Commissioner of the N.W.T.,  
Yellowknife, N.W.T.

CONFIDENTIAL

Ottawa 4, October 22, 1970

I.A. & N.D.	
CENTRAL SERVICES REGISTRY	
OCT 26 1970	
FILE No.	S 77-3-1A
CORR. No.	
REF. TO	

Dear Mr. Hodgson:

The A.C.N.D. meeting of yesterday's date discussed the following items.

1. Arctic Treaty Conference
2. Arctic Science Conference

-- I enclose draft (2nd) of the U.S. proposals, which were discussed clause by clause. It does not yet meet the standards which the Canadian Government has suggested, and if you have any comments to offer, they would be appreciated.

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Same copy to Mr. J. Smith,  
Commissioner of the Yukon,  
Whitehorse, Yukon Territory

...2

- 2 -

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Yours sincerely,

L.A.C.O. Hunt,  
Secretary,  
Advisory Committee on  
Northern Development

P.A.

Mr. Gordon Tayler,  
Director of Resource Programs,  
Department of Finance  
Confederation Building,  
Ottawa, Ontario

Ottawa

I. A. & N. D.	
CENTRAL SERVICES REGISTRY	
OCT 26 1970	
FILE No.	587-3-1.A
CORR. No.	
REFER. TO	

Dear Gordon:

The following documents were distributed at the Advisor Committee on Northern Development meeting yesterday.

2nd draft - Arctic Treaty  
Memorandum N.D. 491 - proposal for an Intergovernmental Scientific Conference National Objectives for Northern Canada.

The draft Arctic Treaty was considered clause by clause and External Affairs (Mr. Lcgault) would welcome any additional comments.

The National Objectives for Northern Canada, is hopefully in its final form and represents the view and input from all the members. Unless you find something on which you radically disagree, it will go forward to the Privy Council for consideration by the Priorities and Program Committee. You might wish to consult Mr. A.D. Hunt in the event of serious disagreement.

Yours sincerely,

LACO Hunt,  
Secretary, ACND

Advisory Committee  
on Northern Development



*Handwritten signature*

Comité consultatif de la mise  
en valeur du Nord canadien

CONFIDENTIAL

I. A. & N. D.  
CENTRAL SERVICES REGISTRY

ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT

The 80th meeting of the Committee was held on Wednesday, October 21, 1970 at 2:30 p.m. in the Conference Room of the Department of Indian Affairs and Northern Development, 14th floor, Centennial Tower, 400 Laurier Avenue West, Ottawa

FILE No.	NOV 17 1970 587-3-1A
CORR. No.	
REFER. TO	<i>Rowley</i>

PRESENT:

Mr. H.B. Robinson, Deputy Minister, Department of Indian Affairs and Northern Development

(Chairman)

- Dr. J.C. Arnell, Department of National Defence
- LCol M.G. Bryan, Department of National Defence
- C/Supt C.R. Doly, Royal Canadian Mounted Police
- Mr. J.D. Keyes, Treasury Board
- Dr. J.H. Hodgson, Department of Energy, Mines and Resources
- Mr. A.D. Hunt, Department of Indian Affairs and Northern Development
- Dr. W.B. Hutcheon, National Research Council
- Mr. L.H. Legault, Department of External Affairs
- Dr. A.M. Pennie, Defence Research Board
- Col K.W. Macdonald, Department of National Defence
- Mr. H.M. Walsh, Ministry of Transport
- Mr. K.W. Wardroper, Department of External Affairs
- Miss V.A. Sims, Department of Manpower and Immigration
- Mr. T. Thorgrimsson, Department of Energy, Mines and Resources
- Mr. J.M. Shoemaker, Privy Council Office
- Dr. R. Uffen, Science Secretariat
- BGen R.A.B. Ellis, Department of National Defence
- BGen R.M. Withers, Department of National Defence

Mr. L.A.C.O. Hunt, Department of Indian Affairs and Northern Development

(Secretary)

OTHERS PRESENT

Mr. D.A. Davidson)  
Mr. K. Greenaway )  
Mr. T. Hyslop )  
Mr. C.C. Hitsman ) Department of Indian Affairs and Northern Development  
Mr. C.L. Merrill )  
Mr. G.W. Rowley )

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## I. National Objectives for Northern Canada

Memorandum to Cabinet and Position Paper with appendices distributed.

Mr. Hunt indicated that the draft now submitted to members represented the consensus and views of all the departments in so far as can be ascertained.

The Chairman expected the document would be considered by the Priorities and Planning Sub-Committee of the Cabinet on November 3rd.

Mr. Hunt expected that Departments, once Cabinet approval, would adopt a coordinated approach to northern objectives. He suggested a third recommendation to be added to the memorandum;

"that all departments and agencies of the Canadian Government in the process of carrying out their functions and responsibilities in the North adhere to these national objectives".

## II. Arctic Treaty Conference

The American second draft Treaty was distributed to members.

Mr. Legault explained the many problem areas which divided the two countries in their individual approaches to the same objective. In some instances the U.S. had conceded to the Canadian view, or had proposed reasonable changes bringing their proposals closer to the Canadian viewpoint. Some of the newer proposals were considered to be the maximum concessions the U.S. were prepared to make towards the Canadian position. This second draft still falls short of the Canadian position.

In answer to a question whether this draft had been circulated to countries other than Canada - the answer was "no".

There was a clause-by-clause reading of the Treaty.

The following points were raised:

1. The preamble could be more precise.
2. A meaningful definition of arctic "waters".
3. Problems in defining N of 60°.
4. The importance of the coastal state.
5. Canada must not be deprived of taking action under Canadian law.
6. The possibility of a majority vote by the Commission in favour of a point unacceptable to Canada.

7. The problem of penalties and the need for a deterrent and not a punitive approach.
8. Interrelationship between domestic legislation and what is acceptable under the Treaty.
9. A clearer definition of person and state, as in Article 1, Subsection (e).
10. The possibility of the coastal state acting independently.
11. The use of an escape clause, in case of dissent.

It was agreed that in the event the proposed Commission is established the seat of the Commission should be Canada. (viz. Article VII subsection 8). The articles dealing with the Secretariat and the procedures for operating the Secretariat received general approval. (viz. Articles VII subsections 9, 11, 12 and 13 and Article VIII)

It was also agreed that Article IX is one of the key articles and some divergence of opinion was expressed particularly with respect to the delineation of arctic zones. An example, is the question of the position of the U.K. when it has sovereignty over the Shetland Isles which lie almost entirely north of the 60°?

Mr. Legault suggested that

"Members who have specific views should make them in writing to the Legal Division, Department of External Affairs, and these views will be taken into consideration in the next round of discussions with the U.S. counterparts".

The Committee agreed.

### III. Arctic Science Conference

In the absence of Dr. Roots, Chairman of the Sub-committee on Science and Technology, Mr. Rowley reported:

1. The Memorandum to Cabinet recommending that Canada convene a Governmental Scientific Conference on Arctic Problems was approved by a Cabinet Committee on October 13, 1970.
2. It was sent on to Cabinet but has not yet received final approval.
3. In the meantime certain preliminary plans for the organization of the Conference have been drawn up and it is expected that the Sub-committee will meet in a few days to consider these plans.

Dr. Uffen suggested that the Conference would be futile without the participation of the U.S.S.R. and that every effort should be made to achieve it, including sending a delegation to Moscow if necessary. He proposed that invitations to other countries be withheld until the position of the U.S.S.R. is known.

At the conclusion of the discussion it was agreed that:

- (1) The Canadian Ambassador in Moscow be requested to advise his Department within three weeks of the Soviet position on participation in the proposed Conference;
- (2) In the meantime the necessary preparations for the Conference should continue regardless of the Soviet response;
- (3) The Conference should be in Calgary on April 19 - 22, 1971.

L.A.C.O. Hunt,  
Secretary.

Department of Indian Affairs  
and Northern Development  
Ottawa, November 12, 1970.

LAND (LACO Sent)

C O N F I D E N T I A L

FM CANDELNY OCT5/70 NO/NO STANDARD

TO EXTER(FLE, LEGAULT)1469

EMANDROTT(CROSBY)DE OTT

INFO TT GENEV(LAPOINTE)DE PARIS

UNGA XXV:FIRST CTTEE SEABED:PRINCIPLES

AS YOU KNOW CTTEE WAS UNABLE TO AGREE ON PRINCIPLES DURING LAST SESSION IN GENEV DUE LARGELY TO INTRANSIGENCE ON PART OF LATINS ON QUESTION OF ADMITTING THE NEED TO DELIMIT THE AREA BEYOND NATL JURISDICTION AND ON THE PART OF THE USSR ON WHETHER THE PRINCIPLES SHOULD LAY DOWN IN ADVANCE THE BASIC REQUIREMENTS OF THE PROPOSED REGIME PARTICULARLY THE ISSUE OF EQUITABLE SHARING. PINTO OF CEYLONESE DEL APPROACHED US TODAY TO SAY THAT HE HAD BEEN TALKING WITH THE LATINS AND THE RUSSIANS ON THESE ISSUES IN THE HOPE OF BRINGING ABOUT AGREEMENT ON PRINCIPLES DURING THIS SESSION OF UNGA. ACCORDING TO HIM THE LATINS HAVE EXPRESSED A WILLINGNESS TO COMPROMISE PROVIDED THE USSR IS WILLING TO DO SO. THE USSR DEL HAD SHOWN NO/NO MORE FLEXIBILITY THUS FAR HOWEVER, THAN THEY DID AT GENEV. NONETHELESS PINTO PASSED US THE QUOTE ANONYMOUS DRAFT UNQUOTE PRODUCED BY A NUMBER OF DELS WORKING WITH THE DEL OF CEYLON IN GENEV AND ASKED FOR OUR COMMENTS ON THE WORDING WHICH RAISES THE UNRESOLVED DIFFICULTIES. (COPIES OF THE DRAFT ARE GOING FORWARD BY AIRMAIL). IN THE MEANTIME WE ARE SETTING OUT BELOW TWO SPECIFIC PROVISIONS ON WHICH WE HAVE BEEN ASKED TO COMMENT: (A) QUOTE

...2

PAGE TWO 1469 CONFD NO/NO STANDARD

AFFIRMING THAT THESE IS AN AREA OF THE SEABED AND THE OCEANFLOOR, AND THE SUBSOIL THEREOF, BEYOND THE LIMITS OF NATL JURISDICTION, AND THAT THERE SHOULD BE A PRECISE AND INNATLY ACCEPTED DELIMITATION OF THE AREA UNQUOTE.COMMENT: BRAZILIAN DEL COULD ACCEPT THE FOLLOWING PHRASE SUBSTITUTED AFTER THE WORD JURISDICTION QUOTE AND HAVING IN MIND THE GENERALLY EXPRESSED VIEW THAT THE PRECISE LIMITS OF THE AREA ARE YET TO BE DETERMINED UNQUOTE.(B)QUOTE THE REGIME SHALL, INTERALIA, PROVIDE FOR THE ORDERLY DEVELOPMENT AND RATIONAL MANAGEMENT OF THE AREA AND ITS RESOURCES AND FOR EXPANDING OPPORTUNITIES IN THE USE THEREOF AND ENSURE THE EQUITABLE SHARING BY THE INNATL COMMUNITY IN THE BENEFITS DERIVED THEREFROM, TAKING INTO PARTICULAR CONSIDERATION THE INTERESTS AND NEEDS OF THE DEVELOPING COUNTRIES, WHETHER LANDLOCKED OR COASTAL.UNQUOTE.COMMENT: BULGARIA COULD ACCEPT LANGUAGE ALONG FOLLOWING LINES QUOTE IN THE ELABORATION OF THE SAID TREATY, QUESTIONS RELATING INTERALIA TO THE ORDERLY DEVELOPMENT AND RATIONAL MANAGEMENT OF THE AREA...SHALL BE CONSIDERD UNQUOTE.PINTO HAS SUGGESTED LANGUAGE ADMITTING THE NEED TO CONSIDER SUCH QUESTIONS, WHICH HE THINKS USSR WOULD ACCEPT, BUT NOT/NOT THE LATINS.

2. IN LIGHT OF PRESSURE FOR RETENTION OF SEATS ON SEABED CTTEE IT WOULD BE DESIRABLE IF WE COULD BE ASSOCIATED WITH CEYLON(AND PERHAPS OTHER DELS) IN PRESENTING DRAFT PRINCIPLES. GRATEFUL YOUR COMMENTS UPON RECEIPT OF TEXT OF DRAFT.

RFT 052305Z

1 (AND (RULLI HUNT))

C O N F I D E N T I A L

FM OSLO SEP28/70 NO/NO STANDARD

TO EXTER 391 PRIORITY

INFO TT CANDELNY DE OTT

LAW OF THE SEA AND FISHING LIMITS

WHEN IN ICELAND LAST WEEK, I HAD DISCUSSION WITH HANS ANDERSEN, SPECIAL MFA LEGAL ADVISER, ON THIS SUBJECT AS WELL AS ON OUR ARCTIC LEGISLATION AND HE EXPRESSED DESIRE FOR ICELAND AND CDA TO WORK EVEN MORE CLOSELY IN FUTURE AS OUR AIMS AND POLICIES, AS COASTAL FISHING STATES, ARE VERY SIMILAR. FOREIGN MINISTER JONSSON ALSO INDICATED SAME TO ME AND SAID HE WAS PLEASED WITH CDAS FISHERIES POLICIES AND MINISTER DAVIS STATEMENTS IN PARTICULAR.

2. ANDERSEN REFERRED TO FORTHCOMING UNGA CONSIDERATION OF PROPOSED LAW OF SEA CONFERENCE (HE WAS SOMEWHAT DISMAYED THAT IT HAD BEEN REFERRED TO POLITICAL INSTEAD OF LEGAL CITEE) WHICH HE WILL ATTEND. HE ASKED FOLLOWING QUESTIONS ABOUT CDAS POLICY IN THIS CONTEXT AND I UNDERTOOK TO TRY TO OBTAIN REPLIES SOONEST WHICH I WILL PASS ON TO HIM THROUGH ICELANDIC AMBASSADOR IN OSLO.

3. WHAT WILL CDN POLICY BE IN UNGA (AND AT PROPOSED CONFERENCE) AS TO FISHING RIGHTS OF COASTAL STATES BEYOND 12 MILES? WILL IT BE BASED ON THE QUOTE EXCLUSIVE UNQUOTE OR ON THE QUOTE PREFERENTIAL UNQUOTE CONCEPT AND HOW WILL IT WORK IN PRACTICE?

4. WILL WE REVEAL OUR POLICY IN THE CURRENT UNGA DISCUSSION?

5. ICELAND WANTS TO HAVE A SUBSTANTIVE DISCUSSION IN THIS UNGA

...2

PAGE TWO 351 CONFD

BEFORE DECISION IS TAKEN TO CONVENE NEXT LAW OF SEA CONFERENCE.  
DO WE AGREE OR DO WE PREFER TO HAVE ONLY PROCEDURAL DISCUSSION  
LEAVING SUBSTANTIVE DISCUSSION TO CONFERENCE ITSELF? ICELAND  
WANTS TO GAIN CLEARER IDEA NOW OF WHAT IS LIKELY TO EMERGE FROM  
CONFERENCE AND POSITION OF PARTICIPANTS BEFORE DECISION IS  
TAKEN TO CONVENE IT.

6. ICELAND IS OPPOSED TO NEW PROPOSED SOVIET ITEM WHICH THEY  
CONSIDER TO BE FOR HOME CONSUMPTION.

7. ANDERSENS MAIN PLEA, WITH WHICH I AM CERTAINLY SYMPATHETIC,  
IS FOR US TO COORDINATE OUR POLICIES WHENEVER POSSIBLE. HE  
ATTENDED AUG CONFERENCE IN LIMA WITH LEGAULT AND SEEMED PLEASED  
WITH LATTERS REMARKS THERE. HE TOLD ME THAT FOR ICELAND 12 MILES  
IS CERTAINLY NOT/NOT ENOUGH FOR HER EXCLUSIVE FISHING RIGHTS AND  
HER POLICY WILL BE TO INSIST UPON FISHING RIGHTS IN ALL HER  
CONTINENTAL SHELF WATERS. FOR THIS PURPOSE 200 METRES DEPTH  
LIMIT WOULD BE SATISFACTORY. QUOTE THERE IS NOTHING ELSE WE CAN  
DO NOW UNQUOTE. THIS POLICY IS STRONGLY BACKED BY ICELANDIC  
PUBLIC AND POLITICAL PARTIES AND THERE IS AN ELECTION IN ICELAND  
NEXT MAY OR JUN

GRANDE

RFT280829Z

IANP (LACO Hunt)

C O N F I D E N T I A L

FM MOSCO SEP28/70 NO/NO STANDARD

TO EXTER 2110 PRIORITY

REF MYTEL 1844 SEP1

ARCTIC CONF-INVITATION TO SOVIET EXPERTS

I ASKED VASEV TODAY WHEN WE COULD EXPECT REPLY TO OUR INVITATION TO  
KHLESTOV AND OSTROVSKY TO COME TO OTT FOR FURTHER TALKS. HE SAID  
KHLESTOV WAS NOW IN OSLO FOR TALKS WITH NORWEGIAN AUTHORITIES.  
SPEAKING UNOFFICIALLY HE DID NOT/NOT THINK VISIT COULD TAKE PLACE  
BEFORE NOV. QUESTION WAS EXTREMELY COMPLICATED AND IMPORTANT AND  
SOVIET EXPERTS THOUGHT A LITTLE MORE TIME WAS NECESSARY TO PREPARE  
FOR MTG.

2. VASEV WENT ON TO SAY THAT IN ANY CASE HE UNDERSTOOD ARCTIC CONF  
HAD BEEN POSTPONED SO THAT THERE WAS NO/NO OVERWHELMING URGENCY. HE  
ADDED THAT SO FAR AS HE KNEW SOVIET GOVT WAS STILL OPPOSED TO IDEA  
OF INTERNATIONALISING ARCTIC AND TO PROPOSED CONF. BUT HE KNEW  
KHLESTOV PROPOSED TO HAVE FURTHER TALKS WITH ME ON HIS RETURN FROM  
OSLO

FORD

RFT 281500Z

DRAFT

OCT20/70

RESTR

TEL TO: COPEN HSNKI OSLO STKHM(~~& ICELAND~~) WASHDC MCOW LDN WSAW  
TOKYO PARIS

SUB: ARCTIC SCIENTIFIC CONF.

PASSAGE OF ARCTIC WATERS POLLUTION PREVENTION ACT WAS ONE REFLECTION OF  
CDN GOVT CONCERN FOR PROTECTION OF ARCTIC ENVIRONMENT. AS YOU HAVE BEEN  
WELL AWARE DURING PAST YEAR THIS LEGISLATION HAS AROUSED CONSIDERABLE  
INTERNATL ATTENTION.

2. HOWEVER, ENTIRELY APART FROM LEGAL AND JURISDICTIONAL ASPECTS CDN  
GOVT INTEREST IN PROMOTING ARCTIC DEVELOPMENT WHILE PRESERVING ENVIRONMENT  
HAS ALSO FOR SOME TIME BEEN TURNED IN QUITE ANOTHER DIRECTION. CDN GOVT  
IS CONVINCED THAT CIRCUM-ARCTIC COUNTRIES HAVE MUCH TO BENEFIT FROM  
EXCHANGES OF VIEWS AND OTHER COOPERATIVE ACTIVITIES AMONG THEMSELVES IN  
WIDE RANGE OF FIELDS NEEDING INTENSIFIED INVESTIGATION OF DEVELOPMENTAL  
TECHNIQUES AS WELL AS FUNDAMENTAL SCIENTIFIC RESEARCH.

3. IN RECOGNITION OF THIS NEED CDN GOVT HAS DECIDED TO SPONSOR AND HOST  
INTERNATL ...4...(?) DAY CONF IN CDA IN APR 1971 IN CALGARY (?) WORKING  
PROGRAM WOULD BE FOLLOWED BY .2.. OR .3.. DAY FIELD TRIP BY AIR AT CDN  
GOVT EXPENSE TO SEVERAL ARCTIC AREAS. COUNTRIES BEING INVITED TO  
PARTICIPATE AS QUOTE ARCTIC STATES UNQUOTE ARE DENMARK, FINLAND, ICELAND,  
NORWAY, SWEDEN, USA AND USSR. ALSO INVITED WOULD BE CERTAIN OTHER  
COUNTRIES HAVING RECOGNIZED ARCTIC EXPERTISE NAMELY BRITAIN, FRANCE, JAPAN,  
AND POLAND. PARTICIPANTS EXPECTED TO ATTEND NUMBERING PERHAPS 100 WOULD  
BE SCIENTISTS FROM GOVT OR PRIVATE SECTOR AND OFFICIALS INVOLVED IN POLICY  
FORMULATION AND ADMIN OF PROGRAMS IN ARCTIC REGIONS. GENERAL OBJECTIVES  
OF CONF WOULD BE TO ACCOMPLISH EXCHANGE OF VIEWS AND INFO ON ARCTIC  
DEVELOPMENT PROTECTION OF ENVIRONMENT AND PROBLEMS OF HUMAN SETTLEMENT.  
THESE EXCHANGES WOULD LOOK TO FINDING COOPERATIVE APPROACHES, WHERE  
FEASIBLE AND MUTUALLY ADVANTAGEOUS, TO SOLUTIONS OF PROBLEMS WITH COMMON

CHARACTERISTICS. AGENDA WOULD BE ON FOLLOWING LINES: (A) GENERAL REVIEW OF STATE OF KNOWLEDGE REGARDING ARCTIC FOR PURPOSE OF IDENTIFYING PROBLEM AREAS AND SOLUTIONS THROUGH SCIENTIFIC RESEARCH OR ORGANIZATIONAL AND ADMIN ARRANGEMENTS. (B) EVALUATION OF RELATIVE PRIORITIES FROM SCIENTIFIC POINT OF VIEW FOR ON-GOING AND FUTURE PROGRAMS; (C) IDENTIFICATION OF POSSIBLE AREAS FOR COOPERATIVE OR COMPLEMENTARY ACTION ESPECIALLY IN RESEARCH WITH VIEW TO QUICKER DEVELOPMENT OF SOLUTIONS FOR MOST PRESSING PROBLEMS; (D) EXPLORATION OF MECHANISMS FOR ACHIEVING CONTINUING COOPERATION AMONG ARCTIC STATES IN AREAS COVERED BY THIS CONF. GIVEN FAVOURABLE RESPONSE TO INVITATION WE WOULD EXPECT SHORTLY TO AMPLIFY IDEAS ON AGENDA INCLUDING ITEM (D).

4. PLEASE CONVEY WRITTEN INVITATION ON BEHALF OF CDN GOVT TO GOVT(S) TO WHICH YOU ARE ACCREDITED ACCORDING TO TEXT IN FOLLOWING TELEGRAM. IN VERBAL SUPPORT OF INVITATION FOLLOWING POINTS SHOULD BE DRAWN UPON: (A) PROPOSED SCIENTIFIC CONF SHOULD NOT/NOT IN ANY WAY BE CONFUSED WITH SEPARATE PROPOSAL FOR CONF ON STANDARDS OF NAVIGATION SAFETY AND POLLUTION CONTROL IN ARCTIC WATERS WHICH AS YOU ARE AWARE IS SUBJECT OF CONTINUING DISCUSSIONS BETWEEN CDA AND NUMBER OF INTERESTED COUNTRIES. (B) CONF WOULD BE ATTENDED BY EXPERTS WHO WOULD NOT/NOT BE CONCERNED WITH ANY JURISDICTIONAL QUESTIONS. (C) CONF WOULD BE DIRECTED TOWARDS CONSIDERATION OF SPECIFIC INTERESTS OF ARCTIC STATES. (D) FOR PURPOSES OF PLANNING WE WOULD HOPE TO RECEIVE FAVOURABLE RESPONSES IN PRINCIPLE BY (?) AND WILL PROVIDE ADDITIONAL DETAILS AS RAPIDLY AS POSSIBLE THEREAFTER. (E) ARRANGEMENTS WOULD BE MADE FOR SIMULTANEOUS TRANSLATION IN ENGLISH FRENCH AND RUSSIAN.

5. FOR MCOW: IT HAD BEEN PLANNED FOR PM TO EXTEND INVITATION TO USSR BEFORE APPROACHING OTHER PROSPECTIVE PARTICIPANTS. AS INDICATED IN BRIEFING BOOK SENT TO YOU WE CONSIDER SOVIET PARTICIPATION VERY IMPORTANT TO SUCCESS OF CONF. WHATEVER MAY BE VIEWS OF SOVIET AUTHORITIES REGARDING

- 3 -

LEGAL QUESTIONS AND ARCTIC TREATY WE ARE HOPEFUL ATTENDANCE AT THIS SCIENTIFIC CONF WILL CAUSE NO/NO DIFFICULTIES FOR THEM. YOU MIGHT MENTION THAT DR. HARRISON ADM OF EMR DISCUSSED CONF UNOFFICIALLY AT RECENT MADRID MTG OF ICSU WITH KELDYSH PRES OF SOVIET SCIENCE ACADEMY AND A P VINOGRADOV VICE PRES OF EARTH SCIENCES AND RECEIVED ENCOURAGING RESPONSE. ONCE FORMAL INVITATION HAS BEEN MADE TO FOREIGN OFFICE IT WOULD SEEM/<sup>HELPFUL</sup> TO RAISE QUESTION WITH GUISHIANI AND PERHAPS LEAVE EXTRA COPY OF NOTE WITH HIM FOR KELDYSH. OBJECTIVE WOULD BE TO LEARN QUICKLY AS POSSIBLE SOVIET RESPONSE IN PRINCIPLE TO PARTICIPATION IN SCIENTIFIC CONF OR AT LEAST INDICATION WHETHER SOVIET AUTHORITIES ARE AT LEAST RECEPTIVE TO IDEA. YOU WILL APPRECIATE EARLY INDICATION OF SOVIET REACTION WILL HAVE IMPORTANT INFLUENCE ON NATURE OF OUR DISCUSSIONS WITH OTHER PROSPECTIVE PARTICIPANTS.

6. FOR WASHDC: USA AUTHORITIES HAVE FOR SOME TIME BEEN AWARE OF OUR INTENTION TO HOLD SCIENTIFIC CONF. WE HAVE NOT/NOT HOWEVER TAKEN UP KIND OFFER OF JONES OF NSF TO ASSIST IN PREPARATIONS BECAUSE THIS MIGHT BE MISUNDERSTOOD BY USSR WHO HAVE TENDED TO BE SOMEWHAT SUSPICIOUS OF CLOSENESS OF OUR RELATIONSHIPS WITH USA ON ARCTIC TREATY QUESTION.

7. FOR LDN: WSAW: PARIS: TOKYO: WE ARE VERY CONSCIOUS OF PAST AND PRESENT CONTRIBUTIONS OF THESE COUNTRIES TO ARCTIC EXPLORATION AND RESEARCH. IT SHOULD BE EXPLAINED THAT THEIR PRESENCE AS OBSERVERS IS VERY MUCH DESIRED FOR SUBSTANTIAL CONTRIBUTION THEY CAN MAKE BUT THAT NEED TO DEFINE ARCTIC STATES RATHER NARROWLY STEMS FROM CONSIDERATION THAT CONTINUING INTERNATL ARRANGEMENTS FOR FUTURE COOPERATION MIGHT BE SET IN MOTION AT CONF IN WHICH CASE SOME GEOGRAPHIC DEFINITION WOULD BECOME NECESSARY. WE HOPE THIS FORMAL DELINEATION WOULD NOT/NOT INHIBIT THEIR PARTICIPATION IN ANY PRACTICAL WAY IN THIS CONF OR ANY FUTURE DEVELOPMENTS WHICH MIGHT CONCEIVABLY STEM FROM IT.

8. FOR OSLO: CONVEY INVITATION TO ICELANDIC AUTHORITIES.

→ Mr. Hunt - Mr. Hunt  
Copy sent for Mr. Hunt

R E S T R I C T E D

FM EXTEROTT OCT23/70

TO MOSCO FSR472

INFO TT TB (KEYS) DE FINANCEOTT DND DRB DE CANFORCED IANDOTT  
(HUNT) EMROTT (ROOTS) PCO (SCHUMAKCER) DOTOTT (WALSH) FANDFOTT NRCOTT  
SCISECTOTT

ARCTIC SCIENTIFIC CONF

BY NOW YOU WILL HAVE HAD OPPORTUNITY TO STUDY ITEM IN PRIME  
MINISTERS BRIEFING BOOK ON ARCTIC SCIENTIFIC CONF. AGENDA AND GENERAL  
PLANS HAVE BEEN APPROVED IN CABINET CTTEE AND ARE EXPECTED TO BE  
CONFIRMED IN CABINET NEXT WEEK. IN CTTEE MINISTERIAL VIEW WAS THAT  
SCIENTIFIC CONF OF KIND ENVISAGED WOULD BE OF DOUBTFUL VALUE WITHOUT  
SOVIET PARTICIPATION. WHILE AWAITING CABINET CONFIRMATION WE WOULD  
THEREFORE LIKE TO OBTAIN EARLIEST POSSIBLE INDICATION OF WHAT SOVIET  
RESPONSE WOULD BE TO FORMAL INVITATION. IN RAISING THIS QUESTION  
YOU COULD SAY THAT MATTER WOULD HAVE BEEN RAISED THIS WEEK BY PM,  
IT BEING OUR INTENTION IN VIEW OF RECENT DISCUSSIONS OF ARCTIC  
MATTERS AND PROSPECT OF EXCHANGES OF NORTHERN EXPERTS UNDER NEW  
AGREEMENT, TO APPROACH SOVIET AUTHORITIES BEFORE ISSUING INVITATIONS  
TO OTHER COUNTRIES.

2. YOU MIGHT MENTION THAT DR HARRISON ADM OF EMR DISCUSSED CONF  
UNOFFICIALLY AT RECENT MDRID MTG OF ICSU WITH KELDYSH PRES OF  
SOVIET SCIENCE ACADEMY AND AP VINOGRADOV VICE PRES OF EARTH  
SCIENCES AND RECEIVED ENCOURAGING RESPONSE. ONCE MATTER IS RAISED  
WITH FOREIGN MINISTRY PERHAPS WITH AIDE MEMOIRE IT WOULD SEEM  
HELPFUL TO TAKE UP QUESTION ALSO WITH GVISHIANI AND PERHAPS LEAVE  
EXTRA COPY WITH HIM FOR KELDYSH.

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PAGE TWO 472 RESTR

3. DEARING IN MIND EXTENT TO WHICH EARLIER ATTN HAS BEEN FOCUSED ON LEGAL AND JURISDICTIONAL ASPECTS OF ARCTIC MATTERS IN DISCUSSION WITH SOVIET AUTHORITIES YOU SHOULD EMPHASIZE THAT CDN GOVT INTEREST IN PROMOTING ARCTIC DEVELOPMENT WHILE PRESERVING ENVIRONMENT HAS ALSO FOR SOME TIME BEEN TURNED IN QUITE ANOTHER DIRECTION. CDN GOVT IS CONVINCED THAT CIRCUM-ARCTIC COUNTRIES HAVE MUCH TO BENEFIT FROM EXCHANGES OF VIEWS AND OTHER COOPERATIVE ACTIVITIES AMONG THEMSELVES IN WIDE RANGE OF FIELDS NEEDING INTENSIFIED INVESTIGATION OF DEVELOPMENTAL TECHNIQUES AS WELL AS FUNDAMENTAL SCIENTIFIC RESEARCH.

4. IN RECOGNITION OF THIS NEED CDN GOVT HAS DECIDED TO SPONSOR AND HOST INTERGOVTL FOUR DAY CONF IN CDA IN APR 1971 IN CLAGARY.

WORKING PROGRAMME WOULD BE FOLLOWED BY THREE OR FOUR DAY FIELD TRIP BY AIR WITH TRANSPORTATION PROVIDED BY CDN GOVT EXPENSE TO SEVERAL ARCTIC AREAS. COUNTRIES TO BE INVITED TO PARTICIPATE AS QUOTE ARCTIC STATES UNQUOTE ARE DENMARK FINLAND ICELAND NORWAY SWEDEN USA AND USSR. ALSO INVITED WOULD BE CERTAIN OTHER COUNTRIES HAVING RECOGNIZED ARCTIC EXPERTISE NAMELY BRIT FRANCE JAPAN AND POLAND. PARTICIPANTS EXPECTED TO ATTEND NUMBERING PERHAPS 100 WOULD BE SCIENTISTS AND OFFICIALS INVOLVED IN POLICY FORMULATION AND ADMIN OF SCIENTIFIC PROGRAMMES IN ARCTIC REGIONS. GENERAL OBJECTIVES OF CONF WOULD BE TO ACCOMPLISH EXCHANGE OF VIEWS AND INFO ON ARCTIC DEVELOPMENT, PROTECTION OF ENVIRONMENT AND PROBLEMS OF HUMAN SETTLEMENT. THESE EXCHANGES WOULD LOOK TO FINDING COOPERATIVE APPROACHES, WHERE FEASIBLE AND MUTALLY ADVANTAGEOUS, TO SOLUTIONS OF PROBLEMS WITH

...3

PAGE THREE 472 RESTR

COMMON CHARACTERISTICS. AGENDA WOULD BE ON FOLLOWING LINES: (A) GENERAL VIEW OF STATE OF KNOWLEDGE REGARDING ARCTIC FOR PURPOSE OF IDENTIFYING PROBLEM AREAS AND SOLUTIONS THROUGH RESEARCH ON BOTH NATURAL AND SOCIAL SCIENCES. (B) EVALUATION OF RELATIVE PRIORITIES FROM SCIENTIFIC POINT OF VIEW FOR ON GOING AND FUTURE PROGRAMME: (C) IDENTIFICATION OF POSSIBLE AREAS FOR COOPERATIVE OR COMPLEMENTARY ACTION ESPECIALLY IN RESEARCH WITH VIEW TO QUICKER DEVELOPMENT OF SOLUTIONS FOR MOST PRESSING PROBLEMS: (D) EXPLORATION OF MECHANISMS FOR ACHIEVING CONTINUING COOPERATION AMONG ARCTIC STATES IN SUBJS COVERED BY THIS CONF.

5. YOU SHOULD EXPLAIN THAT CALL CONF IN APR STEMS FROM FACT THAT ANY LATER DATE IN SPRING OR SUMMER WOULD NOT/NOT BE FEASIBLE BECAUSE DMANY ARCTIC EXPERTS IN CDA AND ELSEWHERE WOULD HAVE BECOME INVOLVED IN SCHEDULED SUMMER PROGRAMMES IN NORTH. WE HOPE SOVIET AUTHORITIES WILL THEMSELVES APPRECIATE OUR DESIRE TO LEARN AS QUICKLY AS POSSIBLE THEIR RESPONSE IN PRINCIPLE OR AT LEAST INDICATION WHETHER THEY ARE AT ALL RECEPTIVE TO IDEA SO THAT ADEQUATE PLANNING AND DETAILED ADMIN ARRANGEMENTS CAN PROCEED TO NEXT PHASE WITHOUT DELAY. ANY UNDUE DELAY WILL COMPLICATE ISSUANCE OF INVITATIONS TO OTHERS AND LEAVE LITTLE TIME FOR PREPARATION OF ANY PAPERS BY PARTICIPANTS AND CONF ADMIN ARRANGEMENTS.

6. ON ENLARGIN ON OUR APPROACH TO THIS CONF FOLLOWING POINTS SHOULD BE DRAWN UPON. (A) PROPOSED SCIENTIFIC CONF SHOULD NOT/NOT IN ANY WAY BE CONFUSED WITH SEPARATE PROPOSAL FOR CONF ON STANDARDS OF NAVIGATION SAFETY AND POLLUTION CONTROL IN ARCTIC WATERS WHICH AS

...4

PAGE FOUR 472 RESTK

YOU ARE AWARE IS SUBJ OF CONTINUING DISCUSSIONS BETWEEN CDA AND  
NUMBER OF INTERESTED COUNTRIES. (B) CONF WOULD BE ATTENDED BY EXPERTS  
WHO WOULD NOT/NOT BE CONCERNED WITH ANY JURISDICTIONAL QUESTIONS.

(C) CONF WOULD BE DIRECTED TOWARDS CONSIDERATION OF SPECIFIC  
INTERESTS OF ARCTIC STATES.

(D) ARRANGEMENTS WOULD BE MADE FOR SIMULTANEOUS TRANSLATION IN  
ENGLISH FRENCH AND RUSSIAN.

7. LET US KNOW IF YOU BELIEVE IT NECESSARY TO SEND SENIOR OFFICIAL  
TO DISCUSS DETAILS WITH SOVIET COUNTERPART.

8. WE HAVE SPOKEN INFORMALLY TO BOBROV SCIENCE COUNSELLOR AT SOVIET  
EMB HERE TELLING HIM THAT YOU WOULD BE TAKING THIS MATTER UP IN  
MOSCOW. HE HAD ALREADY HEARD OF DR HARRISON'S DISCUSSION WITH KELDYSH  
IN MADRID AND SEEMED TO REFLECT VIEW THAT SOVIET AUTHORITIES WOULD  
RESPOND FAVOURABLY TO OUR INITIATIVE.

RFT232253Z

*Rowley*

Advisory Committee  
on Northern Development



Comité consultatif de la mise  
en valeur du Nord canadien

ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT

The fifth meeting of the Co-ordinating Committee of the Advisory Committee on Northern Development was held on Friday, October 16th, 1970 at 2:30 p.m. in the 14th floor Conference Room of the Department of Indian Affairs and Northern Development, Centennial Tower, 400 Laurier Avenue West

I.A. & N.D.  
CENTRAL SERVICES REGISTRY  
OCT 14 1970  
FILE No. S87-3-1A

PRESENT:

Mr. A.D. Hunt, Assistant Deputy Minister, Department of Indian Affairs and Northern Development (Chairman)

- Mr. C.M. Bolger, Treasury Board
- Mr. J. Greenblatt, Defence Research Board
- LCol J.A. Gardam, Department of National Defence
- Mr. R.B. Elver, Department of Energy, Mines and Resources
- Dr. N.B. Hutcheon, National Research Council
- Mr. P.L. Griffiths, Department of Supply and Services
- Mr. J. Loney, Northern Canada Power Commission
- Mr. D. Loftus, Department of Communications
- Mr. L.R. Montpetit, Northern Transportation
- Dr. A.M. Pennie, Defence Research Board
- Mr. H.D. Peel, Department of External Affairs
- Mr. R.C. Smith, Department of External Affairs
- Mr. J.P. Parkinson, Department of Fisheries and Forestry
- Mr. G. Taylor, Department of Finance
- Mr. H.M. Walsh, Ministry of Transport
- Mr. R.C. Smith, Department of External Affairs
- Mr. D.G. Wallace, Department of Manpower and Immigration
- Mr. H. Walker, Canadian Broadcasting Corporation

Mr. L.A.C.O. Hunt, Department of Indian Affairs and Northern Development (Secretary)

- 2 -

ALSO PRESENT:

Mr. D.A. Davidson, Department of Indian Affairs and Northern Development  
Mr. R. Goudie, Department of Indian Affairs and Northern Development  
Mr. F.P. Hunt, Department of Energy, Mines and Resources  
Mr. C.C. Hitsman, Department of Indian Affairs and Northern Development  
Mr. C.L. Hammond, Department of Indian Affairs and Northern Development  
Mr. A.J. Reeve, Department of Indian Affairs and Northern Development  
Mr. W. Slipchenko, Department of Indian Affairs and Northern Development  
L/Cdr A.D. Taylor, Department of National Defence  
Mr. K.S. Wood, Department of Indian Affairs and Northern Development

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1. Research Proposal by Northern Associates

Chairman's Memorandum October 5, 1970  
Document XND-17

The Chairman presented a brief history of this company, and these remarks were elaborated upon by Mr. A.J. Reeve. There followed general discussion of Northern Associates' proposal for large scale research in the North.

The Committee recommended that

"A letter be forwarded to Dr. Uffen, indicating that the Co-ordinating Committee had reviewed the proposals of Northern Associates, and that these proposals had been circulated among government departments and agencies, and that in essence there were some aspects of these proposals to which departments might wish to address themselves."

II. Relationship of Private Agencies to Canadian Government in arranging effective exchanges with the Soviet Union

Secretary's Memorandum October 5, 1970  
Document XND-18

The Chairman briefly explained the purpose of the paper and the history of the Mid Canada Foundation.

Mr. H.D. Peel spoke about the Department of External Affairs' efforts to assist Mr. Rohmer and the Mid Canada Foundation to organize a satisfactory tour of the U.S.S.R. The Canadian Embassy in Moscow had interceded but not with satisfactory results. Mr. Peel spoke about Russian reluctance to permit members of organizations who had not official status to enter certain restricted areas, and this Committee might want to consider giving official recognition to this organization. It was evident that the proposed Industrial Exchange Agreement, which would have been signed by the P.M. if he had made his Russian tour, did not cover this organization. In fact, while the Mid Canada Foundation was undoubtedly legitimate and bona fide, it was a private organization. He referred the members to item (e) of the memorandum.

The Chairman expressed some concern that the Mid Canada Foundation might make commitments for a Russian return visit to Canada which may not be compatible with our interests.

- 4 -

After further discussion the Committee recommended,

"That the Department of External Affairs will continue to assist the Mid Canada Foundation in their efforts to mount a tour of Northern U.S.S.R., but that this assistance is not to be construed as formal Canadian recognition of the Mid Canada Foundation. Any move to seek such official recognition must first be initiated by the Mid Canada Foundation."

III. Northern Transportation Co. Ltd.  
Proposed Commercial Developments on Banks Island, N.W.T.

Secretary's Memorandum October 7, 1970  
Document XND-19

The Chairman referred to the problems of the environment, the preservation of the traditional way of life and the concern of the indigenous population.

Mr. Reeve explained in some detail the request for staging area, to support the increased activities of the Company. Mr. Montpetit elaborated further the reasons why his Company was anxious to obtain the site.

Comments apropos to this application by the Commissioner of the N.W.T. were circulated.

After further discussion, it was agreed to transfer this application to the A.C.N.D. Sub-committee on Transportation for advice on the ecological and environmental aspects but that Sub-committee would not have to report back through the Coordinating Committee on this case.

IV. V.H. Hunter and Associates  
Proposed Commercial Development at Johnson Point  
on Banks Island, N.W.T.

Secretary's Memorandum October 7, 1970  
Document XND-20

The Chairman referring to this and previous paper, and having regard for the Commissioner's comments, asked if the area was suitable for more than one company to operate, and the effects this would have on the development of social services. Some discussion ensued on the economic feasibility of having two companies operating in close proximity.

- 5 -

There was additional discussion on the methodology of handling these applications, and it was suggested that the Transportation Sub-committee could look into the transportation aspects while the Co-ordinating Committee looked into the environmental control aspects.

The Committee decided to transfer this application to the Transportation Sub-committee.

V. Proposed Commercial Development - Eskimo Lakes, N.W.T. by Northern Transportation Co. Ltd.

Secretary's Memorandum October 14, 1970  
Document XND-21

The Chairman pointed out that this application did not fall into the same category as the previous two applications. In this case, there was no need to transfer this to the Transportation Sub-committee, unless other departments were interested in this area.

It was explained by Mr. Montpetit that the harbour operation would be seasonal, but the airstrip operation was to be a year-round operation and there would be 20-22 permanent employees. The N.T.C.L. would install all facilities, and it was noted that fresh water was available.

The Committee gave its approval in principle to this application.

VI. Other Business

The Committee agreed that the next meeting would be held on Thursday, November 19, 1970 at 2:30 p.m. in the 14th floor Conference Room of the Department of Indian Affairs and Northern Development.

Some of the items expected to be discussed at that meeting include:

1. A briefing on the military role in the Northern Territories - BGen Withers.
2. Draft set of proposals leading towards a revision of the Canada Mining Regulations.
3. Report on Northern Employment - XND-16 distributed at this meeting

L.A.C.O. Hunt,  
Secretary.

Department of Indian Affairs  
and Northern Development  
Ottawa, November 3, 1970.

000532

NOTICE OF MEETING

Co-ordinating Committee, A.C.N.D.

A meeting of the Co-ordinating Committee on Northern Development will be held on Friday, October 16 at 2:30 p.m. in the 14th floor Conference Room of the Department of Indian Affairs and Northern Development, Centennial Tower, 400 Laurier Ave., West, Ottawa, Ont.

*ph*  
*L*

I. A. & N. D.  
CENTRAL SERVICES REGISTRY.

NOV 17 1970  
87-3-1A

FILE No. ....  
CORR. No. ....  
REFER. TO .....

AGENDA

1. Northern Associates (Holdings) Ltd's proposal to Prime Minister - XND-17  
Outline Study of Principles of Pollution Control on Land, on the Seas, and Under the Seas, and Specific Research Recommendations for Arctic Environmental Control.
2. Relationship of Private Agencies to Canadian Government in Arranging Effective Exchanges with the Soviet Union. (Mid Canada Development Foundation) XND-18
3. Northern Transportation Company Ltd. Proposed Commercial Developments on Banks Island, N.W.T. XND-19
4. V.H. Hunter and Associates Proposed Commercial Development at Johnson Point on Banks Island, Prince of Wales Strait, N.W.T. XND-20
5. For Tabling Only: Agenda for the Fifth National Northern Development Conference - November 4 to November 6, Macdonald Hotel, Edmonton, Alberta.
6. Other Business.

Tentative Subjects for Discussion at Next Meeting:

Briefing by BGen Withers on the Role of the Canadian Forces in the North.

Ditchley Conference - May 1971 - Report by G.W. Rowley

Draft Set of Proposals Leading Towards a Revision of the Canada Mining Regulations July 1970 - Tabled at Last Co-ordinating Meeting of July 13/70.

- 2 -

Report by Mr. J.K. Naysmith on Environmental Control -  
Organization proposed to deal with problem and interdepartmental  
co-ordination.

L.A.C.O. Hunt,  
Secretary,  
Advisory Committee on  
Northern Development.

October 7, 1970.

*Handwritten initials/signature*

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IAND OTT

OCT 16/70

J SMITH COMMISSIONER ~~████████~~

WHITEHORSE

Stamp: I.A. & N.D. CENTRAL SERVICES REGISTRY  
 DATE: OCT 26 1970  
 FILE No. S 87-3-1A  
 CORR. No. \_\_\_\_\_  
 REFER. TO \_\_\_\_\_

RB 4274 REGRET THE SHORT NOTICE BUT HAVE TO INFORM YOU THAT THE  
 ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT WILL MEET ON WEDNESDAY  
 OCT 21 AT 2 PM IN CENTENNIAL TOWER OTTAWA AGENDA AS FOLLOWS

- 1. ARCTIC TREATY CONFERENCE
- 2. ARCTIC SCIENCE CONFERENCE PROGRAM REPORT

THE NECESSITY FOR DISCUSSING THESE ITEMS IS THE PRESSING NEED TO  
 CONTINUE DIALOGUE WITH THE U S AND OTHER COUNTRIES YOU WILL BE KEPT  
 INFORMED BY FORWARDING ALL RELEVANT PAPERS

L A C O HUNT SECRETARY A C N D

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Department of Indian Affairs  
and Northern Development

Ministère des Affaires indiennes  
et du Nord canadien

MESSAGE FORM

FORMULE DE MESSAGE

TO: MR. J. SMITH,  
A COMMISSIONER OF THE  
YUKON TERRITORY,  
WHITEHORE, Y.T.

FROM: L.A.C.O. HUNT  
Branch SECRETARY,  
Direction  
Division A.C.N.D.

Not to be included in Message:  
A ne pas comprendre dans le message:

File No.  
Dossier n°

Telex Phone No. (if available)  
Numéro de téléphone telex (si on le sait)

PRIORITY (Check whichever is applicable)

Délai (pointer le délai voulu)

For Delivery  
De Livraison

Within 1 hr.  
D'ici 1h

Within 3 hrs  
D'ici 3h

By 8:30 A.M. Tomorrow

Au plus tard à 8h30 demain matin

PLEASE PRINT PLAINLY OR TYPE MESSAGE BELOW  
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Addressee's - Destinataire

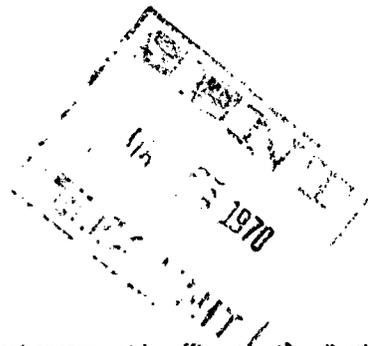
RB-4274

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COMMITTEE ON NORTHERN DEVELOPMENT WILL MEET ON WEDNESDAY,  
OCTOBER 21, AT 2:00 P.M. IN CENTENNIAL TOWER, OTTAWA. AGENDA  
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CONTINUE DIALOGUE WITH THE U.S. AND OTHER COUNTRIES. YOU WILL BE  
KEPT INFORMED BY FORWARDING ALL RELEVANT PAPERS.



If further space is required please use a second page - Si cet espace est insuffisant, prière d'utiliser une deuxième feuille.

The following information must be supplied but will not be sent with the above message.

Prière de fournir les renseignements suivants qui, toutefois, ne feront pas partie du message ci-dessus.

Message  
Prepared by -  
Rédigé par

Telephone No.:

Numéro de téléphone:

Date

Signature of Person Authorizing Message:

Signature de la personne autorisant l'envoi du message:

2-0789

16/10/70

GOVT NWT YK

IAND OTT

OCT 16/70

S M HODGSON COMMISSIONER

YELLOWKNIFE

*[Handwritten signature]*

I.A. & N.D.	
CENTRAL SERVICES REGISTRY	
OCT 26 1970	
FILE No.	587-3-1A
CORR. No.	
REFER. TO	

RB 4273 REGRET THE SHORT NOTICE BUT HAVE TO INFORM YOU THAT THE  
ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT WILL MEET ON WEDNESDAY  
OCT 21 AT 2 PM IN CENTENNIAL TOWER OTTAWA AGENDA AS FOLLOWS

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L A C O HUNT SECRETARY A C N D

IAND OTT

GOVT NWT YK

SECRET
OCT 16 1970
TELEX UNIT



Department of Indian Affairs  
and Northern Development

Ministère des Affaires indiennes  
et du Nord canadien

**MESSAGE FORM**

**FORMULE DE MESSAGE**

<b>TO:</b> S.M. HODGSON, COMMISSIONER OF THE NORTHWEST TERRITORIES, YELLOWKNIFE, N.W.T.	<b>FROM:</b> DE L.A.C.O. HUNT, Branch SECRETARY, Direction A.C.N.D.	Not to be included in Message: A ne pas comprendre dans le message:  File No. Dossier n°
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Telex Phone No. (if available) Numéro de téléphone telex (si on le sait)	PRIORITY (Check whichever is applicable) For Delivery Within 1 hr. <input type="checkbox"/> Within 3 hrs <input type="checkbox"/> De Livraison D'ici 1h <input type="checkbox"/> D'ici 3h <input type="checkbox"/>	Délai (pointer le délai voulu) By 8:30 A.M. Tomorrow <input type="checkbox"/> Au plus tard à 8h30 demain matin <input type="checkbox"/>
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PLEASE PRINT PLAINLY OR TYPE MESSAGE BELOW  
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CODE NO-CODE N°	CODE NO-CODE N°
Originator's - Envoyeur	Addressee's - Destinataire
RB-4273	03745528

REGRET THE SHORT NOTICE BUT HAVE TO INFORM YOU THAT THE ADVISORY  
 COMMITTEE ON NORTHERN DEVELOPMENT WILL MEET ON WEDNESDAY  
 OCTOBER 21, AT 2:00 P.M. IN CENTENNIAL TOWER, OTTAWA. AGENDA  
 AS FOLLOWS:

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If further space is required please use a second page - Si cet espace est insuffisant, prière d'utiliser une deuxième feuille.

The following information must be supplied but will not be sent with the above message.  
 Prière de fournir les renseignements suivants qui, toutefois, ne feront pas partie du message ci-dessus.

Message Prepared by Rédigé par	Telephone No.: Numéro de téléphone:	Date	Signature of Person Authorizing Message: Signature de la personne autorisant l'envoi du message:
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Department of  
Indian Affairs and  
Northern Development

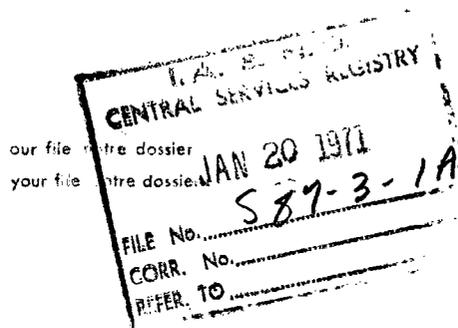


Ministère des  
Affaires indiennes et  
du Nord canadien

C O N F I D E N T I A L

Deputy Minister

Ottawa 4, October 16, 1970.



A.C.N.D. Meeting on October 21, 1970  
and Proposed Arctic Conference Draft  
Treaty

- Attached for your information are copies of the September 29 version of the American draft Arctic Treaty and Mr. Beesley's memorandum of September 30 to the Under Secretary of State for
- External Affairs commenting on it. Also attached is a copy of our memorandum of today's date to Mr. Legault, External Affairs giving comments on the American draft from our standpoint, and
- a copy of the Canadian draft treaty working paper referred to in these comments.

I understand that at the ACND meeting next Wednesday, an External Affairs spokesman will give an account of recent negotiations with U.S. officials on the Arctic Treaty. He will also discuss various changes which have been suggested by other Canadian government departments. In this regard, I would refer you to our comments to Mr. Legault concerning the preamble, and certain parts of Articles I, II and IX.

If Canada is going to accede to the use of an amended version of the American draft for the Arctic Conference instead of using a Canadian draft then I feel that we must make quite clear to External Affairs and other interested departments our concern that Zonal Authorities must have the powers which form the backbone and teeth of the Arctic Waters Pollution Prevention Act. And it should also be crystal clear in the Treaty that it is concerned with navigational safety and pollution prevention in Arctic waters. In other words, it should clearly reflect considerable Canadian content and we should not let the Americans erode our position as they are evidently intent on doing.

I would welcome the opportunity to discuss this more fully with you before the ACND meeting.

A.D. Hunt,  
A/Assistant Deputy Minister,  
(Northern Development).

Attachs.

N

Science Conference Matters for Discussion  
and Decision by the A.C.N.D. Sub-Committee  
on Science and Technology in the Arctic.

1. Conference Title

Decision should be made now as to the official title of the conference.

- a. Intergovernmental Conference on Arctic Scientific Problems.
- b. Intergovernmental Scientific Conference on Arctic Problems.

2. Objectives of Conference

See draft attached (Appendix A).

3. Dates

At the Sub-Committee meeting on September 28, 1970, it was suggested that the conference be of 4 days duration starting Monday, April 19, 1971 and concluding Thursday, April 22, 1971.

4. Site

Item 17(b) Cabinet Document 1151/70 suggested the location as Northern or Western Canada. Because of organizational and logistical considerations the Department of Indian Affairs and Northern Development would prefer Calgary as the site.

5. Invitations

See draft telegram attached (Appendix B).

6. Number of Official Delegates

Item 17(d) states that "no more than 15 or 20 would be expected from any one nation."

The guess estimate below indicated 110 delegates.

Canada	20	Norway	3
Denmark	5	Poland	5
Finland	2	Sweden	3
France	10	U.K.	15
Iceland	2	U.S.A.	20
Japan	<u>10</u>	U.S.S.R.	<u>15</u>
	49		61

It is recommended that delegations be limited to 20 persons per country.

7. Attendance Total

Item 17(d) suggested that approximately 100 scientists and officials would attend. In addition to the delegates consideration must be given to a number of others who would attend the plenary sessions and other official functions such as the reception and banquet. Space and cost are important considerations here. Newsmen, interpreters, Canadian and other observers if any, other Canadian officials and guests, must be considered when deciding total attendance at these functions. Decision must also be made as to whether the plenary sessions are to be open or closed.

8. Official Languages

Although Cabinet Document 1151/70 is silent on this matter it was suggested in the Sub-Committee meeting that English, French and Russian should be the official languages.

DIAND will make every endeavour to provide facilities for these three languages. However it may be necessary to use only English and French. Decision should be made as to the languages which all official pre-conference papers should be written in, and if translation is required by whom this should be done.

9. Conference Organization

- a. Proposed Canadian Planning Committee Organization - (organization chart #1)
- b. Proposed Conference Secretary General Organization - (organization chart #1A)
- c. Proposed Ad Hoc Organization to Prepare Canadian Position Papers. - (organization chart #2 and attachment 2A)
- d. Canadian Proposal for an Organization to Conduct the Intergovernmental Conference. April 19-22 - (organization chart #3)

10. Field Trip

Item 17(c) of Cabinet Document 1151/70 states "It is hoped that arrangements could be made for visits for at least some delegates to Arctic Canada."  
DIAND suggests that consideration might be given to a 3 or 4 day post-conference trip for not more than 60 delegates based on 5 per country. Subject to U.S.

concurrence regarding a visit to Alaska the itinerary might be - Calgary to Whitehorse, Prudhoe Bay, Inuvik, Yellowknife and return to Calgary. Although, the aircraft cost would be borne by DIAND, it is expected that there would be a flat rate for accomodation, meals etc. which would be subsidized by DIAND.

11. Canadian Delegation

Consideration should be given to the composition, selection and naming of the Canadian delegation. (See item 19 Cabinet Document 1151/70 re Federal-Provincial Relations considerations).

12. Conference Chairman

Consideration should be given to recommending names of potential nominees for chairmanship of the conference.

Copy for Mr. Hyslop

In the absence of Dr. Roots, chairman of the Sub-Committee on Science and Technology in the Arctic I have to report that:

- (1) The memorandum to Cabinet recommending the Inter-governmental Scientific Conference on Arctic Problems was considered and approved by the Cabinet Committee on External Policy and Defence on October 13.
- (2) It was sent on to Cabinet for consideration, but as yet we have not received word of its approval.
- (3) In the meantime certain preliminary plans for the organization of the conference have been drawn up and it is expected that the Sub-Committee will meet in the next few days to consider these plans.

I.A. & N.D.  
CENTRAL SERVICES REGISTRY

JAN 22 1971

S27-3-1A

ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT

There will be a meeting of the main committee of the Advisory Committee on Northern Development on Wednesday, 21st October at 2:30 p.m. in the 14th floor Conference Room of the Department of Indian Affairs and Northern Development, Centennial Tower, 400 Laurier Ave. West, Ottawa

AGENDA

1. Arctic Treaty Conference
2. Arctic Science Conference  
(progress report)
3. Other Business.

L.A.C.O. Hunt,  
Secretary,  
Advisory Committee on  
Northern Development.

October 15, 1970

September 29, 1970

THE ARCTIC TREATY

(This paper is an uncleared draft for discussion purposes only. It has no official status within the United States Government.)

PREAMBLE

The States Parties to the Present Treaty,

Resolved to protect the Arctic from pollution damage,

Recognizing that preservation of the unique ecology and other characteristics of the Arctic requires the establishment of special measures of environmental protection,

Recognizing further that the Arctic is of potentially great significance to international trade and commerce,

Acknowledging the responsibility of the Arctic States for the safety and welfare of the aboriginal and other inhabitants of the Arctic region,

Convinced that international cooperation is required to preserve the Arctic environment for the benefit of all mankind,

HAVE AGREED as follows:

Article I - Area of Application and Definitions

1. The provisions of the present Treaty shall apply to [the high seas] all waters, whether or not frozen, [and whether high seas or subject to any national jurisdiction], north of 60° North Latitude, except as may be agreed among the Parties, hereinafter referred to as the "Arctic."

2.

2. For the purposes of the present Treaty:

(a) "Vessel" means every description of watercraft, or other artificial contrivance used, or capable of being used, as a means of transportation on or in water, other than a public vessel, or a vessel of less than one hundred registered tons.

(b) "Public vessel" means a vessel owned or bare-boat chartered or operated by a State except when such vessel is engaged in commerce.

(c) "Pilot" means a person licensed to serve as a pilot pursuant to the applicable maritime laws and regulations of any State Party to the present Treaty.

(d) "Navigational aid" means any device on board or external to a vessel, or fixed to a facility, or otherwise present in the Arctic intended for use in navigation, such as electronic and audio visual aids, radar, sonar, fathometers, maps, charts, and tables to utilize effectively navigational information.

(e) "Person" means any individual, firm or partnership, or any public or private body, whether corporate or not, including a State or any of its constituent subdivisions.

(f) "Polluting agent" means

(i) any substance that, if added to any waters,

3.

would degrade or alter or form part of a process of degradation or alteration of the quality of those waters to an extent that is detrimental to their use by man or by any animal, fish or plant that is useful to man, and

(ii) any water that contains a substance in such a quantity or concentration, or that has been so treated, processed or changed, by heat or other means, from a natural state that it would, if added to any waters, degrade or alter or form part of a process of degradation or alteration of the quality of those waters to an extent that is detrimental to their use by man or by any animal, fish or plant that is useful to man.

(g) "Pollution damage" means any contamination in the Arctic resulting from the discharge or deposit of any polluting agent by any person or vessel. (Note: The Arctic Commission could be authorized to determine what constitutes acceptable and unacceptable levels of pollution.)

(h) "Discharge" means, but is not limited to, any spilling, leaking, pumping, emitting, emptying, or dumping in the Arctic.

4.

(i) "Deposit" means, but is not limited to, any placing, affixing, dropping, burying, or drilling in the Arctic.

Article II - Scope of Regime and Restrictions

Nothing contained in the present Treaty shall prejudice:

(a) any rights or claims to sovereignty or jurisdiction in the Arctic [asserted prior to the entry into force of this Treaty];

(b) the position of any Contracting Party with respect to its recognition or non-recognition of any State's right or claim or basis of claim to sovereignty or jurisdiction in the Arctic.

Article III - Regulations

The regulations contained in Annex \_\_\_\_\_ to the present Treaty shall be considered an integral part of this Treaty and shall be binding upon the Contracting Parties. Such regulations shall provide for the exercise of functions pursuant to this Treaty by the Arctic Commission or by its constituent members. The regulations shall, inter alia, specify construction and equipment standards for vessels navigating in the Arctic, provide standards and machinery for the ~~imposition~~ and recovery of financial compensation with regard to persons or vessels responsible for pollution damage, establish penalties for violations of this

5.

Treaty or of the said regulations, and provide the necessary procedures and <sup>standards</sup> / for the orderly and effective accomplishment of the purposes recited in the Preamble to this Treaty.

Article IV - Control of Marine Pollution

1. No person shall cause or permit a discharge or deposit resulting in pollution damage. Exceptions to the general prohibition stated in this section may be authorized only by the agreed regulations contained in Annex \_\_\_\_\_ to the present Treaty. Any person responsible for causing pollution damage in the Arctic shall be subject to the financial responsibility provisions and penalties provided in the said agreed regulations. The agreed regulations may be revised, amended, or replaced by other regulations in accordance with the procedures described in Section 2 of Article VII and Section 2 of Article IX.

2. Any person who causes or permits the discharge or deposit of any substance classified as a polluting agent in the regulations referred to in Section 1 of this Article shall report such discharge or deposit to the Arctic Commission or to the directly affected Zonal Authority or Authorities by the most rapid means possible.

Article V - Construction and Equipment Standards for Vessels

1. No vessel shall navigate in the Arctic unless it complies with the agreed regulations contained in Annex \_\_\_\_\_ to the present Treaty prescribing standards for construction, rebuilding, or refitting of vessels, and for required equipment carried on board such vessels. Such standards shall be directed at preventing or minimizing pollution damage. Exceptions to this paragraph shall be only those which may be specified in the agreed regulations contained in Annex \_\_\_\_\_.

2. Any vessel which does not comply with the regulations referred to in this Article shall be subject to the penalties set out in Annex \_\_\_\_\_ to the present Treaty.

Article VI - Arctic Reserves

The Arctic Commission may, with the consent of the directly affected Contracting Party, designate certain areas in the Arctic as international reserves for the purpose of preserving and conserving the unique ecology and other natural characteristics of the Arctic.

Article VII - Establishment of an Arctic Commission

1. An Arctic Commission is hereby established.

Its members shall comprise:

- (a) Each Zonal Authority as defined in Article IX of the present Treaty, and
- (b) Three non-permanent members elected for a term of \_\_\_\_\_ years by a majority vote of the Zonal

7.

Authorities from among other Contracting Parties whose nationals navigate, fish, or conduct other substantial commercial activities in the Arctic. A retiring member may be eligible for immediate re-election.

Each member shall appoint a Commissioner to represent it on the Commission. The Commissioner should be expert in matters concerning the Arctic and in matters affected by the present Treaty.

2. The Arctic Commission shall have authority to propose and adopt amendments to the regulations contained in Annex \_\_\_\_\_ to the present Treaty. The Commission shall also have authority to approve any revision or amendment to the regulations proposed by a Zonal Authority pursuant to Section 2 of Article IX.

3. A majority of the members shall constitute a quorum for all decisions of the Arctic Commission for which a vote is required. Each member of the Commission shall have one vote which may be cast by the Commissioner representing that member. All decisions of the Commission shall require an affirmative vote of a simple majority of the members of the Commission who are present and vote. Members which abstain from voting shall be considered as not voting.

4. The Commission may, as appropriate, consult with experts from the Contracting Parties and specialized agencies of the United Nations and their subsidiary organs, and other specialized international bodies with respect to pollution prevention, conservation measures, construction

8.

standards, safety of navigation, or other subjects as may arise within the scope of the present Treaty.

A Contracting Party may further appoint one or more experts or advisers to assist its Commissioner.

5. The Contracting Parties agree to be bound by all amendments to regulations adopted or approved by the Arctic Commission pursuant to Section 2 of this Article.

6. Except for the Arctic Commission's authority described in Section 2 of this Article, the Commission may, with the approval of the Zonal Authority or Zonal Authorities in question, authorize a Zonal Authority, other Contracting Party, international organization or other person to perform its functions in one or more Zones. Such authorization shall be expressed in an agreement between the Arctic Commission and the authorized party. Such an agreement shall contain guidelines established by the Arctic Commission under which the authorized functions shall be performed. Each such agreement shall be consistent with the provisions of this Treaty, and only those functions which are expressly authorized by the agreement may be performed by the authorized party. The agreement shall also provide that, if the authorized party exceeds its authority under the agreement or violates its terms, the authorization shall be subject to review, amendment, or revocation by the Arctic Commission.

7. The Commission shall elect from its members a Chairman and a Vice Chairman, each of whom shall serve for a term of three years provided such terms shall not

9.

be concurrent. The Chairman and Vice Chairman must be Commissioners from different Contracting Parties.

8. The seat of the Commission shall be in \_\_\_\_\_.

9. The Arctic Commission shall meet at least once each year at its seat or at such place as may be agreed upon by the Commission for the purpose of reviewing its functions and any other activities under this Treaty. As a result of that review, the Commission may propose amendments to the present Treaty or any regulations promulgated thereunder which, in its judgment, are necessary to continue to fulfill the objectives of the Treaty.

10. The Chairman shall call a special meeting of the Commission at a place of his determination and within a reasonable time after such a meeting is requested by a member of the Commission. Other special meetings of the Commission may be called by the Chairman either in his own discretion or upon the request of a Contracting Party not a member of the Commission.

11. The Commission shall adopt, and amend as occasion may require, financial regulations and rules and by-laws for the conduct of its meetings and for the exercise of its functions and duties.

12. The operating expenses and any extraordinary expenses which the Commission may incur in carrying out the provisions of this Treaty shall be shared to the extent they are not covered by the civil penalties collected pursuant to the agreed regulations set forth in Annex \_\_\_\_\_ of this Treaty.

13. The Commission, including its Secretariat, shall enjoy in the territory of each of the Contracting Parties such legal capacity as is necessary for the fulfillment of its purposes and the exercise of its functions. Likewise, the Commission including its Secretariat shall enjoy in the territory of each of the Contracting Parties such privileges and immunities as are necessary for the fulfillment of its purposes and the exercise of its functions; and Commissioners or other representatives of Contracting Parties including alternates and advisers, and officials and employees of the Commission or its Secretariat, shall similarly enjoy such privileges and immunities as are necessary for the independent exercise of their functions in connection with the functions of the Commission described in this Article

Article VIII - Arctic Commission Secretariat

1. The Arctic Commission shall appoint an Executive Secretary according to such procedure and on such terms as it may determine.

2. The staff of the Commission shall be appointed by the Executive Secretary in accordance with such rules and procedures as may be determined and authorized by the Commission.

3. The Executive Secretary shall, subject to the general supervision of the Commission, have full power and authority over the staff and shall perform such other duties as the Commission shall prescribe.

Article IX - Designation of Arctic Zones and Establishment  
of Zonal Authorities

1. For the purposes of the present Treaty, each Contracting Party which has territory bordering on the Arctic, that is, Canada, Denmark, Finland, Iceland, Norway, Sweden, the U.S.S.R., and the U.S., is designated a Zonal Authority for a specified zone of the Arctic. The geographic coordinates of such zones are described in Annex \_\_\_\_\_ to the present Treaty.

2. Each Zonal Authority shall have authority to propose and, subject to the approval of the Arctic Commission pursuant to Section 2 of Article VII, adopt for its designated Zone revisions or amendments to the regulations contained in Annex \_\_\_\_\_. These revisions or amendments may include but shall not be limited to:

- (a) methods of surveillance for an notification to the Arctic Commission of pollution damage;
- (b) the establishment of procedures for removing or minimizing the harmful effect of any substance which is likely to cause pollution damage;
- (c) provisions for restoring any area where pollution damage has occurred and for taking any necessary and possible steps to protect and preserve and fish and wildlife exposed to danger;
- (d) measures for the safe disposal of any substance which has caused pollution damage and which has been recovered;
- (e) the establishment of criteria for developing and implementing contingency plans for the

control of substances which have been discharged or deposited in the Arctic and which are likely to cause pollution damage.

Procedures for carrying out the functions and activities described in this section shall be established according to the provisions of Article III of this Treaty.

3. Where a proposal for revision or amendment made by a Zonal Authority under this Article in respect of its own Zone is not approved by the Commission, that Zonal Authority may nevertheless give effect to its proposal within its Zone upon giving sixty days prior notice to the Commission of its intention to do so. Such revision or amendment shall have the same force and effect as a revision or amendment approved under Section 2 of Article VII of this Treaty in relation to all Contracting Parties who do not object to it within a period of sixty days of the notice of intention by the Zonal Authority concerned.

An objection by a Contracting Party under this Section shall be effective only in relation to the revision or amendment to which the objection has been made, and the respective rights of that Contracting Party and the Zonal Authority concerned with regard to such revision or amendment shall be limited to such rights as exist independently of the present Treaty.

4. Each Zonal Authority shall have authority to enforce within its Zone the agreed regulations set out in Annex \_\_\_\_ to the present Treaty against any vessel registered under the laws or flying the flag of a Contracting

Party. In this respect, each Zonal Authority shall have the authority to patrol the Arctic within its Zone. It shall also have the authority as described in the regulations set out in Annex \_\_\_\_ to the present Treaty to arrest any national of a Contracting Party or a vessel the Zonal Authority finds such national or vessel of a Contracting Party to be in violation of the provisions of the present Treaty or of any regulation issued thereunder.

5. In the case of a Contracting Party, after making an arrest in accordance with Section 4 of this Article, the Zonal Authority shall:

(a) with respect to an individual, deliver him to the competent authorities of the Contracting Party of which he is a national, or

(b) with respect to a vessel, deliver it to the competent authorities of the Contracting Party in which the vessel is registered.

6. In the case of a vessel of a Non-Contracting Party the Zonal Authority shall proceed in accordance with the provisions of the agreed regulations set out in Annex \_\_\_\_ to the present Treaty.

7. A Contracting Party which considers that any action by a Zonal Authority pursuant to the authority or responsibilities of a Zonal Authority prescribed in this Article is not justified under the present Treaty or the Annexes thereto may request the Arctic Commission to investigate the action in question and to prepare a full report, and the Commission shall prepare such a report within

14.

a reasonable time after receiving the request. That report shall/may be a part of any dispute settlement proceedings initiated by a Contracting Party pursuant to Article XI.

8. Section 4 of this Article shall not apply to any public vessel of a Contracting Party or any other ship owned or operated by a Contracting Party and used, for the time being, only on government non-commercial service. The respective rights of the Contracting Parties with regard to the vessels referred to in this section shall be limited to such rights as exist independently of the present Treaty. All Contracting Parties shall, however, take the necessary measures to ensure that their public vessels navigating in the Arctic are in substantial compliance with the agreed regulations set out in Annex \_\_\_\_\_ to the present Treaty, so as to achieve the purposes declared in the Preamble to the present Treaty.

Article X - Contracting Parties' Right to Enact Pollution Prevention Legislation

Nothing in this Treaty shall be construed so as to prevent a Contracting Party from taking measures relating to prevention of pollution damage provided such legislation is not inconsistent with the provisions of this Treaty or its annexes.

Article XI - Settlement of Disputes

Any dispute between the Contracting Parties which arises under the provisions of the present Treaty shall be resolved by negotiation between or among them. If such negotiation fails to produce agreement, then the Parties

shall submit their dispute to conciliation. If conciliation fails to produce agreement, then the Parties shall submit the dispute to binding arbitration. In the case of any dispute involving a question of law, the Parties may, in lieu of binding arbitration, submit the dispute to the International Court of Justice for its decision.

#### Article XII Signature

The present Treaty shall be open for signature by all States Members of the United Nations or of any of the specialized agencies or of the International Atomic Energy Agency or parties to the Statute of the International Court of Justice, and by any other State invited by two-thirds of the Contracting Parties to become a party to the present Treaty, until March 31, 1971, at the Ministry of External Affairs of the Dominion of Canada. Thereafter, this Treaty shall be open for accession in accordance with Article XIV.

#### Article XIII Ratification

This Treaty shall be subject to ratification by signatory States. Instruments of ratification shall be deposited with the Government of Canada.

#### Article XIV - Accession

The present Treaty shall remain open for accession by any State belonging to any of the categories mentioned

in Article XII. Instruments of accession shall be deposited with the Government of Canada.

Article XV - Entry into Force

1. The present Treaty shall enter into force on the thirtieth day following the date on which (number) States having territory bordering on the Arctic and (number) other States have deposited their instruments of ratification.

2. For each State ratifying or acceding to the present Treaty subsequent to the entry into force of this Treaty, it shall enter into force on the thirtieth day after deposit by such State of its instrument of ratification or accession.

Article XVI - Registry by the Secretary-General of the United Nations

This Treaty shall be registered by the Secretary-General of the United Nations pursuant to Article 102 of the Charter of the United Nations.

Article VII - Amendment

Any Contracting Party or the Arctic Commission may propose amendments to the present Treaty. Amendments shall enter into force for each Contracting Party accepting the amendments upon their acceptance by two-thirds

of the Contracting Parties and thereafter for each remaining Contracting Party on the date of acceptance by it.

Article XVIII - Denunciation

Any Contracting Party may denounce this Treaty by notification in writing addressed to the Government of Canada and the Chairman of the Arctic Commission. The Chairman of the Commission shall advise other Contracting Parties of any such denunciation. Such denunciation shall become effective one year from the date of receipt by the Chairman of the denunciation. No such denunciation shall affect liabilities incurred by such Contracting Party prior to the effective date of the denunciation.

Article XIX - Withdrawal

Any Contracting Party may withdraw from participation in the Arctic Commission or resign as a Zonal Authority by notification in writing addressed to the Government of Canada and the Chairman of the Arctic Commission. The Chairman of the Commission shall advise other Contracting Parties of any such withdrawal. No such withdrawal of resignation shall affect liabilities incurred by such a Contracting Party prior to the effective date of the withdrawal.

Article XX - Notification

The Chairman of the Arctic Commission shall:

(1) inform all States which have signed, ratified, or acceded to this Treaty of

(a) each new signature or deposit of instrument of ratification or accession together with the date thereof;

(b) the deposit of any instrument of denunciation of this Treaty or any instrument of withdrawal from the Arctic Commission or a Zonal Authority together with the date of such deposits; and

(c) the amendment of this Treaty as provided in Article XVII;

(2) transmit certified true copies of this Treaty and any amendments thereto to all States which have signed, ratified, or acceded to this Treaty.

The Government of Canada, as depositary Government, shall inform the Arctic Commission of all of the acts referred to in this Article.

Article XXI - Authentic Texts

This Treaty is established in a single copy in the

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English, French, and Russian languages, all three texts  
being equally authentic.

IN WITNESS WHEREOF the undersigned being duly  
authorized by their respective Governments for that  
purpose have signed this Treaty.

DONE at \_\_\_\_\_ this \_\_\_\_\_ day  
of \_\_\_\_\_ 1970.

CONFIDENTIAL

DOCUMENT ND-491

MEMORANDUM TO THE ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT

Attached is a confidential document to the Cabinet forwarded by the Ministers of External Affairs and Indian Affairs and Northern Development recommending the convening of an Intergovernmental Scientific Conference on Arctic Problems.

L.A.C.O. Hunt,  
Secretary.

Department of Indian Affairs  
and Northern Development

October 19, 1970.

Cab. Doc.  
1151/70

THIS DOCUMENT IS THE PROPERTY OF THE GOVERNMENT OF CANADA

CONFIDENTIAL

September 29, 1970

MEMORANDUM TO THE CABINET

Proposal for an Intergovernmental Scientific Conference  
on Arctic Problems

Object

1. In accordance with a recommendation of the Cabinet Committee on Science Policy and Technology, confirmed by Cabinet on June 11th, 1970, the objective of this document is to present an agenda for a multi-national intergovernmental scientific conference on problems of the Arctic which will have particular emphasis on intergovernmental means of identification of problem areas and of seeking methods of solution.

Background

2. A Joint Seminar on Arctic Research Needs was held at Montebello, Quebec, in April, 1970, attended by Canadian and American government scientists. Several areas for potential cooperative effort were defined and subsequent follow-up actions taken. As one example, a Canadian government scientist participated as an observer during a test spill of oil in the Beaufort Sea.
3. At the Montebello meeting, suggestions were made concerning a similar multi-national conference. It has been determined, during a recent meeting between the Chief Scientific Advisor to the Cabinet and the Scientific Advisor to the President of the United States, that the United States would be pleased to see such a conference and, in welcoming Canadian initiative in this matter, has offered assistance.

Factors

4. The improvement of human living conditions, the protection of the Arctic environment and the development of Arctic resources can all be seen as expressions of the pursuit of national goals within the boundaries of the Canadian Arctic region. A Canadian initiative in regard to the scientific knowledge basic to these goals should thus be expected to receive a strong positive public response.
5. The recent passing of the Arctic Waters Pollution Prevention Act has focused international attention on the Canadian role in the Arctic. It would be entirely consistent with the stand we have taken in this regard, and would serve generally to reinforce that stand, if we should seek to cooperate in scientific matters with others concerned in the rational development and protection of the Arctic region.

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A fuller discussion of the material in paragraphs 5, 6 and 7 is contained in Cabinet Document No. 1130/70 dated September 25, 1970.

6. The situation remains unclear about the proposal for a technical cum legal conference on Arctic pollution and navigation questions which arose out of the United States call for an Arctic conference to be held last June. Conceivably, the pursuit of a "technical" conference, still sought by the United States, might recede in the face of a good international response to a "scientific" conference looking to cooperative arrangements. The climate might thus improve for constructive consideration of the juridical questions, perhaps in the summer or autumn of 1971.
7. It is considered that Canada should take initiatives in order to ease some of the pressures which could develop if we were to confine cooperative Arctic research efforts to bilateral arrangements with the United States. In this regard, the multilateral approach would be a positive reflection of Government policy, as set forth in "Foreign Policy for Canadians".
8. There are indications that the USSR might welcome an opportunity to participate, particularly if the conference was clearly based on Canadian initiative. This possibility would be strengthened by the completion of a bilateral exchange agreement currently under negotiation and this conference could be a substantive topic for discussion during the forthcoming visit of the Prime Minister to the Soviet Union.
9. In addition to promoting East-West cooperation, the conference would provide an opportunity to develop further our existing good relations with the Nordic countries.
10. There are so many specialist scientific conferences impinging on Arctic Research in 1971 that this conference must concentrate on intergovernmental means of identifying problem areas and of seeking methods of solution.
11. There are initiatives towards the formation of international scientific organizations for dealing with Arctic Research. One such is a proposal placed before the (non-governmental) International Council of Scientific Unions (ICSU) in September, 1970, for a Northern analogue of the Scientific Committee on Antarctic Research (SCAR) formed in 1958. As result of actions by the Canadian representative, in consultation with colleagues from the USSR and the USA, ICSU merely approved the proposal in principle and agreed to leave the matter for such actions as might be desired by the Academies of the nations concerned. It might be wise for Canada to take its own initiatives in this matter, and time for deeper consideration could be gained by the calling of the conference proposed in this document.

### Conclusion

12. The hosting of a multi-national intergovernmental scientific conference by Canada in the spring of 1971 will receive a favourable response domestically and internationally; will help in international negotiations concerning Canada's Arctic Waters Pollution Prevention

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Act; will demonstrate Canada's determination to collaborate in scientific studies of Arctic problems with all nations who can contribute to solutions; and should further open channels to enable Canada to benefit from the collective expertise and efforts of many nations.

### Agenda and Organization of the Conference

13. The conference would discuss:-
- a) the present state of scientific knowledge of the Arctic, noting particularly gaps in knowledge;
  - b) the relative priorities of various problems from a scientific point of view;
  - c) possible methods of increasing international cooperation in studies of such problems and in developing solutions;
  - d) possible mechanisms for achieving continuing scientific cooperation among Arctic states such as: future similar conferences; support of a permanent organization under (non-governmental) International Council of Scientific Unions; a small permanent regional intergovernmental organization of Arctic states analogous in structure to the OECD.
14. The first three items of this agenda will be expanded into a more detailed program covering both the natural and the social sciences. This process would be primarily based on the results of the Montebello Joint Seminar on Arctic Research Needs. This material was presented as Cabinet Document No. 620/70 dated May 15 and, along with Cabinet Document No. 652/70 dated May 25, led to the Cabinet Decision of June 11, 1970. Also available will be preparatory documents for the seminar, a forthcoming statement of national Canadian objectives for the North (currently in tentative form), and a statement regarding scientific and technical programs to be based on these objectives. The preparation of this detailed conference program will also be influenced by any suggestions arising from foreign invitees.
15. Concrete examples of items which would form parts (a), (b) and (c) are given in Appendix (A). These grew out of the Montebello Seminar (and prior less formal consultations) and illustrate some of the areas of scientific knowledge requiring study, are of varying priority scientifically, and require different levels of international cooperation.
16. The fourth item (d) will allow delegates to consider possible future organizational arrangements from a primarily scientific point of view. Possibilities which might be explored include ad hoc repetitions of this conference in Canada or elsewhere as well as more formal arrangements, both non-governmental through National Academies of Science (in Canada, the National Research Council) and the International Council of Scientific Unions, and governmental in some form of a regional scientifically oriented association. These

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more formal arrangements suggest the existence of a permanent secretariat to facilitate the interchange of information and ideas and the planning of cooperative programs. A non-governmental suggestion is mentioned in paragraph 11 above while the regional (circum-Arctic) intergovernmental arrangement is described in a tentative fashion in Appendix B to this document. If the initial response to the Canadian invitation and outline agenda should be generally favourable, it would be logical to follow it up with an elaboration of Canadian thinking regarding the establishment of some modest mechanism for continuing cooperation. Before developing such ideas, proposals would, of course, be submitted to Cabinet so that the implications of various alternatives could be taken into account.

17. Proposed conference organization: -
- a) Time and Duration - Four or five days between mid-March and mid-April, 1971, this being a suitable period for availability of scientists and travel in the North.
  - b) Location - In Northern or Western Canada, depending on availability of facilities at the chosen time.
  - c) Field Trips - It is hoped that arrangements can be made for visits for at least some delegates to Arctic Canada.
  - d) Attendance - Approximately 100 scientists and officials sent by governments of Arctic states and from other nations with special expertise in Arctic research. No more than 15 or 20 would be expected from any one nation.
  - e) Nations concerned - Invitations would be sent by Canada to Denmark, Finland, Iceland, Norway, Sweden, the USA and the USSR, as Arctic states, and to France, Japan, Poland and the UK.

#### Financial Considerations

18. Anticipated costs, other than for normal salaries and expenses of Canadian officials, may run as high as \$50,000, depending on the costs of field trips and the possible provision of aircraft from other government departments. The costs would be chargeable to the Department of Indian Affairs and Northern Development.

#### Federal-Provincial Relations Considerations

19. Experts from provincial agencies and universities, as well as from private industry, could be invited to be members of the Canadian delegation at the discretion of the Federal government.

#### Interdepartmental Consultations

20. The preparation of this document was carried out and approved by the Scientific and Technical Sub-Committee of the Advisory Committee on Northern Development which includes representatives of

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major operating departments concerned and the Department of External Affairs and the Treasury Board. Through this sub-committee, experts are available to carry through detailed planning of the conference and preparation of Canadian positions, as need be.

Time has not been available for consideration of the document by the A.C.N.D. but members of the A.C.N.D. are aware of this proposal.

### Recommendations

- 22.
- a) That the Cabinet approve the agenda for the Intergovernmental Scientific Conference on Arctic Problems, as set out in paragraph 13 of this document.
  - b) That invitations, on behalf of Canada as sole sponsor and host, be sent to the nations named in paragraph 17 through diplomatic channels.
  - c) That the Scientific and Technical Sub-Committee of the Advisory Committee on Northern Development be assigned the responsibility for detailed preparation of the conference, under the direction of the Minister of Indian Affairs and Northern Development.
  - d) That the costs of the conference be chargeable to the Department of Indian Affairs and Northern Development.
  - e) That suggestions concerning intergovernmental organizations and non-governmental international scientific organizations for cooperative Arctic research be developed and presented for Cabinet consideration well in advance of the conference.

Secretary of State for  
External Affairs

Minister of Indian Affairs and  
Northern Development

APPENDIX A

ILLUSTRATIVE EXAMPLES OF COOPERATIVE ARCTIC SCIENTIFIC STUDIES

In order to present a short list of cooperative scientific studies, in a highly practical and relevant fashion, this appendix consists of letters exchanged between the Chief Science Advisor to the Cabinet (after consultation with the USSEA) and the Science Advisor to the President of the United States, dated 25 June 1970 and 8 September 1970. These letters discuss eight scientific projects (and two administrative matters) covering a wide range of scientific disciplines, variations in priority and timing and several degrees of international cooperation required. Many other projects such as permafrost and river erosion studies are also of mutual Can./U.S. interest (as well as to other nations), are under cooperative investigation in the sense of consultation and information exchange.

APPENDIX B

NATURE OF THE PROPOSED CIRCUM-ARCTIC ASSOCIATION

It would seem that the proposed circum-Arctic association should comprise or accommodate the following elements:

a) It would be a limited regional intergovernmental organization, (Canada, Denmark, Finland, Iceland, Norway, Sweden, U.S.A. and U.S.S.R.) with perhaps non-voting associate status for countries not meeting an established geographic qualification.

b) Provision would be made for participation in activities by non-governmental institutions, such as the International Council of Scientific Unions, the Arctic Institute of North America or the Scott Polar Institute.

c) The nature and structure of the Association as a limited membership organization might be patterned on that of the O.E.C.D. Whereas the latter is devoted to the economic growth of its members and their contribution to the expansion of world trade, the circum-Arctic association would use similar techniques to support the orderly development and protection of the national Arctic regions for the benefit of members and indirectly in the interest of the international community as a whole.

d) There would be a council, committees with responsibilities in particular areas of activity which could include provision for participation by non-governmental experts, a secretary-general and a small secretariat. The council could meet either at the ministerial or official level.

e) The headquarters would be in Canada. There might be some attraction in siting the headquarters at a city in the northwest such as Edmonton. However, since the smaller countries would probably designate their ambassadors to be members of the council, Ottawa might be more convenient.

f) Apart from the continuing work of the technical committees the association might hold more broad-ranging Arctic conferences perhaps every two years - not necessarily in Canada. The association could also convene conferences on special subjects from time to time for such purposes as the drawing up of an Arctic treaty of the kind which has recently been under discussion with the United States.

g) The association could provide a clearing house for exchange of information on member government Arctic programmes. This function would supplement rather than duplicate the work of existing institutions.

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g) The association would be the means through which particular joint programmes or projects would be coordinated or organized. Members would be required to contribute financially only to those programmes in which they chose to participate.

i) The association would be financed by annual contributions. Assuming that Canada should undertake to provide the headquarters, the scale of contributions might be along the following lines:  
U.S.A. 30%, U.S.S.R. 30%, Canada 20%, Denmark, Finland and Norway 4% each, Sweden 7% and Iceland 1%.

→ P.A. R

I.A. & N.D.  
CENTRAL SERVICES REGISTRY  
RPT TO  
FILE NO. 587-3-1A  
No. 107

ADVISORY COMMITTEE ON NORTHERN DEVELOPMENT

There will be a meeting of the main committee of the Advisory Committee on Northern Development on Wednesday, 21st October at 2:30 p.m. in the 14th floor Conference Room of the Department of Indian Affairs and Northern Development, Centennial Tower, 400 Laurier Ave. West, Ottawa

AGENDA

1. Arctic Treaty Conference
2. Arctic Science Conference  
(progress report)
3. Other Business.

L.A.C.O. Hunt,  
Secretary,  
Advisory Committee on  
Northern Development.

October 15, 1970 X