

The Distant Early Warning (DEW) Line: A Bibliography and Documentary Resource List



Prepared for the Arctic Institute of North America

By:

P. Whitney Lackenbauer, Ph.D.

Matthew J. Farish, Ph.D.

Jennifer Arthur-Lackenbauer, M.Sc.

October 2005

TABLE OF CONTENTS

<u>1.0 PREFACE</u>	2
<u>2.0 BACKGROUND DOCUMENTS</u>	3
2.1 Exchange of Notes (May 5, 1955) Between Canada and the United States Of America Governing the Establishment of a Distant Early Warning System in Canadian Territory.....	3
2.2 The DEW Line Story in Brief (Western Electric Corporation, c.1960)	9
2.3 List of DEW Line Sites	16
<u>3.0 ARCHIVAL COLLECTIONS</u>	23
3.1 Rt. Hon. John George Diefenbaker Centre	23
3.2 Library and Archives Canada	26
3.3 Department of National Defence, Directorate of History and Heritage	46
3.4 NWT Archives Council, Prince of Wales Northern Heritage Centre	63
3.5 Yukon Territorial Archives, Whitehorse, YT	79
3.6 Hudson Bay Company Archives	88
3.7 Archives in the United States	89
<u>4.0 PUBLISHED SOURCES</u>	90
4.1 <i>The Globe and Mail</i>	90
4.2 <i>The Financial Post</i>	99
4.3 Other Print Media	99
4.4 Contemporary Journal Articles	100
4.5 Government Publications	101
4.6 Corporate Histories	103
4.7 Professional Journal Articles	104
4.8 Books	106
4.9 Scholarly and Popular Articles	113
4.10 Environmental Issues and Cleanup: Technical Reports and Articles	117
<u>5.0 OTHER SOURCES</u>	120
5.1 Theses and Dissertations	120
5.2 Research Projects (ASTIS Listings to Aug. 2005)	120
5.3 Websites	122

SECTION 1.0 - PREFACE

Of the numerous Cold War Arctic initiatives, none was more significant than the Distant Early Warning (DEW) Line. A triumph of scientific design and logistical planning completed in the late 1950s, the DEW Line was a string of continental defence radars, ultimately stretching from Alaska to Greenland. Alongside the secondary Mid-Canada Line and the tertiary Pinetree Line, the DEW Line marked the edge of an electronic grid controlled by the new SAGE (Semi-Automatic Ground Environment) computer system and was ultimately centred on the Colorado command hub of NORAD. The construction of the DEW Line was made possible by bilateral agreement between the Canadian and American governments (reproduced below), and an alliance between the U.S. Department of Defense and the Bell “system” of companies. The planning and implementation of the DEW Line attracted significant media attention in the fifties, but somehow has managed to evade systematic scholarly attention since that time. The need for an interdisciplinary survey of the Line, its long history, and wider Arctic contexts is long overdue.

This research compendium provides a list of relevant sources on the DEW Line and Cold War continental defence. It focuses on primary sources available in Canada, and a systematic survey of published sources from Canada and the United States. We hope that this compilation provides a sound basis for a major research initiative on this very important subject.

The basic contours of the DEW Line history are covered in the following text, taken from a Western Electric Corporation commemorative booklet issued in 1956. Like most contemporary documents, it sees the radar line as a great triumph of the Cold War era. Of course, the DEW line also generated less favourable legacies worthy of dedicated exploration and reflection. Profound socio-economic and cultural dislocations amongst Northern peoples and deleterious environmental impacts changed the human and physical geographies of the North. For northern aboriginal peoples and government officials, this Cold War project had sudden and far-reaching impacts. These remain to be studied in a comprehensive manner.

Thanks to Katharine McGowan, Andrew Kloiber, Nanci Henderson, and Jeremy Enns for valuable research assistance. Richard Goette, Jeff Noakes, Ryan Touhey, and Bob Williamson also generously shared resources that helped with the preparation of this compendium.

P. Whitney Lackenbauer, Ph.D.
Matthew J. Farish, Ph.D.
Jennifer Arthur-Lackenbauer, M.Sc.

October 2005

SECTION 2.0- BACKGROUND DOCUMENTS

2.1 EXCHANGE OF NOTES (May 5, 1955) BETWEEN CANADA AND THE UNITED STATES OF AMERICA GOVERNING THE ESTABLISHMENT OF A DISTANT EARLY WARNING SYSTEM IN CANADIAN TERRITORY.¹

I

The Canadian Ambassador to the United States of America to the Secretary of State of the United States of America.

CANADIAN EMBASSY

Washington, D.C.,
No. 306

May 5, 1955.

Sir,

I have the honour to refer to my Note No. 791 of November 16, 1954, regarding the joint establishment by Canada and the United States of America of a comprehensive warning and control system against air attack. My Note read in part as follows:

“The Canadian Government has now considered a proposal put forward through the Permanent Joint Board on Defence that the construction of the Distant Early Warning element of the over-all joint Canada-United States warning system should be the responsibility of the United States Government. The Canadian Government concurs in this proposal subject to the conclusion at an early date of an agreement as to the terms which shall govern the work. At the same time, however, the Canadian Government wishes to state its intention to participate in the project, the nature and extent of such participation to be determined in the near future.”

I am instructed by my Government to inform you that its participation during the construction phase of the project will consist of giving assistance to the United States authorities in organizing and using Canadian resources, and to helping by making available the facilities of the armed forces and other agencies of the Canadian Government when appropriate. I am also instructed to state that the Canadian Government intends to participate effectively in the operation and maintenance phase of the project, the character of such participation to be determined on the basis of studies to be carried out during the construction phase.

My Government now proposes that the annexed conditions should govern the establishment by the United States of a distant early warning system in Canadian territory. If these conditions are acceptable to your Government, I suggest that this Note and your reply should constitute an agreement effective from the date of your reply.

Accept, Sir, the renewed assurances of my highest consideration.

[FROM:] A. D. P. HEENEY,
Ambassador.

[TO:] The Honourable John Foster Dulles,
Secretary of State of the United States,
Washington, D.C.

¹ Canada, Treaty Series 1955, No. 8.

ANNEX

STATEMENT OF CONDITIONS TO GOVERN THE ESTABLISHMENT OF A DISTANT EARLY WARNING SYSTEM IN CANADIAN TERRITORY

(In this Statement of Conditions, unless the context otherwise requires, “Canada” means the Government of Canada; “United States” means the Government of the United States of America; “Distant Early Warning (DEW) System” means all the detection stations, communications installations (including relay stations), and ancillary facilities, making up that part of the System in Canada; “RCAF” means the Royal Canadian Air Force, and “USAF” means the United States Air Force.)

1. Sites

The location and size of all airstrips and the location of all sites, roads, wharves and jetties, required for the DEW System in Canada shall be a matter of mutual agreement by the appropriate agencies of the two Governments. Canada will acquire and retain title to all lands required for the system. Canada grants and assures the United States, without charge, such rights as access, use, and occupancy as may be required for the construction, equipment and operation of the system.

2. Liaison Arrangements

It is anticipated that the United States will carry out the construction of the DEW System through a management contractor appointed by the United States. It is understood that the United States and the management contractor will establish a DEW Project Office, and that the participation of interested Canadian Government agencies in the Project Office is desired to the extent necessary for consultation on matters covered in this statement of conditions. In addition, the Canadian Government may decide to appoint a Special Commissioner for the Project, and to assign liaison officers to the construction operations in Northern Canada.

3. Plans

Plans of the buildings, airstrips, roads (including access roads) and similar facilities, information concerning use of local materials, such as rock fill, sand and gravel, and information concerning other arrangements related to construction and major items of equipment, shall, if requested, be supplied to the appropriate Canadian authorities in sufficient detail to give an adequate idea of the scope of the proposed construction. Canadian officials shall have the right of inspection during construction. Proposals for subsequent construction, or major alterations, shall be discussed with the appropriate Canadian authorities.

4. Provision of Electronic Equipment

The Canadian Government reaffirms the principle that electronic equipment at installations on Canadian territory should, as far as practicable, be manufactured in Canada. The question of practicability must, in each case, be a matter for consultation between the appropriate Canadian and United States agencies to determine the application of the principle. The factors to be taken into account shall include availability at the time period required, cost and performance. For the purpose of applying these principles to the DEW line, the DEW Project Office shall be used as far as possible as the instrument for effective consultation between the Canadian and United States agencies concerned.

5. Construction and Procurement (other than Electronic Equipment)

- (a) Canadian contractors will be extended equal consideration with United States contractors in the awarding of construction contracts, and Canadian and United States contractors shall have equal consideration in the procurement of materials, equipment and supplies in either Canada or the United States;

- (b) Contractors awarded a contract for construction in Canada will be required to give preference to qualified Canadian labour for such construction. The rates of pay and working conditions for this labour will be set after consultation with the Canadian Department of Labour in accordance with the Canadian Fair Wages and Hours of Labour Act.

6. Canadian Law

Nothing in this Agreement shall derogate from the application of Canadian law in Canada, provided that, if in unusual circumstances its application may lead to unreasonable delay or difficulty in construction or operation, the United States authorities concerned may request the assistance of Canadian authorities in seeking appropriate alleviation. In order to facilitate the rapid and efficient construction of the DEW System, Canadian authorities will give sympathetic consideration to any such request submitted by United States Government authorities.

Particular attention is directed to the ordinances of the Northwest Territories and Yukon Territory, including those relating to the following:

- (a) No game or wildlife shall be taken or molested in the Northwest Territories. Licences to hunt in Yukon Territory may be purchased from representatives of the Yukon Territorial Government.
- (b) No objects of archaeological interest or historic significance in the Northwest Territories or Yukon Territory will be disturbed or removed therefrom without first obtaining the approval of the Canadian Department of Northern Affairs and National Resources.

7. Operation and Manning

- (a) The extent of Canadian participation in the initial operation and manning of the DEW System shall be a matter for later decision by Canada after full consultation with the United States. It is understood that, in any event, Canada reserves the right, on reasonable notice, to take over the operation and manning of any or all of the installations. Canada will ensure the effective operation, in association with the United States, of any installations it takes over.
- (b) Subject to the foregoing, the United States is authorized to station personnel at the sites, and to operate the DEW System, in accordance with the principles of command in effect from time to time between the military authorities of the two countries. The overall manning policy as between the employment of military and civilian personnel shall be the subject of consultation and agreement between the two Governments.

8. Financing

Unless otherwise provided by Canada, the costs of construction and operation of the DEW System shall be the responsibility of the United States, with the exception of Canadian military personnel costs if Canada should man any of the installations.

9. Period of Operation of the System

Canada and the United States agree that, subject to the availability of funds, the DEW System shall be maintained in operation for a period of ten years or such shorter period as shall be agreed by both countries in the light of their mutual defence interests. Thereafter, in the event that either Government concludes that any or all of the installations are no longer required, and the other Government does not agree, the question of continuing need will be referred to the Permanent Joint Board on Defence. In considering the question of need, the Permanent Joint Board on Defence will take into account the relationship of the DEW System to other radar installations established in the mutual defence interest of the two countries. Following consideration by the Permanent Joint Board on Defence, as provided above, either Government may decide that the installations in question shall be

closed, in which case the arrangements shown in paragraph 10 below regarding ownership and disposition of the installations will apply.

10. Ownership of Removable Property

Ownership of all removable property brought into Canada or purchased in Canada and placed on the sites, including readily demountable structures, shall remain in the United States. The United States shall have the unrestricted right of removing or disposing of all such property, PROVIDED that the removal or disposition shall not impair the operation of any installation whose discontinuance had not been determined in accordance with the provisions of paragraph 9 above, and PROVIDED further that removal or disposition takes place within a reasonable time after the date on which the operation of the installation has been discontinued. The disposal of United States excess property in Canada shall be carried out in accordance with the provisions of the Exchange of Notes of April 11 and 18, 1951, between the Secretary of State for External Affairs and the United States Ambassador in Ottawa, concerning the disposal of excess property.

11. Telecommunications

The United States military authorities shall obtain the approval of the Canadian Department of Transport, through the Royal Canadian Air Force, for the establishment and operation (including the assignment of frequencies) of radio stations in Canadian territory. The provision of telecommunications circuits (both radio and land-line) required during the construction period and thereafter will be the subject of consultation between the appropriate authorities of the two governments, having regard to the desirability of using existing military circuits and existing Canadian public carriers where this may be feasible.

12. Scientific Information

Any geological, topographical, hydrographical, geophysical, or other scientific data obtained in the course of the construction or operation of the DEW System shall be transmitted to the Canadian Government.

13. Matters Affecting Canadian Eskimos

The Eskimos of Canada are in a primitive state of social development. It is important that these people be not subjected unduly to disruption of their hunting economy, exposure to diseases against which their immunity is often low, or other effects of the presence of white men which might be injurious to them. It is therefore necessary to have certain regulations to govern contact with and matters affecting Canadian Eskimos. The following conditions are set forth for this purpose:

- (a) Any matters affecting the Eskimos, including the possibility of their employment in any area and the terms and arrangements for their employment, if approved, will be subject to the concurrence of the Department of Northern Affairs and National Resources.
- (b) All contact with Eskimos, other than those whose employment on any aspect of the project is approved, is to be avoided except in cases of emergency. If, in the opinion of the Department of Northern Affairs and National Resources, more specific provision in this connection is necessary in any particular area, the Department may, after consultation with the United States, prescribe geographical limits surrounding a station beyond which personnel associated with the project other than those locally engaged, may not go or may prohibit the entry of such personnel into any defined area.
- (c) Persons other than those locally engaged shall not be given leave or facilities for travel in the Canadian Arctic (other than in the course of their duties in operation of the project) without the approval of the Department of Northern Affairs and National Resources, or the Royal Canadian Mounted Police acting on its behalf.

- (d) There shall be no local disposal in the north of supplies or materials of any kind except with the concurrence of the Department of Northern Affairs and National Resources, or the Royal Canadian Mounted Police acting on its behalf.
- (e) Local disposal of waste shall be carried out in a manner acceptable to the Department of Northern Affairs and National Resources, or the Royal Canadian Mounted Police acting on its behalf.
- (f) In the event that any facilities required for the system have to encroach on or disturb past or present Eskimo settlements, burial places, hunting grounds, etc., the United States shall be responsible for the removal of the settlement, burial ground, etc., to a location acceptable to the Department of Northern Affairs and National Resources.

14. Canadian Immigration and Customs Regulations

- (a) Except as otherwise agreed, the direct entry of, United States personnel into the Northwest Territories or Yukon Territory from outside Canada shall be in accordance with Canadian customs and immigration procedures which will be administered by local Canadian officials designated by Canada.
- (b) Canada will take the necessary steps to facilitate the admission into the territory of Canada of such United States citizens as may be employed on the construction of the DEW System, it being understood that the United States will undertake to repatriate at its expense any such persons if the contractors fail to do so.

15. Use of Airstrips

Airstrips at installations in the DEW System shall be used by the United States solely for the support of the System. If it should be desired at any time by the United States to use an airstrip for other purposes, requests should be forwarded through appropriate channels. The airstrip shall be available for use by the RCAF as required. The airstrip shall also be available for use by Canadian civil air carriers operating into or through the area, whenever such use would not conflict with military requirements, and SUBJECT to the understanding that the United States Air Force will not be responsible for the provision of accommodation, fuel, or servicing facilities of any kind. Proposals and arrangements for such use of USAF-operated airstrips by Canadian air carriers shall be submitted to the RCAF, which shall consult the USAF before granting any such permission.

16. Landing Facilities

Landing facilities at any of the stations on tidewater will be available for use by Canadian Government ships and ships employed on Canadian Government business.

17. Transportation

Canadian commercial carriers will to the fullest extent practicable be afforded the opportunity to participate in movements of project materials, equipment and personnel within Canada. The United States will select the means of transportation and specific carriers for the movement of material, equipment, and personnel from points of Canada to DEW System sites, provided that in the case of air carriers applicable civil air transport agreements and procedures shall be observed.

18. Re-supply Arrangements

Because of the special conditions in the Canadian Arctic, the Canadian Government has a particular interest in the arrangements for the re-supply of the DEW System. These arrangements shall therefore be a matter for later consultation and agreement between the two governments.

19. Taxes

The Canadian Government will grant remission of customs duties and excise taxes on goods imported and of federal sales and excise taxes on goods purchased in Canada which are or are to

become the property of the United States Government and are to be used in the construction and/or operation of the DEW System, as well as refunds by way of drawback of the customs duty paid on goods imported by Canadian manufacturers and used in the manufacture or production of goods purchased by or on behalf of the United States Government and to become the property of the United States Government for the construction of the system.

20. Status of Forces

The "Agreement between the Parties to the North Atlantic Treaty regarding the Status of their Forces", signed in London on June 19, 1951², shall apply.

21. Supplementary Arrangements and Administrative Agreements

Supplementary arrangements or administrative agreements between authorized agencies of the two Governments may be made from time to time for the purpose of carrying out the intent of this agreement.

II

*The Secretary of State of the United States of America to the Canadian
Ambassador to the United States of America*

Department of State
Washington
May 5, 1955

EXCELLENCY:

I have the honour to acknowledge your Note No. 306 of May 5, 1955. You refer to the construction by the United States of the distant early warning element of a comprehensive warning and control system, being established jointly by the United States and Canada, and annex a statement of conditions to govern the establishment of this line in Canadian territory which were developed in discussion between representatives of the two governments.

The United States Government notes the intentions of your government with regard to participation in the construction, operation and maintenance of the project and both concurs in the conditions annexed to your Note and confirms that your Note and this reply shall constitute an agreement of our two governments effective today.

Accept, Excellency, the renewed assurances of my highest consideration.

[FROM:] ROBERT MURPHY,
(for) The Secretary of State.

[TO:] His Excellency,
A. D. P. HEENEY,
Ambassador of Canada.

² Canada, Treaty Series 1953, No. 13.

2.2 THE DEW LINE STORY IN BRIEF

By Western Electric Corporation, c.1960

The DEW Line - short for Distant Early Warning Line - is an integrated chain of more than 50 radar and communication stations stretching 3,000 miles from the northwest coast of Alaska to the eastern shore of Baffin Island opposite Greenland. It is within the Arctic Circle over its entire length, and for much of the distance crosses country hitherto unexplored.

The purpose of the DEW Line is to provide the United States and Canada with the earliest possible warning of the approach of airborne objects over the polar region. Its advantage the extra time it gives us to rally our defenses could mean the difference between successful defense and national disaster.

The DEW Line grew out of a detailed study made by a group of the nation's foremost scientists in 1952 the Summer Study Group at the Massachusetts Institute of Technology. The subject of their study was the vulnerability of the U.S. and Canada to air attack, and their recommendation was that a Distant Early Warning Line be built across our Arctic border as rapidly as possible.

Soon afterward, Robert A. Lovett, who was Secretary of Defense, asked Cleo F. Craig, then President of A.T. and T., if the Bell System would undertake the job of building the Line. Mr. Lovett stated that the Department of Defense had selected the Bell System for this undertaking because of its "unique qualifications," and he strongly urged that the assignment be accepted.

The assignment was accepted, and the responsibility for the over-all management of the design and construction of the Line was given to Western Electric. Immediately Western started recruiting a team to do the job from the Bell Telephone Companies, the Long Lines Department of A.T. and T., Bell Laboratories and from Western Electric's own divisions.

Before the job was completed, men with the necessary knowledge, skills and experience were drawn from Bell telephone companies in every state in the U.S. Much of the responsibility was delegated under close supervision to a vast number of subcontractors, suppliers, and U.S. military units. It has been estimated that by the time the DEW Line was completed, some 25,000 people had been engaged directly in planning and building it.

The initial contract with the Air Force provided for the design and construction of a small experimental system to determine at the beginning whether the idea was practicable. The designs of communication and radar detection equipment available at the time were known to be unsuited to the weather and atmospheric conditions encountered in the Arctic.

Prototypes of several stations were designed and built in Alaska and in a rural section of Illinois in 1953. While few of the original designs for either buildings or equipment were retained, the trial installations did prove that the DEW Line was feasible, and furnished a background of information that led to the final improved designs of all facilities and final plans for manpower, transportation and supply.

With the experimental phase completed successfully, the Air Force asked Western Electric to proceed as rapidly as possible with the construction of the entire DEW Line. This was in December 1954, before the route to be followed in the eastern section had even been determined.

A target date for completing the Line and having it in operation was set for July 31, 1957. This provided only two short Arctic summers totaling about six months in which to work under passable conditions. The bulk of the work would have to be completed in the long, dark, cold Arctic winters.

From a standing start in December 1954, many thousands of people with countless skills were recruited, transported to the polar regions, housed, fed, and supplied with tools, machines and materials in order to construct physical facilities--buildings, roads, tanks, towers, antennas, airfields and hangars--at some of the most isolated spots in North America.

Siting crews covered the area - first from the air and then on the ground - to locate by scientific means the best sites for the main, auxiliary and intermediate stations. These hardy men lived and worked under the most primitive conditions. They covered vast distances by plane, "snowmobile" and dog sled, working in blinding snowstorms with temperatures so low that ordinary thermometers could not measure them. But they completed their part of the job on schedule and set the stage for the small army of men and machines that followed.

Military and civilian airlifts, huge sealifts during the short summers, cat trains and barges distributed vast cargoes the length of the Line to build the permanent settlements needed at each site. In all, *460,000 tons* of materials were moved from the U.S. and Canada to the Arctic by air, land and water.

As the stacks of materials at the station sites mounted, construction went ahead rapidly. Subcontractors with a flair for tackling difficult construction projects handled the bulk of this work under Western Electric direction. Prodigious quantities of gravel were produced and moved. Concrete was poured in the middle of the Arctic winters, buildings were constructed, electricity, heat and water provided, huge steel antenna towers were erected, airstrips and hangars were built. To get an idea of what was accomplished, look at it this way. In transportation and construction effort, building the DEW Line was roughly equivalent to the job of taking 2000 Statues of Liberty dismantled into reasonable sized units, moving them from New York Harbor to dozens of spots inside the Arctic Circle, and putting them together again in darkness, blizzards and sub-zero cold.

After the building came the installation of radar and communications equipment; then the thorough and time-consuming testing of each unit individually and of the system as an integrated whole - both handled by Western Electric technical people.

Finally all was ready, and on July 31, 1957 - just two years and eight months after the decision to build the Distant Early Warning Line was made - Western Electric turned over to the Air Force on schedule a complete, operating radar system across the top of North America, with its own dependable communications network.

Geography

The DEW Line extends east and west at roughly the 69th parallel. On the average, it is about 200 miles north of the Arctic Circle and 1400 miles from the North Pole.

Its western end is anchored on the northern coast of Alaska. With only a handful of widely-separated towns (Point Barrow, the largest, has a normal population of about 1000 Eskimos), it is a remote and desolate section. But in comparison with the area along the DEW Line to the east, it is densely populated and highly developed. Once you leave the Mackenzie River and head east, you find only an occasional Royal Canadian Mounted Police post and Hudson's Bay store, plus a few settlements of migrant Eskimos. For all practical purposes, the 2000 miles between the Mackenzie and Baffin Island are uninhabited.

In Alaska and western Canada, the Line crosses flat, treeless tundra along the shores of the Arctic Ocean. It is soggy muskeg during the short warm period; then for nine months of the year it lies covered with so much ice and snow that it's hard to tell where the land ends and

the sea begins. It makes little difference, anyway, for the thick sea ice is practically as solid and substantial as the earth itself.

As you follow the DEW Line across Canada, the farther east you go the more forbidding the country becomes. It starts out being rugged and treacherous and ends up on the east coast of Baffin Island, a nightmare of precipitous mountains and rocky gorges.

The area along the DEW Line may be desolate, but it is steeped in the history of Arctic exploration. Some station sites had never been seen from the ground by white men before the siting crews arrived. But at other locations our siting engineers had for company the spirits of some of history's greatest explorers. One site is within walking distance of the spot where Sir John Franklin perished in 1847 during his ill-fated expedition to find the Northwest Passage; another looks down on the remains of a ship abandoned by Roald Amundsen in the early 1900's. And more recently, it was near Point Barrow that Wiley Post and Will Rogers died in an airplane crash in 1935.

The seasons along the DEW Line are the same as we know them in the States, but quite different in length. By New York or Chicago standards, winter along the DEW Line would last from October through May. Spring would be June and July, autumn would be August and September, and there would be little or no summer. For three months of the year December through February the sun is never seen. The only difference between day and night is a glow of light that appears in the south at noon, and soon disappears. On the other hand, in June and July you don't need 20/20 vision to read a newspaper outdoors at midnight.

In the winter most stateside thermometers would be useless - they don't go low enough. Temperatures usually range between 40° and 50° below zero, but 60° and 65° below are not uncommon. The record low recorded at one site was a frigid 86° below zero. In summer the mercury rises to the 60° level, but seldom higher.

But it isn't only the cold and never-ending darkness that make winter on the DEW Line such a cruel, uncompromising foe. Combine these with howling 100-mile-an-hour winds and snow constantly on the move in the teeth of the king-sized blizzards that are commonplace, and you have a force to be reckoned with. Men on the DEW Line learned quickly that you can't fight the Arctic. You've got to learn to respect it, to live with it, to rock with its punches. That's the way the DEW Line was built.

The People

If you were to make a list of the hundreds of different skills and professions needed to keep a good sized city functioning, chances are you would find them all represented in the 25,000 people who had a direct hand in building the DEW Line.

The key roles were played by Bell System people. Western Electric, Bell Telephone Laboratories, nineteen Bell telephone companies and the Long Lines Department of A.T. & T. in the U.S. and the Bell Telephone Company of Canada contributed some of their best men to make up a Bell System team 2,000 strong.

These men carried the brunt of the planning and supervision in the Arctic, at project headquarters in New York and at locations from Seattle to Winston-Salem. In this group were experts in science, engineering, manufacturing, personnel, purchasing, warehousing, materials handling, transportation, construction, installation, testing and establishment of operating methods. The ability of the Bell System to recruit such a talented team in a short time, and our common experience in meeting emergencies in the telephone business caused by fire, flood

and storm, are two of the “unique qualifications” cited by Defense Secretary Lovett when he asked the Bell System to undertake the DEW Line job.

Construction work needed to build housing, air strips, hangars, antennas and towers was done by subcontractors. In all, over 7,000 bulldozer operators, carpenters, masons, plumbers, welders, riggers, electricians and other tradesmen from the U.S. and Canada worked at breakneck speed under conditions so difficult it is a wonder the job was completed in such a short time.

The native Eskimos provided their share of workers on the Line, too. Although baffled at first by modern machines and construction methods, they were quick to catch on. Whether driving dog teams or bulldozers, they proved conscientious and dependable.

To U.S. military and naval units fell much of the job of transporting mountains of supplies to the northern sites. More than 3,000 Army Transportation Corps soldiers were given special training to prepare them for the job of unloading ships in the Arctic. They accompanied the convoys provided by the U.S. Navy and raced time during the few weeks the ice was open to land supplies at dozens of spots on the Arctic Ocean shore during the summers of 1955, 1956 and 1957.

Scores of commercial pilots, flying everything from bush planes to four-engine ships, were the backbone of one of the greatest airlift operations in history. Helping them were U.S. Air Force crews of the giant “Globemasters” and “Flying Boxcars.” Together they provided the only means of access to many of the stations during the winter.

A Typical Station

The only part of the DEW Line you can see are the ground stations. It is a “line” only in the sense that overlapping radar beams projected from these stations form a continuous and invisible screen, miles high, which detects airborne objects the instant they come within range.

The stations are of three types - main stations, auxiliary stations and intermediate stations. The main stations are the largest. Each one is a complete, self-contained community, set in the middle of nowhere.

Like any well-planned community in the U.S., each main station has its own electricity, water service, heating facilities, homes, work buildings, recreation areas and roads. But there the similarity ends. The Arctic has dictated what the buildings look like, how they are built and even in what direction they face.

Instead of a group of separate buildings, the typical main station is essentially two long, low buildings connected by an enclosed overhead bridge, forming the letter “H.” At one end, set on steel stilts, is the radome - a weather-tight dome covering the radar antenna. Nearby are the huge “reflectors” that provide radio communication with the outside world.

Living quarters, recreation facilities, radar and radio equipment and power and heating plants are all within the main buildings. The construction and transportation of these buildings show how ingenuity can outwit the Arctic. For stations at the western end of the line, buildings at a deactivated Navy camp in Point Barrow were converted into workshops where prefabricated panels, fully insulated, were put together to form modular building units 28 feet long, 16 feet wide and 10 feet high. These modules were put on sleds and drawn to station sites hundreds of miles away by powerful tractors.

Each main station has its own airstrip - as close to the buildings as safety regulations and the terrain permit. Service buildings, garages, connecting roads, storage tanks and perhaps an aircraft hangar complete the community.

If the ground were frozen solid the year round, the construction job would have been far easier. Unfortunately, in warmer weather the top few feet of earth thaw and become a swampy bog, unable to support buildings or vehicles. As a result roads and airstrips had to be covered with up to six feet of gravel to keep the ground from thawing. Heated buildings had to be set on pilings going down deep into the permanently frozen ground or built on pads of gravel up to 12 feet deep. The main problem was to find the gravel. Often it had to be trucked for miles or produced by crushing rock.

Drifting snow was a constant menace. Siting engineers and advance parties learned this the hard way when their tents disappeared beneath the snow in a few hours. So the permanent "H" shaped buildings at the main stations were always pointed into the prevailing winds and their bridges built high off the ground.

Logistics

Logistics, a word borrowed from military terminology, is used to describe the operations involved in moving large forces of men and supplying them with all the things they need. The logistics of DEW Line construction can be told only in superlatives.

The sealifts provided by the Navy, and the job of moving the machines, fuel oil and supplies from ships to shore to DEW Line sites done by Army personnel was one of the largest projects of its kind in history. The airlift carried on continuously by commercial and Air Force planes was the largest commercial operation ever attempted.

Purchasing the needed materials required 113,000 purchase orders. Everything from safety pros to giant rock crushers had to be located, ordered and expedited. In many cases deliveries had to be immediate because the sealifts could not wait.

In moving men and materials, the Arctic was not overpowered in one gigantic operation. It was conquered by degrees. Transportation overland to most station sites in Canada was out of the question. So small advance parties were set down the Arctic void by light planes fitted with skis instead of wheels. In some cases they had only shovels for tools, but by dint of back-breaking labor they cleared enough snow from the ice so planes with regular landing gear could get down. These planes brought small tractors, because men alone were no match for the fast-piling snow. Small tractors made it possible to open the airstrips long enough for larger planes carrying larger tractors to land. With these it was possible to build the long and substantial airstrips required by large freight planes. Only then could the airlift begin in earnest.

The sealift was a moving drama in two acts and a final scene. These were a year apart and had to be timed as nicely as a coast-to-coast TV show because the Arctic Ocean ice opens up for only a few weeks in the summer. The large convoys had to get in, unload their cargoes and get out on a split-second schedule or face a long winter trapped in the frozen north.

To the sturdy icebreakers that led the way, "open water" meant any ice they could smash and crash their way through, and they had to do just that time after time. When the 1955 sealift was completed, 129,000 tons of cargo had been laid down by the ships in what proved to be one of the most severe ice seasons on record.

The second act of the sealift a year later was easy by comparison. It carried the technical gear, the last of the construction equipment and supplies to run the stations for a full

year. On that trip Nature was kind, the weather was better and the polar passages were relatively free of ice. The third sealift in the summer of 1957, which started about the time the Line was completed, was smaller than the preceding ones and was completed by the experienced crews without incident.

Eyes, Ears and Voice

Like Cyclops of old, each DEW Line station has but one eye, but it is keen and sharp and can see for miles through snow and fog. This is its radar, with the antenna overhead and electronic equipment filling a room in the building on the ground.

At main and auxiliary stations, distinctive plastic-covered domes house rotating antennas that warn of approaching airborne objects. At intermediate stations another type of radar fills in the chinks in the electronic fence so that nothing sizeable can sneak through.

Ordinary radar for spotting planes is of no value unless an operator is watching the "scope." Only a human observer can spot the tiny "blips" of light that tell of approaching aircraft. DEW Line radar is different. It has automatic alarms that do the watching and sound-off when airborne objects come within range. Without a dependable communications system to warn Canada and the U.S. of approaching danger, the DEW Line would be like Paul Revere without a horse. Radio is the only practical means, but the Arctic is notorious for magnetic storms and other disturbances that disrupt normal radio transmission.

The radio "ears" and "voice" of DEW Line stations is a new and special type that is reliable at all times. Using what is known as "tropospheric scatter" and "ionospheric scatter," this system depends on minute amounts of ultra-high frequency electrical energy that for some reason do not travel in a straight line as they are supposed to do, but drop back to earth over the horizon. To capture these errant bits of power, mammoth reflectors (or antennas) are required. At some DEW Line stations reflectors are 60 feet high and are shaped like oversize drive in theatre screens. At others, circular "dishes" 30 feet across do the job. A string of these radio stations across the top of our continent and continuing down to connect with land lines in Canada and the U.S. gives DEW Line stations instant, foolproof communication rearward.

Design and development of the specialized radar and radio gear was a joint undertaking of the Lincoln Laboratories of the Massachusetts Institute of Technology and Bell Telephone Laboratories. Only a small portion of the equipment was manufactured by the Western Electric Company, the bulk of it being produced by a large group of subcontractors.

DEW LINE STATISTICS

1. SURVEYING

Mapping teams traveled more than 1,000,000 miles and reviewed more than 80,000 aerial photos as part of siting and mapping activities.

2. PURCHASE ORDERS

More than 113,000 purchase orders were issued to 4650 supplier companies in the US and Canada as follows:

	Orders	Total Amounts
U.S.	47,137	\$148,849,000
Canada	66,295	\$198,151,000

3. MATERIAL TRANSPORTED

By Aircraft	140,400 Tons
By Naval Convoy	281,600 Tons
By Cat Train	17,600 Tons
By Barge	20,300 Tons
TOTAL	459,900 Tons

4. PETROLEUM FUELS, OILS and LUBRICANTS

75,000,000 gallons of petroleum products were shipped to the Line, enough to fill 9375 tank cars in a train 65 miles long. Some 43,000,000 gallons of this was shipped in 818,000 drums, which would connect New York to Pittsburgh with a two-foot wide pipe line.

5. AIRLIFT

This is the largest commercial airlift operation ever reported, with 45,000 commercial flights in 32 months delivering 120,300 tons over an average distance of 720 miles per flight. Involved were some 50 Canadian and 31 U.S. commercial airlines.

6. CONSTRUCTION

Gravel produced was more than 9,600,000 cubic yards, enough to build two replicas of the Great Pyramid or a road 18 feet wide and one foot thick from Jacksonville, Florida to San Diego, California.

Airstrips in the Arctic covered 26,700,000 square feet, or 625 acres. 46,000 tons of steel were used - more than enough for a USS *Forrestal*. 1800 piles were sunk an average depth of 12 feet into permafrost. Generating capacity of power generation equipment installed is 155,000 kilowatts per day - enough to supply a city the size of Spokane Washington.

7. PERSONNEL

If all 4650 suppliers employed as few as 350 people each a total of over 1,600,000 people worked on DEW Line products. Three construction companies used a total of more than 20,000 people in two and one half years on direct work. Peak numbers actually inside the Arctic at any one time was about 7500 men.

8. MISCELLANEOUS

22,000 tons of food was shipped in 1,000,000 containers in 32 months; 12 acres of bed sheets; 6 acres of rugs; 3 miles of window shades; 100,000 copies of 600 different manuals prepared to cover operation and maintenance of the line.

2.3 LIST OF DEW LINE SITES³

List of Acronyms

DEW = DEW Line

DEW AUX = DEW Line Auxilliary Site

DEW "I" SITE = DEW Line Intermediate Site

DEW MAIN = DEW Line Main Site

DEW REAR COM = DEW Line Rearward Communication Site

NWS = North Warning System

NWS LRR = North Warning System Long Range Radar Site

NWS SRR = North Warning System Short Range Radar Site

NWS LSS = North Warning System Logistic Support Site

N/A DEW = Not Applicable To The Dew Line

N/A NWS = Not Applicable To The North Warning System

LAT/LON = Latitude and Longitude

/ = also known as

Note: References marked with * are approximate or are of a geographic place of the same name.

DEW or NWS SITE # and LAT/LON	SITE TYPE	GEOGRAPHICAL PLACE NAME	NWS SITE EST.	DEW OPERATION CEASED
COB M 55 15 49N 162 53 08W	ALEUTIAN DEW LRR N/A NWS	COLD BAY ALASKA	.	30 SEP 69
COB 1 52 58 30N 168 51 20W	ALEUTIAN DEW LRR N/A NWS.	NIKOLSKI ALASKA	.	30 SEP 69.
COB 2 53 58 12N 166 52 46W	ALEUTIAN DEW LRR N/A NWS.	DRIFTWOOD BAY ALASKA	.	30 SEP 69.
COB 3 54 35 32N 164 52 34W	ALEUTIAN DEW LRR N/A NWS.	CAPE SARICHEF	.	30 SEP 69.
COB 4 55 58 41N 160 30 01W	ALEUTIAN DEW LRR N/A NWS.	PORT MOLLER ALASKA	.	30 SEP 69.
COB 5 56 58 38N 158 39 09W	ALEUTIAN DEW LRR N/A NWS.	PORT HEIDEN ALASKA	.	30 SEP 69
AGE-X	DEW REAR COM N/A NWS	ANCHORAGE ALASKA	.	1963
NEL-X	DEW REAR COM N/A NWS	FORT NELSON BC	.	1963
LIZ-1	DEW "UNK" SITE	CAPE LISBURNE	.	UNK

³ From L. Wilson, "The DEW Line Sites in Canada, Alaska & Greenland," <http://www.lswilson.ca/dewline.htm>.

DEW or NWS SITE # and LAT/LON	SITE TYPE	GEOGRAPHICAL PLACE NAME	NWS SITE EST.	DEW OPERATION CEASED
	N/A NWS	ALASKA		
LIZ-A 69.01.27N 163.51.26W	DEW "T" SITE N/A NWS	CAPE SABINE ALASKA	.	1963
LIZ-2 69 44 08N 163 00 59W	DEW AUX NWS LRR	POINT LAY ALASKA	89/90	.
LIZ-B 70 17 33N 161 54 12W	DEW "T" SITE N/A NWS	ICY CAPE ALASKA	.	1963
LIZ-3 70 36 34N 159 52 05W	DEW AUX NWS SRR	WAINWRIGHT ALASKA	1994	APR 1995
LIZ-C 70 48 32 N 158 15 15W	DEW "T" SITE N/A NWS	PEARL BAY ALASKA	.	1963
POW-MAIN 71 19 38N 156 38 10W	DEW MAIN NWS LRR	POINT BARROW ALASKA	89/90	.
POW-A 71 03 26N 154 43 28W	DEW "T" SITE N/A NWS	CAPE SIMPSON ALASKA	.	1963
POW-1 70 54 37N 153 14 23W	DEW AUX NWS SRR	LONELY ALASKA	1994	OCT 1990
POW-B 70 34 34N 152 15 46W	DEW "T" SITE N/A NWS	KOGRU ALASKA	.	1963
POW-2 70 29 54N 149 53 22W	DEW AUX NWS LRR	OLIKTOK POINT ALASKA	89/90	.
POW-C 70 24 09N 148 40 38W	DEW "T" SITE N/A NWS	POINT MCINTYRE ALASKA	.	1963
POW-3 70 10 38N 146.51.14W	DEW AUX NWS SRR	FLAXMAN ISLAND ALASKA / BULLEN POINT	1994	APR 1995
POW-D 69 58 27N 144 50 15W	DEW "T" SITE N/A NWS	BROWNLOW POINT ALASKA / KANGIGIVIK POINT / AGILGUAGRUK, / COLLINSON POINT, / CAMDEN BAY, / NUVUBAQ in Inupiat	.	1963
BAR-MAIN 70 07 49.5N	DEW MAIN NWS LRR	BARTER ISLAND ALASKA	15 NOV 1990	.

DEW or NWS SITE # and LAT/LON	SITE TYPE	GEOGRAPHICAL PLACE NAME	NWS SITE EST.	DEW OPERATION CEASED
143 38 21W				
BAR-A 69 53 09N 142 18 28W	DEW "T" SITE N/A NWS	DEMARCATIION BAY / NUVAGAPAK POINT	.	1963
BAR-1 69 35 53N 140 11 00W	DEW AUX NWS SRR	KOMAKUK BEACH YUKON	OCT 1990	04 AUG 1993
BAR-B 69 19 49N 138 44 13W	DEW "T" SITE NWS SRR	STOKES POINT YUKON	JUL 1991	.
BAR-2 68 55 23N 137 15 32W	DEW AUX NWS LRR	SHINGLE POINT YUKON	JUN 1989	JUN 1989
BAR-C 69 0010N 134 40 00W	DEW "T" SITE N/A NWS	TUNUNUK CAMP YUKON	.	1963
BAR-BA3 68 53 44N 133 56 12W	N/A DEW NWS SRR	STORM HILLS NWT	NOV 1990	.
BAR-3 69 26 35N 132 59 55W	DEW AUX NWS SRR	TUKTOYAKTUK NWT	SEP 1990	13 SEP 1993
BAR-D 69 57 00N* 131 27 00W*	DEW "T" SITE N/A NWS	ATKINSON POINT NWT	.	1963
BAR-DA1 69 36 30N 130 54 00W	N/A DEW NWS SRR	LIVERPOOL BAY NWT	NOV 1990	.
BAR-4 69 55 38N 128 58 13W	DEW AUX NWS SRR	NICHOLSON PENNINSULA NWT	OCT 1990	09 SEP 1993
BAR-E 70 00 59N 126 56 05W	DEW "T" SITE NWS SRR	HORTON RIVER NWT / MALLOCH HILLS	JUN 1991	1963
PIN-MAIN 70 10 17N 124 43 30W	DEW MAIN NWS LRR	CAPE PARRY NWT	AUG 1989	AUG 1989
PIN-A 69 49N* 122 44W*	DEW "T" SITE N/A NWS	PEARCE POINT NWT	.	1963
PIN-1 69 35N 120 44W	DEW AUX N/A NWS	CLINTON POINT NUNAVUT	.	03 SEP 1993
PIN-1BD 69 20 40N 121 40 25W	N/A DEW NWS SRR	KEATS POINT NUNAVUT	JUL 1991	.

DEW or NWS SITE # and LAT/LON	SITE TYPE	GEOGRAPHICAL PLACE NAME	NWS SITE EST.	DEW OPERATION CEASED
PIN 1BG 69 16 00N 119 13 00W	N/A DEW NWS SRR	CROKER RIVER NUNAVUT	AUG 1991	.
PIN-B 69 13 00N* 118 38 00W*	DEW "I" SITE N/A NWS	CLIFTON POINT NUNAVUT	.	1963
PIN-2 68 56N 116 56W	DEW AUX N/A NWS	CAPE YOUNG NUNAVUT	.	31 AUG 1993
PIN-2A 68 50 23N 116 58 57W	N/A DEW NWS SRR	HARDING RIVER NUNAVUT	SEP 1991	.
PIN-C 68 46 00N* 114 42 00W*	DEW "I" SITE N/A NWS	BERNARD HARBOUR NUNAVUT	1963	.
PIN-CB 68 45 19N 114 56 16W	N/A DEW NWS SRR	BERNARD HARBOUR NUNAVUT	SEP 1991	.
PIN-3 68 28 45N 113 13 32W	DEW AUX NWS LRR	LADY FRANKLIN POINT NUNAVUT	JUN 1989	JUN 1989
PIN-D 68 31 00N* 111 10 00W*	DEW "I" SITE N/A NWS	ROSS POINT NUNAVUT	.	1963
PIN-4 68 55 00N* 108 30W*	DEW AUX N/A NWS	BYRON BAY NUNAVUT	.	21 AUG 1993
PIN-DA 68 29 08N 110 51 48W	N/A DEW NWS SRR	EDINBURGH ISLAND NUNAVUT	OCT 1991	.
PIN-EB 69 01 30N 107 48 10W	N/A DEW NWS SRR	CAPE PEEL WEST NUNAVUT	OCT 1991	.
CAM-MAIN 69 07 18N 105 08 07W	DEW MAIN NWS LRR/LSS	CAMBRIDGE BAY NUNAVUT	SEP 1989	SEP 1989
CAM-A3A 68 57 51N 103 45 24W	N/A DEW NWS SRR	STURT POINT NUNAVUT	OCT 1991	.
CAM-1 68 39 00N 101 45 00W	DEW AUX N/A NWS	JENNY LIND ISLAND NUNAVUT	.	.
CAM-1A 68 44 31N 101 51 17W	N/A DEW NWS SRR	JENNY LIND ISLAND NUNAVUT	OCT 1990	1992
CAM-B 68 19 10N 100 05 08W	DEW "I" SITE NWS SRR	HAT ISLAND NUNAVUT	SEP 1991	1963

DEW or NWS SITE # and LAT/LON	SITE TYPE	GEOGRAPHICAL PLACE NAME	NWS SITE EST.	DEW OPERATION CEASED
CAM-2 68 40 35N 97 48 12W	DEW AUX NSW SRR	GLADMAN POINT NUNAVUT	OCT 1990	1992
CAM-C 68 52 10N 95 09 25W	DEW "T" SITE N/A NWS	MATHESON POINT NUNAVUT	.	1963
CAM-CB 68 38 26N 95 52 23W	N/A DEW NWS SRR	GJOA HAVEN NUNAVUT	OCT 1990	.
CAM-3 68 47 34N 93 27 27W	DEW AUX NWS LRR	SHEPHERD BAY NUNAVUT	JUL 1989	JUL 1989
CAM-D 68 35 33N 91 59 01W	DEW "T" SITE NWS SRR	SIMPSON LAKE NUNAVUT / SITE 25	SEP 1991	.
CAM-4 68 26 19N 89 43 04W	DEW AUX NWS SRR	PELLY BAY NUNAVUT	SEP 1991	1992
CAM-E 68 17 00N* 88 16 00W*	DEW "T" SITE N/A NWS	KEITH BAY NUNAVUT	.	1963
CAM-5 68 21N 85 45W	DEW AUX N/A NWS	MACKAR INLET NUNAVUT	.	1992
CAM-5A 69 39 21N 85 34 22W	N/A DEW NWS SRR	CAPE MCLOUGHLIN NUNAVUT	JUL 1992	.
CAM-F	DEW "T" SITE N/A NWS	SCARPA LAKE NUNAVUT / SITE 29	.	1963
CAM-FA 69 06 50N 83 32 19W	N/A DEW NWS SRR	LAILOR RIVER NUNAVUT	AUG 1992	.
FOX.MAIN 68 45 43N 81 14 42W	DEW MAIN NWS LRR/LSS	HALL BEACH NUNAVUT / SITE 30	SEP 1989	SEP 1989
FOX-1 69 03 29N 79 03 15W	DEW AUX NWS SRR	ROWLEY ISLAND NUNAVUT	AUG 1991	.
FOX-A 69 13 33N 77 13 31W	DEW "T" SITE NWS SRR	BRAY ISLAND NUNAVUT / SITE 32	AUG 1991	.
FOX-2 68 53 56N 75 08 54W	DEW AUX NWS SRR	LONGSTAFF BLUFF NUNAVUT / SITE 33	NOV 1990	1991
FOX-B 68 37 14N 73 12 58W	DEW "T" SITE NWS SRR	NUDLUARDJUK LAKE NUNAVUT / WEST BAFFIN	OCT 1991	.

DEW or NWS SITE # and LAT/LON	SITE TYPE	GEOGRAPHICAL PLACE NAME	NWS SITE EST.	DEW OPERATION CEASED
FOX-3 68 39 01N 71 14 05W	DEW AUX NWS LRR	DEWAR LAKES NUNAVUT	JUL 1989	JUL 1989
FOX-C 68 46 00N* 68 37 00W*	DEW "T" SITE N/A DEW	EKALUGAD NUNAVUT	.	1963
FOX-CA 68 38 51N 69 07 47W	N/A DEW NWS SRR	KANGOK FJORD NUNAVUT	SEP 1992	.
FOX-4 68 28 21N 66 48 01W	DEW AUX NWS SRR	CAPE HOOPER NUNAVUT / SITE 37	DEC 1990	1991
FOX-D 67 56 00N 64 52 00W	DEW "T" SITE N/A NWS	KIVITOO NUNAVUT	.	1963
FOX-5 67 32 12N 63 47 17W	DEW AUX NWS SRR	BROUGHTON ISLAND NUNAVUT / QIKIQTARJUAQ / SITE 39	DEC. 1990	1991
FOX-E 67 05 00N 62 13 00W	DEW "T" SITE N/A NWS	DURBAN ISLAND NUNAVUT / PADLOPING	.	1963
DYE-MAIN 66 39 52N 61 21 27W	DEW MAIN NWS LRR	CAPE DYER NUNAVUT / SITE41	AUG 1989	AUG 1989
DYE-1 66.9N* 53.7W*	DEW AUX N/A NWS	QAQQATOQAQ GREENLAND / Sisimiut	N/A	1990/91
DYE-2 66 23N 46 11W	DEW AUX N/A NWS	ICE CAP 1	N/A	01 Oct 1988
DYE-3 65 11N 43 49W	DEW AUX N/A NWS	ICE CAP 2	N/A	1990/91
DYE-4 65 31 32N 37 10 31W	DEW AUX N/A NWS	KULUSUK GREENLAND	N/A	1990/91
DYE-5	LRR N/A NWS	ROCKVILLE ICELAND / H1	.	.
BAF-2 64 57 28N 63 34 46W	N/A DEW NWS SRR	CAPE MERCY NUNAVUT	JUL 1992	.
BAF-3 (RES-X-1) 63 20 20N 64 09 28W	DEW REAR COM NWS LRR	BREVOORT ISLAND NUNAVUT	OCT 1988	.

DEW or NWS SITE # and LAT/LON	SITE TYPE	GEOGRAPHICAL PLACE NAME	NWS SITE EST.	DEW OPERATION CEASED
BAF-4A 62 30 23N 64 31 03W	N/A DEW NWS SRR	LOKS LAND NUNAVUT	AUG 1992	.
BAF-5 (RES-X) 61 35 47N 64 38 25W	DEW REAR COM NWS SRR	RESOLUTION ISLAND NUNAVUT	SEP 1991	1963
LAB-1 59 59 15N 64 09 55W	N/A DEW NWS SRR	CAPE KAKIVIAK LABRADOR	JUL 1992	.
LAB-2 58 29 17N 62 35 08W	N/A DEW NWS LRR	SAGLEK LABRADOR	NOV 1988	.
LAB-3 57 07 48N 61 26 22W	N/A DEW NWS SRR	CAPE KIGLAPAIT LABRADOR	AUG 1992	.
LAB-4 55 44 30N 60 25 42W	N/A DEW NWS SRR	BIG BAY LABRADOR	SEP 1992	.
LAB-5 54 42 53N 58 21 30W	N/A DEW NWS SRR	TUKIALIK LABRADOR	OCT 1992	.
LAB-6 53 33 08N 56 49 46W	N/A DEW NWS LRR	CARTWRIGHT LABRADOR	NOV 1988	JUN 1968



Module building at DEW Line site FOX-E (Durban Island/Padloping, NU) c1959/60. From DEWLiner website.

SECTION 3.0- ARCHIVAL COLLECTIONS

3.1 Rt. Hon. John George Diefenbaker Centre, Saskatoon, SK

MG 01 John G. Diefenbaker fonds. -- 1815-1979, predominant 1925-1979.

File #	Contents	Dates	Microfilm
MG 01/VI/(312 Transport) Diefenbaker Centre, Rows 2-4, Vol.115	Federal Government Executive - The Cabinet - Minister of Transport	1957-62	
MG 01/VI/R/117/(175.11 Conf.) Row 4, Vol.3, pp.47751-47763	Defence Expenditures - Electronics and Communications - Northern Radar Lines - DEW Line - Confidential	1959-60	
MG 01/VI/(175.11 Baccaro), Row 4 - 6, Vol.56, pp.47764-47766	Defence Expenditures - Electronics and Communications - Northern Radar Lines - DEW Line - Baccaro	1961	M-7813
MG 01/VI/(175.11), Rows 2-4, Vol.56, pp.47724-47750	Defence Expenditures - Electronics and Communications - Northern Radar Lines - DEW Line	1957-61	M-7813
MG 01/VIII/175.11, pp. 19509- 19511	Defence Expenditures - Electronics and Communications - Northern Radar Lines - DEW Line	1957, 1961	
MG 01/XII/B/64, row 9, Personal and Confidential, Vol. 31	Dew Line	1958-59	
MG 01/III/283, Row 1, 1940-1956 Series, Vol. 23	Defence - Radar System	1955	
MG 01/VIII/175.1, pp. 19506- 19508	Defence Expenditures - Electronics and Communication - Northern Radar Lines	1958	
MG 01/VI/(175.13 Secret), Row 4 - 6, Vol.56, pp.47780-47782	Defence Expenditures - Electronics and Communications - Northern Radar Lines - Detection Stations - Secret	1960	
MG 01/VI/(175.13 Conf.), Row 4 - 6, Vol.56, pp.47778-47779	Defence Expenditures - Electronics and Communications - Northern Radar Lines - Detection Stations - Confid	1960	
MG 01/VI/R/118/(175.12 Conf.), Row 4, Vol.3, pp.47772-47777	Defence Expenditures - Electronics and Communications - Northern Radar Lines - Mid-Canada Line - Confidential	1959	
MG 01/VI/(175.12), Row 4 - 6, Vol.56, pp.47767-47771	Defence Expenditures - Electronics and Communications - Northern Radar Lines - Mid-Canada Line	1957-62	M-7813
MG 01/VI/(175.1), Row 4 - 6, Vol.56, pp.47701-47723	Defence Expenditures - Electronics and Communications - Northern Radar Lines	1957-62	M-7813
MG 01/VI/(157.4), Row 4 - 6, Vol.54, pp.46459-46462	Defence Research - Radio and Radar Research - Weather Radar	1961	M-7813
MG 01/VIII/157.4, pp. 18841- 18845	Defence Research - Radio and Radar Research - Weather Radar	1961	

File #	Contents	Dates	Microfilm
MG 01/VI/R/104/(157.3 Conf.), Row 4, Vol.3, p.46458	Defence Research - Radio and Radar Research - Space Research Board - Confidential	1960	
MG 01/VI/(157.3), Row 4 - 6, Vol.54, pp.46455-46457	Defence Research - Radio and Radar Research - Space Research Board	1959	M-7813
MG 01/VI/(157.2 Top Secret), Row 4 - 6, Vol.54, pp.46453-46454	Defence Research - Radio and Radar Research - Radar Installations - Top Secret	1960	
MG 01/VI/(157.2 Conf.), Row 4 - 6, Vol.54, pp.46259	Defence Research - Radio and Radar Research - Radar Installations - Confidential	1960	
MG 01/VI/(157.2), Rows 2-4, Vol.54, pp.46247-46258	Defence Research - Radio and Radar Research - Radar Installations	1957-62	M-7813
MG 01/VI/(157.11/U58), Rows 2-4, Vol.54, pp.46238-46246	Defence Research - Radio and Radar Research - Satellite Research - Space Flights - United States of America	1961-62	M-7812
MG 01/VI/(157.11/U56), Row 4 - 6, Vol.54, pp.46236-46237	Defence Research - Radio and Radar Research - Satellite Research - Space Flights - Union of Soviet Socialist Republics	1961	M-7812
MG 01/VI/(157.11), Row 4 - 6, Vol.54, pp.46231-46	Defence Research - Radio and Radar Research - Satellite Research - Space Flights	1962	M-7812
MG 01/VI/R/98/(157.1 UK & AUST. Conf.), Row 4, Vol.3, pp.46219-46230	Defence Research - Radio and Radar Research - Satellite Research - United Kingdom and Australia - Confidential	1960	
MG 01/VI/R/97/(157.1 Conf.), Row 4, Vol.3, pp.46211-46218	Defence Research - Radio and Radar Research - Satellite Research - Confidential	1959-60	
MG 01/VI/(157.1), Rows 2-4, Vol.54, pp.46179-46210	Defence Research - Radio and Radar Research - Satellite Research	1957-62	M-7812
MG 01/VI/(157), Row 4 - 6, Vol.54, pp.46173-46178	Defence Research - Radio and Radar Research	1957-58, 1961	M-7812
MG 01/VIII/175.12, pp. 19512	Defence Expenditures - Electronics and Communication - Northern Radar Lines - Mid-Canada Line	1958	
MG 01/VIII/157.2, pp. 18828-18830	Defence Research - Radio and Radar Research - Radar Installations	1957-60	
MG 01/VIII/157, pp. 18768-18772	Defence Research - Radio and Radar Research	1959-60	
MG 01/III/283, Row 1, 1940-1956 Series, Vol. 23	Defence - Radar System	1955	M-7423
MG 01/IV/40/175.1, Row 1, First Leader of the Opposition Series, Vol. 1	Electronics & Communications - Northern Radar Lines	1957	M-5549
MG 01/VIII/157.1, pp. 18773-18808	Defence Research - Radio and Radar Research - Satellite Research	1957-61	
MG 01/VIII/157.11, pp. 18809-	Defence Research - Radio and Radar	1959-63	

File #	Contents	Dates	Microfilm
18827	Research - Space Flights		
MG 01/XII/C/296, row 9, Personal and Confidential, Vol. 66, pp. 045791 - 045963	National Development	1958-63	
MG 01/XII/A/476, row 9, Personal and Confidential, vol. 17	House of Commons - Speech from the Throne - 1960	1960	
MG 01/VI/(313.3I2 E - Eskimo Representatives), Row 4 - 6, Vol.234, pp.192140-192144	Federal Government Executive - The Prime Minister of Canada - Requests and Appeals - Interviews - Eskimo Representatives	1959	M-7895
Second Leader of the Opposition Series	Federal-Provincial Welfare Services - Indian and Eskimo Welfare - Eskimos	1964	



The American Stars and Stripes and the Canadian red ensign flank the radar and communications equipment at the DEW Line radar site near Cambridge Bay in the Canadian Arctic. The four main sites in Canada are now under operational control of the RCAF with the assistance of a United States Air Force officer. Approximately 200 civilians are employed at each of the four main sites. Ninety-three percent are Canadians.

*Canadian Forces
Photographic Unit photo
PCN-1656.*

3.2 Library and Archives Canada, *Ottawa, ON*

Relevant Record Groups:

<p style="text-align: center;"> Privy Council Records, RG 2 Department of Transport Records, RG 12 Revenue Canada Records, RG 16 Royal Canadian Mounted Police Records, RG 18 Department of Energy, Mines and Resources Records, RG 21 Department of Indian Affairs and Northern Development Records, RG 22 Department of National Defence Records, RG 24 Department of External Affairs Records, RG 25 Labour Canada Records, RG 27 Department of National Health and Welfare Records, RG 29 Canadian Forest Service Records, RG 39 Geological Survey of Canada Records, RG 45 Department of Defence Production Records, RG 49 Office of the Auditor General Records, RG 58 Immigration Branch Records, RG 76 Defence Construction (1951) Limited Records, RG 83 Department of Northern Affairs Records, RG 85 </p>
--

RG	Series	Vol.	File #	Contents	Dates
2		1899		Canadianization of the Dew Line	10/8/1958
2	A-5-a	2655		Continental defence; distant early warning line	8/11/1954
2	A-5-a	2655		Continental defence; distant early warning line	8/18/1954
2	A-5-a	2656		Cabinet Defence Committee; Distant Early Warning Line; report by Secretary of State for External Affairs	11/18/1954
2	A-5-a	2658		Distant Early Warning system; responsibility for manning and operation	7/6/1955
2	A-5-a	2744		Distant Early Warning Line control stations - Manning by RCAF personnel	1/6/1959
2		2744		Remission of duty on United States equipment for the DEW Line	4/7/1959

RG	Series	Vol.	File #	Contents	Dates
2		2747		Installation of additional air navigation aid at stations on the DEW Line (d) Pearkes (Miller) - O'Hurley (Golden) - Green (Robertson) - August 12	8/11/1960
2	A-5-a	6177		Distant Early Warning Line	10/30/1961
2		6253		Deactivation of DEW line sites	6/25/1963
2		6321		Operating arrangements - DEW Line	6/28/1966
2	A-5-a	6340		Operating arrangements - DEW Line	2/20/1969
12		654	14-13-9-9 pts.1-2	JOINT U.S.A. AND CANADA DEFENCE - RADAR - DISTANT EARLY WARNING LINE - PURCHASE AND TOWING L.O.T.'S FROM UK. AND OTHER COUNTRIES FOR USE ON SEA - SUPPLY OF DEW LINE STATIONS - - Parts: 1=1957-1958 2=1958	1957-58
12		2357	14-13-11	JOINT U.S.A. AND CANADA DEFENCE - RADIO - POLICY REGARDING LICENSING OF AMATEUR RADIO STATIONS AT DEW LINE	1955-1961
12		2406	14-13-9-1 Pts.1-2	JOINT U.S.A. AND CANADA DEFENCE - RADAR - DISTANT EARLY WARNING LINE - GENERAL -- 1=1954-1955 2=1955	1954-1955
12		2407	14-13-9-1 Pts.3-8	JOINT U.S.A. AND CANADA DEFENCE - RADAR - DISTANT EARLY WARNING LINE - GENERAL -- Parts: 3=1954-1955 4=1956 5=1956-1957 6=1957-1959 7=1957-1962 8=1962-1969	1955-1969
12		2408	14-13-9-1 Pt.9	JOINT U.S.A. AND CANADA DEFENCE - RADAR - DISTANT EARLY WARNING LINE - GENERAL -- Parts: 9=1969-1970	1969-1970
12		2408	14-13-9-5 Pts.1-7	JOINT U.S.A. AND CANADA DEFENCE - RADAR - DISTANT EARLY WARNING LINE - TELECOMMUNICATIONS -- Parts: 1=1955 2=1955 3=1955-1956 4=1956-1957 5=1957-1958 6=1958-1960 7=1960-1967	1955-1967

RG	Series	Vol.	File #	Contents	Dates
12		2409	14-13-9-8 Pts.1-6	JOINT U.S.A. AND CANADA DEFENCE - RADAR - DISTANT EARLY WARNING LINE - MARINE TRANSPORTATION OF SUPPLIES AND EQUIPMENT -- Parts: 1=1954- 1955 2=1955-1956 3=1956 4=1956- 1957 5=1957-1958 6=1958-1959	1954-1959
12		2410	14-13-9-8 Pt.7	JOINT U.S.A. AND CANADA DEFENCE - RADAR - DISTANT EARLY WARNING LINE - TELECOMMUNICATIONS -- Parts: 7=1959-1960	1959-1960
12		2799	6758-2270 pt.1	ATMOSPHERIC ENVIRONMENT SERVICE - METEOROLOGICAL SERVICES - WEATHER STATIONS - INSPECTOR REPORTS - DEW LINE STATIONS - CENTRAL SECTOR -- Parts: 1=1963-1971	1963-1971
12		2799	6758-2271 pt.1	ATMOSPHERIC ENVIRONMENT SERVICE - METEOROLOGICAL SERVICES - WEATHER STATIONS - INSPECTION REPORTS - DEW LINE STATIONS - EASTERN SECTOR Parts: 1=1959-1972	1959-1972
12		2806	6754-2048 pt.3	ATMOSPHERIC ENVIRONMENT SERVICE - METEOROLOGICAL SERVICES - WEATHER STATIONS - ESTABLISHMENT AND OPERATION - DEW LINE STATIONS Parts: 3=1961-1964	1961-1964
12		Acc.1983- 84/174, Box 15	706-10	Dew Line - Air Transportation of Supplies & Equipment	1972
12		4238		Logistics Plan - Land-Based Segment - Distant Early Warning System (DEW Line)	1955-1956
12		5083	802-5	Arctic transportation - Advisory Committee on Northern Development - Sub-Cttee. to study requests for assistance at DEW Line sites	1969-71
16	A-3	789	A-7662-2	Distant Early Warning System	1956-1958
18		Acc.1985- 86/048, box 35	G-825-11	[from Neufeld]	1958
18		Acc.1985- 86/048, box 35	G-825-8-11 pt.2-3	[from Neufeld]	1958

RG	Series	Vol.	File #	Contents	Dates
18		Acc.1985-86/068, box 19	G-567-1	[from Neufeld]	1958
21		17	170.D14	DEW Coordinating Cmtee	1961-1962
22		350	87-3-1 pt.1	Advisory Cmtee on Northern Development - General	1959-1963
22		351	87-3-24 pt.10a	Report on Govt Activities in the North - ACND	1963
22		351	87-3-24 pt.10b	Report on Govt Activities in the North - ACND	1964
22		379	40-8-19	Eskimo Affairs - Committee on ...	1959-1960
22		485	40-8-1 pt.7	Conference and Committee on Eskimo Affairs	1955-1956
22		838	S87-3-1A pts.3-7	ACND - Agenda and Minutes	1954-1962
22		839	S-87-3-1A pt.7	ACND - Agenda and Minutes	n.d.
22		839	S-87-3-24 pt.1	Report on Govt Activities in the North - ACND	1954-1960
22		839	S-87-8-1 pt.1	Security Panel - Canada-US Defence Arrangements	1943-1949
22		839	S-87-8-1 pt.2	Security Panel - Canada-US Defence Arrangements	1949-1954
22		853	22-2-17b	Northern Housing Requirements	1960-1963
22		853	22-4-12	G.W. Rowley	1953-1963
22		860	40-2-2a pt.1	Central Arctic Patrol	1955-1958
22		864	40-2-132 pt.2	Working Group on Northern Eskimo Problems	1956-1961
22		869	40-8-10	Accommodation for Eskimos	1958-1961
22		872	40-10-6a	Annual Reports - NWT	1953-1962
22		920	22-2-3 pt.8	Northern Housing Committee	1964-1968
22		1223	40-10-1a	Agenda Minutes - NWT Council - Votes and Proceedings - Debates	1953-1962
24		21412	CSC 1853:11	Economic Development of Northern Canada	
24	B-1	21421	CSC 1855:5 Pts.1-4	Continental Air Defence Of North America - Distant Early Warning Line - - Parts: 1=1954/07/08-1955/09/27 2=1955/09/27-1956/10/15 3=1956/12/17-1961/01/27 4=1961/04/19-1964/10/02	1954-1964
24	B-1	21421	CSC 1855:5	Continental Air Defence Of North America - Distant Early Warning Line (Top Secret Only)	1954-1957
24	B-1	21422	CSC 1855:5:1	Distant Early Warning Line - Coordinating Committee - Minutes And Reports	1955-1963

RG	Series	Vol.	File #	Contents	Dates
24	G-8-5-2	22364	S-CDA-1660-67	Tactical Operations & Projects - Distant Early Warning Line	1955-1957
24	D-1-c	8159	1660-67 pt.1-3	Tactical Operations and Projects - DEW Line - Supply Arctic Operations. Parts: 1=1953-1954 2=1955 3=1955	1953-1955
24	D-1-c	8160	1660-67 pt.4-8	Tactical Operations and Projects - DEW Line - Supply Arctic Operations. Parts: 4=1955 5=1955-1956 6=1956 7=1957 8=1957	1955-1957
24	D-1-c	8161	1660-67 pt.9-10	Tactical Operations and Projects - DEW Line - Supply Arctic Operations. Parts: 9=1957 10=1957	1957
24	E-1-c	17646	035-100-80/9	Customs - Import and export - Distant Early Warning (DEW) line	1954-1961
24	E-1-c	17726	810-100-80/9 pts. 1-2-3	Reports and returns - DEW line	1953-1956
24	E-1-c	17727	810-100-80/9 pts. 4-5-6-7	Reports and returns - DEW line	1956-1962
24	E-1-c	17826	840-100-80/9	Conferences, conventions, meetings - DEW Line	1956-1962
24	E-1-c	17872	870-80/9	Orders, instructions, directives - Distant Early Warning (DEW) Line	1960
24	E-1-c	17962	916-80/9	Meteorological services - Distant Early Warning (DEW) Line	1956-1961
24	E-1-c	17963	916-100-80/9	Meteorological services - Distant Early Warning (DEW) Line	1954-1961
24	E-1-c	17975	930-80/9	Chaplain services - Distant Early Warning (DEW) Line	1957-1962
24	E-1-c	17984	935-100-80/9	Postal services - Distant Early Warning (DEW) Line	1954-1964
24	E-1-c	18008	950-80/9	Telecommunications services - Distant Early Warning (DEW) Line	1955-1959
24	E-1-c	18011	950-100-80/9	Telecommunications services - Distant Early Warning (DEW) Line	1952-1963
24	E-1-c	18047	952-100-80/9	Telecommunications services - Communications - Radio - Distant Early Warning (DEW) Line	1955-1960
24	E-1-c	18057	953-100-80/9	Telecommunications services - Landlines - Distant Early Warning (DEW) Line	1955-1964
24	E-1-c	18073	955-111-80/9	Telecommunications services - Radar - Radar Improvement Programme (RIP) - Distant Early Warning (DEW) Line	1958-1961
24	E-1-c	18118	976-100-80/9	Search and rescue - Distant Early Warning (DEW) Line	1955-1959
24	E-1-c	18139	981-100-80/9	Operational requirements - Distant Early Warning (DEW) Line	1954-1962

RG	Series	Vol.	File #	Contents	Dates
24	E-1-c	18169	990-1-80/9	Security service - Policy - Distant Early Warning (DEW) Line	1955-1963
24	E-1-c	18170	990-2-80/9	Security - Generally - Distant Early Warning (DEW) Line	1954-1965
24	E-1-c	18171	990-101-80/9	Security service - Distant Early Warning (DEW) Line	1954-1959
24	E-1-c	18171	990-102-80/9	Security service - Generally - Distant Early Warning (DEW) Line	1954-1965
24	E-1-c	21929	10-80/9 pts.1-3	Buildings, Aerodromes, Grounds and Utilities - Distant Early Warning (DEW) Line - Parts: 1=1953/09/22-1956/11/26 2=1956/11/19-1958/05/20 3=1958/03/21-1960/11/07	1953-60
24	E-1-c	21930	10-80/9 Pts.4-10	Buildings, Aerodromes, Grounds and Utilities - Distant Early Warning (DEW) Line - 4=1956/11/26-1959/06/30 5=1959/06/29-1960/05/27 6=1960/04/25-1960/07/22 7=1960/06/14-1961/08/29 8=1959/10/16-1962/04/27 9=1962/04/24-1962/10/20 10=1962/10/10-1963/05/28	1956-1963
24	E-1-c	21931	10-80/9 Pts.11-12	Buildings, Aerodromes, Grounds and Utilities - Distant Early Warning (DEW) Line -- Parts: 11=1963/05/24-1964/02/26 12=1964/03/03-1964/12/22	1963-1964
24	C-1	Acc.1983-84/215, Box 224	S-2001-91/D13 Pt.1	Organization & Administration - Operation Dew Line	1954-1955
24	C-1	Acc.1983-84/215, Box 224	S-2001-91/D13 Pt.2	Organization & Administration - Operation Dew Line	1955-1956
24	C-1	Acc.1983-84/215, Box 224	S-2001-91/D13 Pt.3	Organization & Administration - Operation Dew Line	1956
24	C-1	Acc.1983-84/215, Box 224	S-2001-91/D13 Pt.4	Organization & Administration - Operation Dew Line	1956-1958
24	C-1	Acc.1983-84/215, Box 224	S-2001-91/D13 Pt.5	Organization & Administration - Operation Dew Line	1956-1959
24	C-1	Acc.1983-84/215, Box 224	S-2001-91/D13 Pt.6	Organization & Administration - Operation Dew Line	1956-1963
24	C-1	Acc.1983-84/215, Box 224	S-2001-91/D13 Pt.7	Organization & Administration - Operation Dew Line	1963-1965

RG	Series	Vol.	File #	Contents	Dates
24		Acc.1983-84/167, Box 615 1	0015-80/9	Equipment & Supplies - Disposal - Dew Line	1963-1965
24		Acc.1983-84/167, Box 692 2	2-320-36	Civilian Personnel - Indian & Eskimo employment - DEW Line	1958-1964
24		Acc.1983-84/048, Box 6104	0000-80/9	Equipment & Supplies - Distant Early Warning Line	1962-1963
24	E-1-c	Acc.1983-84/049, Box 102	096-80/9	Planning - Dew Line	1955-1957
24	E-1-c	Acc.1983-84/049, Box 105	096-100-80/9 Pt.1	Planning - Dew Line	1954
24	E-1-c	Acc.1983-84/049, Box 105	096-100-80/9 Pt.2	Planning - Dew Line	1955
24	E-1-c	Acc.1983-84/049, Box 105	096-100-80/9 Pt.3	Planning - Dew Line	1955
24	E-1-c	Acc.1983-84/049, Box 105	096-100-80/9 Pt.4	Planning - Dew Line	1955
24	E-1-c	Acc.1983-84/049, Box 105	096-100-80/9 Pt.5	Planning - Dew Line	1956
24	E-1-c	Acc.1983-84/049, Box 105	096-100-80/9 Pt.6	Planning - Dew Line	1957-1960
24		Acc.1983-84/049, Box 123	096-117-80/9 Pt.1	Planning - Early Warning Line Extensions - Dew Line	1956-1959
24		Acc.1983-84/049, Box 123	096-117-80/9 Pt.2	Planning - Early Warning Line Extensions - Dew Line	1961
24		Acc.1983-84/049, Box 141	200-100-80/9	Finance & Accounting - Dew Line	1955-1964
24		Acc.1983-84/049, Box 190	216-80/9 Pt.1	Finance Agreement & Adjustments - Re Joint Operation of Units - Distant Early Warning Line	1955-1961
24		Acc.1983-84/049, Box 190	216-80/9 Pt.2	Finance Agreement & Adjustments - Re Joint Operation of Units - Distant Early Warning Line	1961-1964
24		Acc.1983-84/049, Box 190	216-100-80/9	Finance & Accounting - Financial Agreement & Adjustment - Re Joint Operation of Units - Dew Line	1955-1956

RG	Series	Vol.	File #	Contents	Dates
24		Acc.1983-84/049, Box 271	300-100-80/9 Pt.1	Personnel - Dew Line	1955-1957
24		Acc.1983-84/049, Box 271	300-100-80/9 Pt.2	Personnel - Dew Line	1957-1960
24		Acc.1983-84/049, Box 271	300-100-80/9 Pt.3	Personnel - Dew Line	1960-1964
24		Acc.1983-84/049, Box 271	300-100-80/9 Pt.4	Personnel - Dew Line	1964-1965
24		Acc.1983-84/049, Box 272	300-114-80/9 Pt.1	Personnel - General - Employment of Eskimos - Dew Line	1956-1959
24		Acc.1983-84/049, Box 272	300-114-80/9 Pt.2	Personnel - General - Employment of Eskimos - Dew Line	1958-1964
24		Acc.1983-84/049, Box 360	325-80/9	Pay & Allowances - Dew Line	1957-1960
24		Acc.1983-84/049, Box 362	325-100-80/9	Pay & Allowances - Dew Line	1958
24		Acc.1983-84/049, Box 921	500-80/9	Transportation - Generally - Dew Line	1956-1962
24		Acc.1983-84/049, Box 922	500-100-80/9	Transportation - Generally - Dew Line	1954-1956
24		Acc.1983-84/049, Box 940	510-100-80/9	Transportation - By Land - Generally - Dew Line	1955-1964
24		Acc.1983-84/049, Box 942	520-80/9 pt.1	Transportation - By Water - Generally - Dew Line	1957-1961
24		Acc.1983-84/049, Box 942	520-80/9 pt.2	Transportation - By Water - Generally - Dew Line	1963
24		Acc.1983-84/049, Box 943	520-100-80/9 Pt.1	Transportation - By Water - Generally - Dew Line	1954-1955
24		Acc.1983-84/049, Box 943	520-100-80/9 Pt.2	Transportation - By Water - Generally - Dew Line	1956
24		Acc.1983-84/049, Box 943	520-100-80/9 Pt.3	Transportation - By Water - Generally - Dew Line	1956

RG	Series	Vol.	File #	Contents	Dates
24		Acc.1983-84/049, Box 943	520-100-80/9 Pt.4	Transportation - By Water - Generally - Dew Line	1955-1957
24		Acc.1983-84/049, Box 943	520-100-80/9 Pt.5	Transportation - By Water - Generally - Dew Line	1957
24		Acc.1983-84/049, Box 955	530-80/9 Pt.1	Transportation - By Air - Generally - Dew Line	1955-1960
24		Acc.1983-84/049, Box 955	530-80/9 Pt.2	Transportation - By Air - Generally - Dew Line	1960-1961
24		Acc.1983-84/049, Box 955	530-80/9 Pt.3	Transportation - By Air - Generally - Dew Line	1961-1965
24		Acc.1983-84/049, Box 955	530-100-80/9 Pt.1	Transportation - By Air - Generally - Dew Line	1955-1956
24		Acc.1983-84/049, Box 955	530-100-80/9 Pt.2	Transportation - By Air - Generally - Dew Line	1956-1964
24		Acc.1983-84/049, Box 1043	600-80/9	Civilian Employees - Dew Line	1958-1961
24		Acc.1983-84/049, Box 1052	C-600-100-80/9	Civilian Employees - Dew Line	1957-1958
24		Acc.1983-84/049, Box 1126	700-80/9	Medicine, Hygiene, Sanitation - Dew Line	1956-1962
24		Acc.1983-84/049, Box 1126	C-700-100-80/9	Medicine, Hygiene, Sanitation - Dew Line	1959
24		Acc.1983-84/049, Box 1238	1016A-80/9	Mobile Equipment - Dew Line	1957-1961
24		Acc.1983-84/049, Box 1388	1900-80/9 Pt.1	Equipment & Supplies - Dew Line	1955-1958
24		Acc.1983-84/049, Box 1388	1900-80/9 Pt.2	Equipment & Supplies - Dew Line	1958
24		Acc.1983-84/049, Box 1388	1900-80/9 Pt.3	Equipment & Supplies - Dew Line	1959-1962
24		Acc.1983-84/049, Box 1392	1900-100-80/9	Equipment & Supplies - Distant Early Warning Line	1955-1956

RG	Series	Vol.	File #	Contents	Dates
24		Acc.1983-84/049, Box 1504	1903-80/9	Equipment & Supplies - Issue, Loan & Rental Out - Distant Early Warning Line	1955-1957
24		Acc.1983-84/049, Box 1505	1903-100-80/9	Equipment & Supplies - Issue, Loan & Rental Out - Distant Early Warning Line	1955-1956
24		Acc.1983-84/049, Box 1562	1915-80/9	Equipment & Supplies - Dew Line	1951-1962
24		Acc.1983-84/049, Box 1563	1915-100-80/9	Equipment & Supplies - Disposal - Distant Early Warning Line	1956-1958
24		Acc.1983-84/049, Box 1666	1950-80/9	Telecommunication Equipment - Dew Line	1955-1960
24		Acc.1983-84/049, Box 1693	1950-100-80/9	Telecommunications Equipment - Distant Early Warning Line	1954-1959
24		Acc.1983-84/167, Box 6051	0015-80/9	Equipment & Supplies - Disposal - DEW Line	1963-1965
24		Acc.1983-84/167, Box 6511	2300-80/9	Motor Vehicles, Trailers & Cycles - Dew Line	1963
24		Acc.1983-84/167, Box 6592	C-2-70-99	DEW Co-Ordinating Committee - Admin	1955-1960
24		Acc.1983-84/167, Box 6592	S-2-70-99-5 Pt.1	DEW Co-Ordinating Committee - Progress Reports on DEW Line	1955-1962
24		Acc.1983-84/167, Box 6592	S-2-70-99-5 Pt.2	DEW Co-Ordinating Committee - Progress Reports on DEW Line	1962-1964
24		Acc.1983-84/167, Box 6592	S-2-70-99-1 Pt.1	DEW Co-Ordinating Committee - Agenda and Minutes	1955-63
24		Acc.1983-84/167, Box 6592	S-2-70-99-1 Pt.2	DEW Co-Ordinating Committee - Agenda and Minutes (12 Jun 63)	1963
24		Acc.1983-84/167, Box 6903	2-300-11	Civilian Personnel - Dew Line Personnel	1961
24		Acc.1983-84/167, Box 5691	S-5310-91/D13	Mapping & Charting - Operation Dew Line	1954-1961
24	E-1-c	Acc.1983-84/216, Box 3061	895-80/9 Pt.1	Organization & Establishment - DEW Line	1957-1959

RG	Series	Vol.	File #	Contents	Dates
24	E-1-c	Acc.1983-84/216, Box 3061	895-80/9 Pt.2	Organization & Establishment - DEW Line	1960-1961
24	E-1-c	Acc.1983-84/216, Box 3061	895-80/9 Pt.3	Organization & Establishment - DEW Line	1961-1964
24		Acc.1983-84/216, Box 2521	HQ-S-801-100-D103	Committees - DEW Line Phasing Group	1956
24		Acc.1983-84/216, Box 2521	HQ-S-801-100-D103-1	Committees - DEW Line Phasing Group - Minutes & Agenda	1955-1956
24		Acc.1983-84/216, Box 2849	HQ-871-34.00/271	RCAF Medical Services - Indians & Eskimo	1956-1965
24		Acc.1983-84/216, Box 2858	871-55.00/23	Air Force Administrative Orders - Flying - RCAF Aircraft Landing at Distant Early Warning (DEW) Line Strips	1959-1966
24		Acc.1983-84/216, Box 3116	S-895-100-80/9 Pt.1	Organization & Establishment - DEW Line	1954-1955
24		Acc.1983-84/216, Box 3116	S-895-100-80/9 Pt.2	Organization & Establishment - DEW Line	1956-1959
24		Acc.1983-84/216, Box 3116	S-895-100-80/9 Pt.3	Organization & Establishment - DEW Line	1958-1959
24		Acc.1983-84/216, Box 3116	S-895-100-80/9 Pt.4	Organization & Establishment - DEW Line	1959
24		Acc.1983-84/216, Box 3116	S-895-100-80/9 Pt.5	Organization & Establishment - DEW Line	1960-1963
24		Acc.1983-84/216, Box 3116	S-895-100-80/9 Pt.6	Organization & Establishment - DEW Line	1963-1965
24		Acc.1983-84/216, Box 3542	960-80/9	Operations - DEW Line	1955-1962
24	E-1-c	Acc.1983-84/216, Box 3742	HQ-081-209-8-5	QR(Air) - Development & Amendments - Transportation & Travelling Entitlements - Dependents - DEW Line	1957
24		Acc.1983-84/232, Box 329	7940-2-T98/1	Utility Agreements - Electricity - Tuktoyaktuk, NWT - DEW Line Radar	1972-1973

RG	Series	Vol.	File #	Contents	Dates
24		Acc.1983-84/232, Box 336	7980-T98/1	Water, Sewage & Drainage Systems - Tuktoyaktuk, NWT - DEW Line Radar	1973
24	F-1	24032	3800-20-3	Target detection - Warning - Distant early warning (DEW) line	1955-1967
25	A-3-b	5925	50210-C-40 pts.1.1-1.2	Canada-US radar defence system - Distant Early Warning Line -- Parts: [1.1=1954/06/04-1954/10/25] [1.2=1954/10/26-1954/11/15]	1954
25	A-3-b	5926	50210-C-40 pts.2.1-5.2	Canada-US radar defence system - Distant Early Warning Line -- Parts: [2=1954/11/15-1954/12/10] [2.1=1954/11/16-1955/01/21] [2.2=1954/12/13-1955/01/28] [3.1=1955/02/01-1955/04/29] [3.2=1955/03/02-1955/04/29] [4.1=1955/03/29-1955/07/14] [4.2=1955/05/31-1955/07/15] [5.1=1955/07/11-1955/11/03] [5.2=1955/07/14-1955/11/30]	1954-1955
25	A-3-b	5928	50210-C-40 pts.6.1-10.1	Canada-US radar defence system - Distant Early Warning Line --Parts: [6.1=1955/12/01-1956/02/24] [6.2=1955/05/05-1956/03/29] 6-FP=1955/12/01 [7.1=1956/04/03-1956/07/12] [7.2=1956/05/28-1956/08/31] [8.1=1956/09/04-1956/10/24] [8.2=1956/10/31-1956/12/20] [9.1=1957/01/02-1957/05/29] [9.2=1957/05/30-1957/10/31] [10.1=1957/11/08-1958/10/29]	1955-1958
25	A-3-b	5929	50210-C-40 pts.10.2-12.2	Canada-US radar defence system - Distant Early Warning Line --Parts: [10.2=1958/08/15-1959/06/30] [11.1=1959/07/21-1961/04] [11.2=1960/06/17-1961/07/20] [12.1=1961/08/01-1963/01/23] [12.2=1954/07/05-1963/07/26]	1954-1963
25	A-3-b	5929	50210-C-40 Pts.FP.1-FP.3	Canada-US radar defence system - Distant Early Warning Line -- Parts: [FP.1=1955/05/05-1956/09/24] [FP.2=1955/09/09-1958/11/03] [FP.3=1953/10/09-1959/10/10]	1953-1959
25	A-3-b	5929	50210-C-1-40 Pt.1	Taking over by Canada of DEW Line facilities (DOT) - Civilian maintenance of airstrips etc.	1958-1959

RG	Series	Vol.	File #	Contents	Dates
25	A-3-c	10364	27-14-8 Pt.1-5	Defence - Air Defence Systems - DEW Line = Defense - Systeme de defense aerienne - Ligne DEW -- Parts: 1=1963/10/15-1967/07/27 2=1967/08/01-1969/11/28 3=1970/01/06-1972/05/29 4=1972/06/02-1977/07/15	
25	B-2	3095		Exchange of notes governing the establishment of a distant early warning system in Canadian territory	1959
27		1880	761:329:64	Federal Electric Corporation Paramus, N.J., (Dew Line Operations, Canada) and Local 2085, International Brotherhood of Electrical Workers	1964-1965
29		2873	851-1-10 Pt.1	Distant Early Warning Line (DEW Line) - Parts: 1=1955/02-1958/11	1955-1958
29		2874	851-1-10 Pts.2-3	Distant Early Warning Line -- Parts: 2=1956/02-1961/12 3=1961/11-1974/01	1956-1974
39	A	Acc.1994-95/769, Box 83	3000-3	Equipment and Supplies - General - Request for Dew Line Assistance	1980-1983
39	A	Acc.1994-95/769, Box 83	3000-4	Equipment and supplies - General - Request for Dew Line Assistance - Requirements at Joint Weather Stations	1980-1982
39	A	Acc.1994-95/769, Box 83	3000-19	Equipment and Supplies - General - Request for Dew Line Assistance - DSS Annual Briefing to Canadian Electronics Industry	1978-1982
45		357	1371-50/N18-A	Liaison and Cooperation - Federal Government Departments - National Defence Department - Status of Intermediate DEW Line Sites	1968
45		373	4701-4	Material Management -- DEW Line Sites	1972-1973
58	C-1	260	3999-1959-DDP-001	HISTORICAL FILES FROM 1974 AND PRIOR MISCELLANEOUS FILES-DDP/DND (AVIATION) RCAF - DISTANT EARLY WARNING LINE (1955-59)	1955-1959
76	B-2	955	SF-M-8	Military Installations in Canada by the United States Army and Civilian Personnel	1958-1973
85	D-1-A	1221	530-75-1-1	22-Jun-04	1960-1961
85	D-1-A	1223	593-13	Liquor Licences - Federal Electric Co (Dew Line Sites) NWT	1956-1958

RG	Series	Vol.	File #	Contents	Dates
85	D-1-A	1340	680-4-1 pt.2	Training of Eskimos for Dew Line Work (Edmonton or Leduc Course)	1957
85	D-1-A	1340	680-4-1 pt.7	Training of Eskimos for Dew Line Work (Edmonton or Leduc Course)	1958-1959
85	D-1-A	1359	207-3 Pt.5	Eskimo Housing - Dew Line	1960
85	D-1-A	1360	207-3 Pt.6-7	Eskimo Housing - Dew Line -- Parts: 6=1960-1961 7=1961-1962	1960-1962
85	D-1-A	1360	207-4 pt.1	Lodging and Board for Eskimos - Dew Line	1957-1962
85	D-1-A	1360	207-5 pt.2	Eskimo Welfare - Dew Line	1960-1963
85	D-1-A	1360	207-6	N.S.O. Monthly Report - Dew Line (Eastern End)	1960-1962
85	D-5-a	1654	NR 2/3-3	Northern Research Coordination Centre - Research projects - J.D. Ferguson - Study of effect of DEW Line on Eskimos of the western Arctic	1955-1958
85		1660	NR4/3-3, Pt. 1		
85		376	1009-3 pt.6	ACND - Govt Activities - Revised Report for 1954	1954
85		377	121-1-3 pt.1	Minister's Handbook - Memos, Various Matters, Northern Admin	1959-1960
85		411	680-4 pt.2	Training of Eskimos for DEW Line work	1957
85		411	680-4-2 pt.1	Course of trng of Eskimos for DEW Line work - Devon, AB	1957
85		414	1009-3 pt.7	ACND (encl.)	1955
85		415	1009-7 pt.2	Meetings - Deputy minister and directors	1953-1954
85		463	680-4 pt.2	Training of Eskimos for DEW Line work	1957-1958
85		478	207-3 pt.1	Housing for Eskimos employed on the DEW Line	1957-1958
85		478	207-3 pt.2	Housing for Eskimos employed on the DEW Line	1958
85		506	680-4-2	Training Eskimos for DEW Line work - Devon, AB	1957
85		509	1009-3 pt.11	ACND (encl.)	1958-1959
85		510	1009-3 pt.11	Govt Activities in the North	1956
85		510	1009-3 pt.11	Govt Activities in the North	1959
85		632	201-1 pt.39	Arctic Inspections	1959
85		632	207-3 pt.3	Eskimo Housing - DEW Line	1958-1959
85		632	207-3 pt.4	Eskimo Housing - DEW Line	1959-1960
85		647	1003-11 pt.2	DND	1958-1959
85		651	1009-3-1 pt.1	ACND Sub-cmtee on Northern Development	1952
85		651	1009-3-5 pt.1	ACND Sub-cmtee on Admin (Eskimo Policy, DEW, etc.)	1953-1955

RG	Series	Vol.	File #	Contents	Dates
85		653	1012-9 pt.2	Eskimo Affairs Committee	1959
85		674	A207-2 pt.1	Eskimo Employment – DEW Line	1956-1958
85		674	A207-2 pt.2	Eskimo Employment – DEW Line	1958-1959
85		674	A207-2 pt.3	Eskimo Employment – DEW Line	1959
85		674	A207-5		
85		687	A-680-4	Training of Eskimos for DEW Line Work – general file	
85		743	1012-1 pt.2	Administration of Eskimo Affairs	1953-1954
85		744	A-207-2 pt.4	Eskimo Employment – DEW Line	1960
85		744	A-207-3 pt.1	DEW-Eskimo Housing	1960-1961
85		745	A-207-5 pt.1	Eskimo Welfare	1957-1961
85		1931	A207-2 pt.6	Eskimo Employment – DEW Line	1961-1963
85		1931	A207-3 tp.2	Eskimo Housing (DEW Line)	1962-1963
85		1933	A251-2-71 pt.1	Eskimo Loan re: low-cost housing	1961-1963
85		1946	A-501-1 pts.1-2	Settlement Surveys - Economic Conditions	1961-64
85		2113	DEW Line	DEW Line	
85		2157	1009-3 pt.15	ACND	1962-1963
85		2271	A1009-11 pt.1	DEW Line - Secret	1954-1955
85		2271	A1009-11 pt.2	DEW Line - Secret	1955
85		2271	A1009-11 pt.3	DEW Line - Secret	1955
85		2271	A1009-11 pt.4	DEW Line - Secret	1955
85		2272	A1009-11 pt.5	DEW Line - Secret	1955
85		2272	A1009-11 pt.6	DEW Line - Secret	1955
85		2272	A1009-11 pt.7	DEW Line - Secret	1955
85		2272	A1009-11 pt.8	DEW Line - Secret	1955
85		2272	A1009-11 pt.9	DEW Line - Secret	1955
85		2272	A1009-11 pt.10	DEW Line - Secret	1955
85		2273	A1009-11 pt.11	DEW Line - Secret	1956
85		2273	A1009-11 pt.12	DEW Line - Secret	1956
85		2273	A1009-11 pt.13	DEW Line - Secret	1956
85		2273	A1009-11 pt.14	DEW Line - Secret	1956
85		2273	A1009-11 pt.15	DEW Line - Secret	1956
85		2273	A1009-11 pt.16	DEW Line - Secret	1956
85		2273	A1009-11 pt.17	DEW Line - Secret	1956
85		2274	A1009-11 pt.18	DEW Line - Secret	1957
85		2274	A1009-11 pt.19	DEW Line - Secret	1957
85		2274	A1009-11 pt.20	DEW Line - Secret	1957
85		2274	A1009-11 pt.21	DEW Line - Secret	1957-1958
85		2274	A1009-11 pt.22	DEW Line - Secret	1958

RG	Series	Vol.	File #	Contents	Dates
85		Acc.1985-86/220, Box 3	A207-1 vol.2	DEW Line	1961
85		Acc.1985-86/220, Box 3	A207-1 vol.6	DEW Line Project	1967-1969
85		Acc.1985-86/220, Box 3	A207-3 vol.5	DEW Line Project, Housing - Eskimos	1968-1970
85		Acc.1985-86/220, Box 3	A207-6 vol.1	DEW Line Project, NSO - Monthly Report	No dates
85		Acc.1992-93/026, Box 2	A1003-11 vol.3	DND	1967-68
85		Acc.1992-93/026, Box 2	A-1003-16 vol.1	DND	1962
85		Acc.1995-96/310, Box 72	A 1009-11 (N.S.) vol.23	Distant Early Warning Line project (DEW line in Canadian arctic)	1959-1960
85		Acc.1995-96/310, Box 72	A 1009-11 (N.S.) vol.24	Distant Early Warning Line project (DEW line in Canadian arctic)	1960-1968
85		Acc.1995-96/310, Box 73	A 1009-11 (N.S.) vol.24	Distant Early Warning Line project (DEW line in Canadian arctic)	1960-1968
85	D-1-A	Acc.1997-98/076, Box 6	207-3 Pt.8	Eskimo Housing - Dew Line	1962-1964
85	D-1-A	Acc.1997-98/076, Box 6	207-3 Pt.9	Eskimo Housing - Dew Line	1964-1967
85		Acc.1997-98/076, Box 10	251-3-18 vol.12	Experimental housing for Eskimos	1965
85		Acc.1997-98/076, Box 10	251-3-18 vol.16	Experimental housing for Eskimos	1966
85	D-1-A	Acc.1997-98/076, Box 122	593-13 Pt.4	Liquor Licences - Federal Electric (DEW Line Sites) NWT	1962-1967
97		98	5075-19-1	TELEPHONE, TELEGRAPH AND CABLES - USE OF MILITARY CIRCUITS FOR CIVIL PURPOSES - DEW LINE MILITARY CIRCUITS	1955-1959

RG	Series	Vol.	File #	Contents	Dates
134	1-a	42	4-6-D Pts.5-6	Northern Transportation Company Limited - Federal Government - Dew Line -- Parts: 5=1958-1968 6=1969-1973	1958-1973
134	1-b	72	Northern Transportation Company Limited - After Action Reports - Dewline Supply, Distant Early Warning Centre Section - For the years 1959-1964		1959-1964
145		205	766:1568:64	International Brotherhood of Electrical Workers, Local Union No. 2085, Applicant - and TransAir Limited, Winnipeg, Man., Respondent (Pilots - Dew Line Division) - (Cross reference: 766:1225:61)	1964-1965

Manuscript Collections

William Henry Stuart fonds

2.1 m of textual records.
1939-1964.

W.H Stuart was born in Cheltenham, England on 2 August 1884. His family moved to Canada and he attended schools in Toronto and Winnipeg. He studied arts and engineering for a number of terms at the University of Minnesota 1905-08 and 1914-15 but did not obtain a degree. He worked his way up from rodman to resident engineer on the Grand Trunk Pacific's Edmonton to Prince Rupert railway line 1905-1914. Stuart served in the 2nd Canadian Tunnelling Company during the First World War. After the war, he returned to railway engineering with Canadian National Railways in Winnipeg. In 1926 he moved to Montreal to become superintendent of facilities for CNR Hotels and worked on projects such as Jasper Park Lodge and the Nova Scotia Hotel. In 1938-39 he was a contractor on construction work for national parks in PEI and Cape Breton. He joined the RCAF in 1940 as an engineer and became manager of the Stanley Flying Training School of the British Commonwealth Air Train Plan near Windsor NS.

After the war Stuart became deputy minister of Highways and Public Works for the Nova Scotia government but soon transferred to Industry and Publicity. In 1947 he became an assistant manager for Fred Mannix Co., a prominent western Canadian contractor. In 1955 he investigated problems with highway contracts in the Fort William (Thunderbay) Ontario area. He was then a manager with the Foundation Co. of Canada working on the DEW (Distant Early Warning) Line on Baffin Island. Afterwards he was head of the New York office of A.D. Margison Co. for the construction of the North Bay ON underground headquarters for the SAGE continental defence project 1958-60. Stuart retired to Vancouver and he died in Victoria BC in 1964.

Fonds consists of business and personal correspondence, 1939-1964, 0.1 m; reports, memoranda and notes relating to the construction of SAGE sites, Ontario highway contracts, and the Columbia River Project, 1940-1960, 0.2 m; newspaper and magazine clippings, 1960-1963, 0.1 m; and notebooks, 1918-1963, 1.7 m.

Sheldon Luck and Ted Beaudoin fonds

20 cm of textual records.

17 audio reels (37 h, 54 min).

31 photographs : b&w.

1911-1981.

Sheldon Luck, born in 1911 at Kingston, Ont., is a distinguished Canadian pilot who over a period of 50 years has flown 59 different aircraft types for 22 airlines. Mr. Luck has held a number of positions including Chief Pilot, Canadian Pacific Airlines; Operations Manager, DEW Line East; Operations Manager, DEW Line West; Chief of Pilot Training for La Fama, predecessor of Aerolineas Argentinas. In 1935 he became the first pilot to make a west to east night-time crossing of the Canadian Rocky Mountains. He has received a number of honours including the King's Commendation for his work in Ferry Command, 1944, the 99th Member invested into Canada's Aviation Hall of Fame, Edmonton, Companion of the Order of Icarus, Companion of Flight and Member of the Order of Polaris.

Fonds consists of papers that are a result of research conducted by Ted Beaudoin concerning the aviation career of Sheldon Luck; including typed transcripts of interviews of Sheldon Luck with a listing of key names and events, transcript, 1980; a detailed chronological compilation of relevant research data drawn from such sources as transcripts, letters, and clippings, original and photocopy, 1911-1980.

The fonds also contains recordings of oral history interviews of Sheldon Luck, and other assorted interviews by Ted Beaudoin, 1979-1981.

Also included are photographs related to the aviation career of Sheldon Luck, and the Canadian aviation industry in general, including passenger service, airmail, ferry flights, bush flying, and forest fire bombing operations, 1937-1975.

James Patrick Croal fonds

2,478 photographs : b&w and col.

1.61 m of textual records.

15 maps.

3 architectural drawings.

1 technical drawing.

2 film reels (38 min).

1917-1981.

James Patrick Croal, naval officer, Arctic specialist, was born in Galt, Ontario, 1916. He graduated from Melville College, Edinburgh, Scotland, in 1935. From 1935 to 1943 he was employed with the International Nickel Company of Canada Ltd., at Copper Cliff, Ontario, where he conducted research and worked in open pit mining. He joined the Royal Canadian Navy Volunteer Reserve in 1939 and was called to active service in 1943 as an Ordinary Seaman - Officer Candidate. He saw service in the North Atlantic in 1944 and 1945. In 1945, he was promoted to Lieutenant.

James Croal began his career as an Arctic specialist in 1945, when he was appointed Field Trials Officer for Exercise "Muskox", a 3170 mile military expedition through the Canadian Arctic in mid-winter. Croal was employed as a civilian in 1947 for the Defence Research Board's Northern Laboratory in Fort Churchill, where he was involved in the testing of vehicles, clothing and rations in an Arctic environment. In 1949, he gained a regular commission in the Royal Canadian Navy and was promoted to Lieutenant-Commander in 1950. From 1950 through 1953, James Croal served on the staff of the Assistant Chief Naval Technical Services (Works), as Co-Ordinator Naval Construction, training the first group of Army instructors in Arctic survival while coordinating the construction of barracks in the Northwest Territories. In 1954, he served aboard HMCS LABRADOR during the ship's voyage through the Northwest Passage and subsequent circumnavigation of North America via the Panama Canal.

Working with the U.S. Navy in 1955, Croal helped establish advance camps during the creation of the Distant Early Warning (DEW) Line. During 1957 and 1958, he served aboard USCGS EASTWIND as Logistics Coordinator for the Defence Research Board at Hazen Lake, North Ellesmere Island. James Croal first retired from the RCN in 1961, but was returned to service as a naval consultant on various Arctic projects, in particular aboard CCGS JOHN A. MACDONALD, where he helped to establish a station at Tanquary Fiord in 1962. After his retirement from the RCN in 1965, Croal worked for the Department of Indian Affairs and Northern Development, the Defence Research Board, the Department of the Environment, the Arctic Institute of North America, and in private and corporate consultant work as an Arctic expert and oceanographer. James Croal died in Ottawa on 13 January 1985.

Fonds consists of photographic materials, ca. 1945-1981, depicting events, activities, groups and individuals associated with the career of James Patrick Croal as an Arctic specialist serving with the Royal Canadian Navy and as an Arctic consultant with the Defence Research Board, the Department of Indian Affairs and Northern Development, the Department of the Environment, and the Arctic Institute of North America, ca. 1945-1981.

The fonds contains textual records, n.d., 1917, 1937-1980: correspondence and reports, personal and private papers and diaries, and published and unpublished scientific papers relating to the military and scientific exploration of the Arctic and to the career of James Patrick Croal.

The fonds also contains hydrographic charts, town plans, architectural drawings and a ship plan relating to the Canadian North, 1955-1974.

Gavin White fonds

181 photographs : b&w.

8 photographs : col.

1949 -1958.

Fonds consists of photographs documenting Gavin White's journeys at Clyde River and Frobisher Bay, N.W.T., 1949-1951, as a Rawinsondes operator; as a chaplain to construction camps on the eastern side of the Dew Line with the Foundation Company, 1956-1957; and at Knob Lake (now Shefferville) Quebec, 1958; voyaging aboard C.G.S. C.D. Howe and M.V. Newfoundlander; Clyde River, Frobisher Bay, Pond Inlet, Silver Lake, Cape Dyer; Hudson's Bay Company post at Clyde River and Frobisher Bay; R.C.M.P. post at Devon Island; glacier and camps at Akgoyak Kanyulku; U.S. Air Force base and R.C.A.F. North Star aircraft at Frobisher Bay; various Eskimo snowhouses and dwellings; Arctic Institute (AINA) installations; construction camps, equipment and facilities of Dept. of Transport along the Dew Line....

Additional Manuscript Groups with relevant materials:

Gordon Churchill Papers, MG32 B9

Brooke Claxton Papers, MG32 B5

Douglas Scott Harkness Papers, MG32 B19

A.D.P. Heeney Papers, MG 30 E144

C.D. Howe Papers, MG27 IIIB20

Trevor Lloyd Papers, MG 30 B97

Louis St. Laurent Papers, MG26 L



Les Callan, "Wanderer of the Wasteland." *Toronto Daily Star*, c. 1957.

Library and Archives Canada C-145585.

3.3- Department of National Defence, Directorate of History and Heritage, Ottawa, ON

Air Transport Board fonds (77/576)

2.8 m of textual records

1950-1971

The Air Transport Board was appointed in September 1944. The Board was responsible for regulating and licensing the rapidly expanding Canadian air transport industry and for advising the Minister of Transport on the most suitable ways to ensure the development of an efficient and prosperous industry. Between the years 1954 and 1971, the regulation, monitoring and awarding of contracts with Canadian commercial air carriers for the re-supply airlift operations of the DEW Line represented a small but important and controversial function of the Air Transport Board in conjunction with the Department of National Defence and the Department of External Affairs. In 1955, the Distant Early Warning Co-ordinating Committee was established in order to facilitate the co-ordination between government bodies and other agencies involved in DEW Line projects. J.R. Baldwin, Paul Y. Davoud, Gerald Morisset (1913-) and J.R. Belcher served successively as Chairmen of the Air Transport Board during the time period represented by this fonds.

Fonds consists of material maintained by the Air Transport Board and pertaining to contracts regarding airlifts of supplies to Distant Early Warning (DEW) Line sites for the fiscal years 1958-1971. The files contain information on contracts established with such companies as: CP Air (President - Richard W. Ryan), Federal Electric Corporation, Maritime Central Airways, Northern Construction Co. and J.W. Stewart, Okanagan Helicopters, Pacific Western Airlines, Western Electric Company and Wheler Airlines. A small number of files pertain to airlift operations in Korea. The fonds also contains input from the Air Industries and Transport Association of Canada. Arranged according to a block numeric subject classification system employed by the Air Transport Board.

For associated materials consult the National Archives of Canada - RG 46: Records of the Canadian Transport Commission (National Archives Finding Aid 46-49; Series 46-Airlifts (Boxes 170-178)) and RG 83: Records of Defence Construction Limited.

For related records, researchers should consult: 91/405 (General Inventory for RG 46), Kardex and Confidential Kardex and the Document Collection under Distant Early Warning Line. Researchers should also consult the Debates of the House of Commons for the years 1954-1971 for government discussion on the awarding of contracts by the Air Transport Board.

Project Manager North American Air Defence Modernization fonds (93/37)

40 cm of textual records

124 photographs; 20 slides; 1 video cassette; 1 map

1984-1993

The agreement authorizing the modernization of the North American Air Defence system was formally reached on 18 March 1985. This agreement provided for the establishment of a warning system around the perimeter of North America, capable of detecting aircraft and cruise missiles penetrating North American airspace. The North American Air Defence Modernization Project involved, among other things, the modernization of the Distant Early Warning Line (DEW Line) through the deployment of Long Range Radars and Short Range Radars. The new system was subsequently renamed the North Warning System.

Fonds consists of files (1984-1993) from the office of the Project Manager North American Air Defence Modernization. This includes reports from the Department of Indians and Northern Affairs Canada, environmental evaluations from the Monenco-Eyrettechnics Group as well as papers pertaining to the Inuit people and the administration and construction of short range radar sites, long range radar sites and the North Warning System as a whole.

Robert Lewis Raymont fonds (73/1223)

36.2 m of textual records. – 126 photographs; 1 album (132 photographs and textual documents.

1940-1981; predominant 1944-1972.

Robert Lewis Raymont, M.B.E., C.int C., Def. M., CVSM&C, W.M., C.D. (1908-) was Executive Staff Officer to the Chairman Chiefs of Staff and to the Chief of Defence Staff from 1951-1969. Born in Cardiff, Wales, Raymont was commissioned as a Second Lieutenant in the Edmonton Regiment on 6 August 1940 and served in Canada until 28 February 1942, undertaking various special duties. Serving in the U.K. from 1942 to 1947, promoted to the rank of Captain in July 1942 and Major in 1945, he commanded the Intelligence Wing of the Canadian General Reinforcement Unit and was thus responsible for the Intelligence Training in the UK. On 1 April 1947 he was appointed to carry out the duties of Secretary, Canadian Joint Liaison Staff, London, England. From 21 December 1947 to 6 January 1948, he performed the duties of Senior Canadian Army Liaison Officer. In November 1949 he returned to Canada, serving as General Staff Officer at the Directorate of Military Intelligence, Army Headquarters, with responsibility for Field Force organization and training in connection with the Canadian Intelligence Corps. On 12 February 1951 Raymont took the position of Executive Staff Officer, Office of the Chairman, Chiefs of Staff. Promoted to Acting Colonel on 16 June 1952 and Colonel on 6 August 1955, he then attended National Defence College from September 1955 to July 1956. On 15 April 1961, Raymont retired from the Canadian Army and joined the Public Service, continuing in his appointment as Executive Staff Officer to the Chairman Chiefs of Staff, and later to the Chief of the Defence Staff with the integration and unification of the Canadian Forces, beginning in 1964. In January 1969, he was appointed as Director General of Policy Control and Review. On 16 April 1973, he retired from the Public Service and became consultant to the Directorate of History on the history of the development of Canadian Defence Policy since the Second World War.

Fonds consists of material (organized by series by Raymont) which documents the activities of the Chairman, Chiefs of Staff and, after 1964, the Office of Chief of Defence Staff from 1944 to 1972. The documents relate to policy making in the Department of National Defence in connection with the North Atlantic Treaty Organization (NATO), ... Continental Defence, and other important subjects.

Series I and Series II: Official Subject Files (1944-1974)

Series I and Series II are comprised of official subject files from the Office of the Chairman, Chiefs of Staff and, after 1964, from the Office of the Chief of Defence Staff. General Charles Foulkes was Chairman from 1951 to 1960 and Air Chief Marshal Frank Miller was Chairman from 1960 to 1964. Miller continued as Chief of Defence Staff from 1964 to 1966, General J.V. Allard was Chief from 1966 to 1969 and General F.R. Sharp was Chief from 1969 to 1972. Series I (files 1-771, 3399-3400) dates from 1944 to 1970 with the bulk of the material dating from 1951 to 1964. Series II (files 801-1123, 3398) dates from 1950 to 1974 with the bulk of material dating from 1962 to 1972.

Box	File	Title	Dates	Security
200	8	Air Defence of Canada	12/28/50 – 01/29/54	Secret
1	10	Air Defence Requirements	11/30/55 – 07/29/58	Unclassified
1	11	Air Defence Requirements	07/31/58 – 09/30/58	Unclassified
1	12	Air Defence Requirements	10/28/58 – 11/09/59	Unclassified
1	13	Air Defence Requirements	12/03/59 – 05/01/60	Unclassified
1	14	Air Defence Requirements	05/02/60 – 01/31/61	Unclassified
1	15	Air Defence Requirements	12/29/60 – 05/07/63	Unclassified
58	1108	Air Defence Requirements	06/06/63 – 03/12/65	Unclassified
219	1109	Air Defence Requirements	02/15/65 – 09/14/65	Confidential
219	1110	Air Defence Requirements	03/03/65 – 05/14/72	Confidential
151	607	Annual Review	06/30/52 – 04/20/54	Unclassified
151	608	Annual Review	05/14/54 – 07/27/56	Unclassified
151	609	Annual Review	07/18/57 – 12/10/57	Unclassified
35	610	Annual Review	02/07/57 – 07/19/57	Unclassified
210	611	Annual Review	02/11/58 – 07/25/58	Confidential
35	612	Annual Review	07/25/58 – 04/21/59	Unclassified
35	613	Annual Review	07/10/59 – 12/03/59	Unclassified
35	614	Annual Review	01/20/60 – 06/02/61	Unclassified
35	615	Annual Review	06/19/61 – 04/11/62	Unclassified
35	616	Annual Review	04/26/62 – 11/18/63	Unclassified
210	617	Annual Review	12/28/64 – 06/03/65	NATO Secret
211	618	Annual Review	01/27/64 – 12/08/67	NATO Secret
211	619	Annual Review	01/18/68 – 04/23/68	Secret
151	623	Annual Review	04/12/52 – 09/22/52	Unclassified

Box	File	Title	Dates	Security
47	879	Answers to Questions by Cabinet and Public Media on NORAD July 57 – 28 May 58	07/25/57 – 05/26/58	Unclassified
58	1105	Anti-Aircraft Defence and Air Defence	05/05/54 – 11/29/57	Unclassified
58	1106	Anti-Aircraft Defence and Air Defence	06/03/58 – 09/30/68	Unclassified
211	627	BOMARC and MBI Weapon Systems	06/21/66 – 09/09/66	Confidential
35	628	BOMARC and MBI Weapon Systems	06/11/56 – 12/19/61	Unclassified
35	629	BOMARC and MBI Weapon Systems	06/11/56 – 09/21/60	Unclassified
201	40	Cabinet Conclusions	01/22/63 – 01/19/66	Secret
201	41	Cabinet Conclusions	01/25/66 – 11/23/67	Confidential
201	42	Cabinet Conclusions	12/05/67 – 10/25/68	Confidential
18	309	Cabinet Decision and Hansard References	02/20/59 – 02/26/63	Unclassified
45	827	Canada – United States Defence Planning	02/02/62 – 03/11/68	Unclassified
45	828	Canada – United States Defence Planning	01/22/63 – 10/29/63	Unclassified
201	53	Canada – United States Ministerial Committee on Joint Defence	08/27/59 – 11/09/59	Confidential
3	54	Canada – United States Ministerial Committee on Joint Defence	06/17/58 – 08/17/60	Unclassified
201	55	Canada – United States Ministerial Committee on Joint Defence	07/12/60 – 07/12/60	Confidential
3	56	Canada – United States Ministerial Committee on Joint Defence	06/01/64 – 06/23/64	Unclassified
45	830	Canada – United States Ministerial Committee on Joint Defence	04/22/64 – 06/25/64	Unclassified
151	766	Canadian Defence Policy	03/29/55 – 01/08/59	Unclassified
43	767	Canadian Defence Policy	02/05/59 – 07/14/59	Unclassified
43	768	Canadian Defence Policy	07/29/63 – 03/23/64	Unclassified
43	769	Canadian Defence Policy	03/26/64 – 11/05/67	Unclassified
44	770	Canadian Defence Policy	09/19/67 – 02/15/68	Unclassified
45	833	Canadian Defence Policy	11/05/68 – 02/20/69	Unclassified
212	834	Canadian Defence Policy	03/12/68 – 06/05/69	Secret

Box	File	Title	Dates	Security
212	835	Canadian Defence Policy	08/14/67 – 06/12/69	NATO Secret
212	836	Canadian Defence Policy	06/06/69 – 08/12/69	NATO Secret
212	837	Canadian Defence Policy	08/05/69 – 08/28/69	NATO Secret
212	838	Canadian Defence Policy	08/20/69 – 09/03/69	NATO Secret
212	839	Canadian Defence Policy	09/22/69 – 04/30/69	NATO Secret
212	840	Canadian Defence Policy	10/27/69 – 12/16/69	NATO Secret
212	841	Canadian Defence Policy	11/27/69 – 02/06/70	NATO Secret
212	842	Canadian Defence Policy	02/05/70 – 02/27/70	NATO Secret
46	843	Canadian Defence Policy	03/03/70 – 02/04/71	Unclassified
46	844	Canadian Defence Policy	02/25/70 – 03/25/71	Unclassified
213	845	Canadian Defence Policy	11/18/70 – 08/23/71	NATO Secret
45	832	Canadian Defence Policy Rationale (2 Files)	11/20/67 – 02/10/69	Unclassified
6	101	Continental Air Defence	09/17/52 – 11/04/54	Unclassified
45	822	Continental Air Defence Integration North (CADIN) – Implementation	05/19/60 – 06/01/60	Unclassified
6	89	Continental Defence	06/24/53 – 01/18/57	Unclassified
6	90	Continental Defence – Dew Line	08/20/54 – 06/22/55	Unclassified
202	91	Continental Defence – Dew Line [2 files]	07/06/55 – 04/16/60	Secret
47	871	Continental Defence – Distant Early Warning Line	01/19/61 – 03/07/69	Unclassified
213	873	Continental Defence – General	04/05/56 – 12/16/70	Confidential
6	92	Continental Defence – Mid-Canada Warning Line	08/01/51 – 07/08/57	Unclassified
6	93	Continental Defence – Mid-Canada Warning Line	11/14/57 – 12/15/58	Unclassified
47	872	Continental Defence – Mid-Canada Warning Line	12/18/58 – 03/08/65	Unclassified
5	84	Continental Defence – NORAD	02/17/56 – 08/06/57	Unclassified
5	85	Continental Defence – NORAD	08/07/57 – 12/11/57	Unclassified

Box	File	Title	Dates	Security
5	86	Continental Defence – NORAD	01/02/58 – 05/02/58	Unclassified
6	87	Continental Defence – NORAD	05/06/58 – 06/28/58	Unclassified
147	88	Continental Defence – NORAD (2 files)	1953, 1958	Unclassified
47	874	Continental Defence – NORAD	12/05/68 – 12/19/69	Unclassified
213	875	Continental Defence – NORAD	07/31/56 – 02/15/57	Secret
213	876	Continental Defence – NORAD	02/15/57 – 04/22/58	Secret
213	877	Continental Defence – NORAD – MB-1 Agreements	04/30/58 – 01/29/65	Secret
202	88	Continental Defence – NORAD	06/30/58 – 07/07/58	Secret
206	345	Continental Defence – NORAD Miscellaneous and Terms of Reference	04/07/59 – 06/23/59	Secret
206	346	Continental Defence – NORAD Miscellaneous and Terms of Reference	06/15/59 – 12/22/59	Secret
207	347	Continental Defence – NORAD Miscellaneous and Terms of Reference	11/10/59 – 06/17/60	Secret
207	348	Continental Defence – NORAD Miscellaneous and Terms of Reference	04/29/60 – 07/22/63	Secret
19	349	Continental Defence – NORAD Miscellaneous and Terms of Reference	07/23/63 – 07/10/64	Unclassified
207	350	Continental Defence – NORAD Miscellaneous and Terms of Reference	07/15/64 – 11/10/65	Confidential
47	880	Continental Defence – Publicity	04/29/54 – 10/27/58	Unclassified
213	881	Continental Defence – Reappraisal of Problem 1954-1955	07/29/54 – 09/09/54	Secret
47	869	Continental Defence, Ballistic Missile Early Warning System	11/18/57 – 07/21/58	Unclassified
47	870	Continental Defence, Ballistic Missile Early Warning System	07/21/58 – 03/10/58	Unclassified
45	829	Joint Canada-United States Publicity Directive	08/07/51 – 03/09/61	Unclassified
51	941	Missiles	03/15/57 – 06/11/63	Unclassified
214	942	Missiles	12/18/62 – 05/16/69	Secret
214	943	Missiles	08/08/69 – 04/17/72	Secret
19	342	NORAD	01/14/66 – 09/09/66	Protected “A”
19	343	NORAD	01/10/66-07/13/67	Unclassified
19	344	NORAD	08/24/67 – 10/04/68	Unclassified

Box	File	Title	Dates	Security
19	344	NORAD	08/24/67 – 10/04/68	Unclassified
47	878	NORAD	06/14/67 – 06/15/67	Unclassified
216	985	NORAD	01/31/68 – 07/23/69	Secret
52	986	NORAD	10/23/69 – 11/05/70	Unclassified
18	312	Northern Development	01/27/53 – 03/25/57	Unclassified
52	987	Northern Development and Defence	09/18/64 – 04/10/70	Unclassified
216	988	Northern Development and Defence	04/08/70 – 08/21/70	Confidential
217	1014	Permanent Joint Board on Defence	10/19/51 – 09/19/57	Confidential
217	1015	Permanent Joint Board on Defence	09/16/58 – 09/19/57	Confidential
21	366	Publicity	12/29/50 – 10/25/52	Unclassified
21	367	Publicity	12/04/52 – 12/07/60	Unclassified
21	368	Publicity	01/09/61 – 04/14/65	Unclassified
21	369	Publicity	04/07/65 – 03/30/66	Unclassified
21	370	Publicity	04/04/66 – 11/29/66	Unclassified
21	371	Publicity	07/07/66 – 05/19/67	Unclassified
54	1037	Publicity and Public Relations	06/08/67 – 02/28/68	Unclassified
54	1038	Publicity and Public Relations	02/29/68 – 11/03/71	Unclassified
23	405	Research and Development	05/08/52 – 11/13/58	Unclassified
27	466	United States Defence Policy	01/12/56 – 01/19/56	Unclassified
27	467	United States Defence Policy	02/05/54 – 01/19/56	Unclassified
210	468	United States Defence Policy	03/01/56 – 07/21/61	Secret
57	1088	United States Defence Policy	09/14/61 – 11/01/66	Unclassified
57	1089	United States Defence Policy	02/16/67 – 03/12/70	Unclassified
57	1091	United States Personnel Stationed in Canada	02/16/56 – 12/28/60	Unclassified

Box	File	Title	Dates	Security
57	1092	United States Personnel Stationed in Canada	03/21/61 – 06/11/64	Unclassified

Series III: Minutes , Agendas and Related Papers

Series III is comprised of minutes, agendas and related papers of the Chiefs of Staff Committee from 1946 to 1964, of the Vice Chiefs of Staff Committee from 1950 to 1964, of the Cabinet Defence Committee from 1946 to 1954, of the Cabinet from 1968 to 1972, of the Cabinet Committee on External Affairs and Defence from 1965 to 1968, of the Defence Council from 1944 to 1971, of the Chiefs of Defence Staff from 1964 to 1969, of the Army Council from 1940 to 1964, of the Canadian Forces Council from 1966 to 1969, of the Vice Chief of Defence Staff Weekly Planning and Coordinating Conference from 1964 to 1965, of the Naval Board from 1960 to 1963, of the Advisory Committee on Northern Development from 1953 to 1963, of the Air Members , redesignated Air Council in 1956, from 1949 to 1964, of the Air Officer's Commanding Conference from 1949 to 1964 and of the Panel on Economic Aspects of Defence Questions from 1949 to 1963.

Series 3 Subseries 1: Chiefs of Staff Committee and Vice Chiefs of Staff Committee (Files 1299-1316)

Box	File	Title	Dates	Security
59	1299	Chiefs of Staff Committee Meetings	10/04/44 – 08/07/64	Unclassified
59	1300	Chiefs of Staff Minutes, Subject Index (3 Folders)	01/07/48 – 07/02/64	Unclassified
61	1307 A	Minutes of Meetings, Chiefs of Staff Committee, 1952-1953	01/11/50 – 12/01/53	Unclassified
61	1307 B	Minutes of Meetings, Chiefs of Staff and Vice- Chiefs of Staff Committees	01/25/52 – 12/03/54	Unclassified
61	1308	Chief of Staff & Vice Chief of Staff Committee Minutes for 1955	01/28/55 – 11/22/55	Unclassified
62	1308 A	Minutes of Meetings Chiefs of Staff Committee 1956	01/07/54 – 12/30/58	Unclassified
62	1308 B	Minutes of Meetings Chiefs of Staff Committee 1957	01/11/57 – 12/20/57	Unclassified
62	1308 C	[File is Empty]		
62	1309	Vice Chiefs of Staff Committee Minutes 1958 (2 Files, 1 file is empty)	01/08/58 – 12/30/58	Unclassified
62	1309 A	Reference to Kardex File 193.009 (Incomplete?)		
63	1310	Minutes of Meetings, Chiefs of Staff Committee 1959 to June 1961	01/05/59 – 07/07/59	Unclassified
63	1310 A	Chiefs of Staff Committee	07/07/59 – 06/23/60	Unclassified
63	1310 B	Chiefs of Staff Committee	06/23/60 – 06/16/61	Unclassified
63	1310 C	Chiefs of Staff Minutes – 1960	01/07/60 – 12/22/60	Unclassified

Box	File	Title	Dates	Security
63	1310 D	Chairman Chiefs of Staff – 1959	01/05/59 – 12/14/59	Unclassified
63	1310 E	Chiefs of Staff Minutes of Meetings 1961	01/05/61 – 11/30/61	Unclassified
63	1311	Chiefs of Staff Committee Minutes 1963	01/11/62 – 12/23/63	Unclassified
63	1311 A	Chiefs of Staff Committee	06/14/62 – 05/16/63	Unclassified
64	1311 B	Chiefs of Staff Committee	06/22/61 – 06/14/62	Unclassified
64	1311 C	1962 Chairman Chiefs of Staff Committee Minutes	01/11/62 – 12/06/62	Unclassified
64	1311 D	Minutes of Meetings, Chiefs of Staff Committee, 1964	09/23/59 – 07/02/64	Unclassified
64	1312	Minutes of Meetings, Vice Chiefs of Staff	05/04/50 – 04/01/64	Unclassified
64	1313	Special Meeting 1958	06/04/56 – 12/03/58	Unclassified
64	1313 A	Chiefs of Staff Committee, Special Meeting	02/03/58 – 02/03/58	Unclassified
64	1314	Chiefs of Staff Committee Minutes of Special Meetings June 1956 – April 1963	12/30/58 – 07/18/63	Unclassified
64	1315	Chiefs of Staff Committee Papers	11/01/60 – 05/27/63	Unclassified
64	1316	Report to Chiefs of Staff Committee – Organization for Canadian Forces Headquarters, 1964	04/01/64 – 04/21/64	Unclassified

Series 3 Subseries II: Cabinet Defence Committee (Files 1319-1357)

Box	File	Title	Dates	Security
65	1319 A	Memos to the Cabinet	05/31/55 – 06/02/58	Unclassified
219	1319 B	Memos to the Cabinet	06/00/66 – 09/08/67	Confidential
65	1320	Subject Index of Cabinet and Cabinet Defence Decisions	01/00/46 – 11/13/57	Unclassified
65	1327	Cabinet Defence – Minutes, Decisions & Conclusions for 1953	01/09/53 – 12/15/53	Unclassified
65	1328	Cabinet Defence – Minutes, Decisions & Conclusions for 1954	01/05/54 – 12/31/54	Unclassified
65	1329	Cabinet Defence – Minutes, Decisions & Conclusions for 1955	01/24/55 – 12/07/55	Unclassified
65	1330	Cabinet Defence Committee		Unclassified
65	1333	Cabinet Defence Committee No. 95	09/04/53 – 10/15/53	Unclassified
66	1337	Record of Cabinet Conclusions	12/22/52 – 11/20/56	Unclassified

Box	File	Title	Dates	Security
66	1338	Cabinet Conclusions	05/05/55 – 01/08/58	Unclassified
66	1340 A	Memorandum to CDS for Consideration	04/01/65 – 06/17/65	Unclassified
66	1341	Record of Cabinet Decisions	01/28/59 – 11/06/59	Unclassified
66	1342	Record of Cabinet Decisions	01/08/60 – 12/31/60	Unclassified
66	1343	Record of Cabinet Decisions	12/31/60 – 12/01/61	Unclassified
66	1344	Record of Cabinet Decisions	01/26/62 – 12/18/62	Unclassified
66	1348	Cabinet and Cabinet Defence Committee Agenda Papers	11/12/52 – 10/03/62	Unclassified
66	1349 A	Extract from Cabinet Defence Committee Papers for 94 th Meeting	05/15/53 – 05/15/53	Unclassified

Series 3 Subseries III: Defence Council (Files 1370-1474)

Box	File	Title	Dates	Security
66	1370	Index to Defence Council Minutes, Unnumbered	01/03/44 – 01/21/63	Unclassified
66	1371	Index to Defence Council Minutes, 116 to 325	07/06/64 – 03/27/73	Unclassified
67	1376	Defence Council Minutes, 58 to 72	05/27/52 – 12/10/54	Unclassified
67	1377	Defence Council Minutes, 73 to 98	01/14/55 – 12/07/59	Unclassified
67	1378	Defence Council Minutes, 99 to 111	01/04/60 – 10/02/61	Unclassified
67	1379	Defence Council Minutes, 112 to 114	02/05/62 – 10/09/62	Unclassified
67	1380	Defence Council Minutes, 115	01/21/63 – 01/21/63	Unclassified

Series 3 Subseries IV: Chief of Defence Staff (Files 1501-1639)

Box	File	Title	Dates	Security
74	1501	Subject Index of Meetings of Chief of Defence Staff (1964-1968) and Chief of Defence Staff Advisory Committee 1969-1972	08/19/64 – 07/12/72	Unclassified

Series 3 Subseries X: Advisory Committee on Northern Development (Files 1800-1804)

Box	File	Title	Dates	Security
89	1800	Index of Meetings 6 to 20	02/16/53 – 10/12/54	Unclassified
89	1801	Meetings of the Advisory Committee on Northern Development, 6 to 20	02/16/53 – 10/12/54	Unclassified
89	1802	Meetings of the Advisory Committee on Northern Development, 21 to 33	11/08/54 – 04/16/56	Unclassified
89	1803	Meetings of the Advisory Committee on Northern Development, 34 to 53 (2 Files)	05/23/56 – 06/01/59	Unclassified
89	1804	Meetings of the Advisory Committee on Northern Development, 54 to 65	07/06/59 – 12/18/63	Unclassified

Series 3 Subseries XIII: Air Council (Files 1818 to 1970)

Box	File	Title	Dates	Security
90	1819	Report of the Special Studies Group on Long Range Objectives for the RCAF	06/29/62 – 06/29/62	Unclassified
90	1820	Air Members Meetings, 1949	01/19/49 – 12/07/49	Unclassified
90	1821	Air Council Minutes, 1950 (2 Files)	01/11/50 – 07/30/65	Unclassified
91	1822	Air Council Minutes, 1951	01/10/51 – 12/19/51	Unclassified
91	1823	Air Council Minutes, 1952	01/09/52 – 12/20/52	Unclassified
91	1824	Air Council Minutes, 1953	01/15/53 – 12/15/53	Unclassified
91	1825	Air Council Minutes, 1954	01/06/54 – 12/01/54	Unclassified
91	1826	Air Council Minutes, 1955-1956	01/04/55 – 12/17/56	Unclassified
91	1827	Air Council Minutes, 1957	01/21/57 – 12/30/57	Unclassified
91	1828	Air Council Minutes, 1958 (2 Files)	01/08/58 – 12/19/58	Unclassified
92	1829 A	Air Council Minutes, 1959	01/07/59 – 12/29/59	Unclassified
92	1829 B	Air Council Minutes, 1959	01/07/59 – 12/29/59	Unclassified
92	1830	Air Council Summary Record of Decisions	06/18/58 – 12/29/59	Unclassified
92	1831	Air Council Summary Record of Decisions, 1960 (No label)	01/05/60 – 12/28/60	Unclassified
92	1832	Air Council Summary Record of Decisions, 1961 (No Label)	01/04/61 – 12/28/61	Unclassified
93	1833	Air Council Summary Record of Decisions, 1962 (No Label)	01/10/62 – 12/19/62	Unclassified

Box	File	Title	Dates	Security
93	1834	Air Council Summary Record of Decisions, 1963 (No Label)	01/09/63 – 12/18/63	Unclassified
93	1835	Air Council Summary Record of Decisions, 1964 (No Label)	01/08/64 – 07/08/64	Unclassified
93	1836	Air Council Minutes, 1960 (2 Files) (No Label)	01/08/60 – 12/28/60	Unclassified
93 – 94	1837	Air Council Minutes, 1961 (3 Files) (No Labels)	01/04/61 – 12/28/61	Unclassified
94	1838	Air Council Minutes, 1962 (2 Files) (No Label)	01/10/62 – 12/19/62	Unclassified
94	1839	Air Council Minutes, 1963 (No Label)	01/09/63 – 02/20/63	Unclassified
94	1840	Air Council Minutes, 1963 (No Label)	01/09/63 – 12/18/63	Unclassified
94	1841	Air Council Minutes, 1964 (No Label)	01/08/64 – 07/08/64	Unclassified

Series 3 Subseries XIV: Air Officers' Commanding Conferences (Files 2000 to 2011)

Box	File	Title	Dates	Security
102	2000	Air Officers' Commanding Conferences	06/27/49 – 04/16/64	Unclassified

Series 3 Subseries XV: Panel on Economic Aspects of Defence Questions (Files 2020 to 2021)

Box	File	Title	Dates	Security
104	2020	Economic Panel – Minutes of Meetings	01/12/50 – 11/15/61	Unclassified
104	2021	Economic Panel – Minutes of Meetings	04/29/62 – 04/03/63	Unclassified

Series 3 Subseries XVI: Chief of the General Staff (Files 2025 to 2029)

Box	File	Title	Dates	Security
104	2025	CGS' Conference with GOCs	03/13/51 – 04/15/54	Unclassified
104	2026	CGS' Conference with GOCs	12/02/54 – 12/03/58	Unclassified
104	2027	CGS' Conference with GOCs	10/07/60 – 10/07/60	Unclassified
104	2028	CGS' Conference with GOCs	02/02/62 – 02/02/62	Unclassified
104	2029	CGS' Conference with GOCs	02/11/63 – 02/11/64	Unclassified

Series 3 Subseries XVII: Chief of the Defence Staff Advisory Committee (File 2035)

Box	File	Title	Dates	Security
104	2035	Minutes – Canadian Defence Staff Advisory Committee (No Label)	03/12/69 – 04/11/72	Unclassified

Series IV: Papers Pertaining to Defence Policy (Files 2098-2147)

Series consists of papers pertaining to Defence Policy in Canada during the 1960s and early 1970s. Includes defence planning guidances and policy reviews, Hansard clippings (House of Commons Debates), articles by Richard S. Malone, and various other documents. Also includes speeches by the Prime Minister (1970-1972), the Minister of National Defence (1952-1972), the Chief of the Defence Staff (1969-1972) and the Vice Chief of the Defence Staff (1966-1972).

Box	File	Title	Dates	Security
106	2112 A	Hansard Clippings Vol. 1	09/15/58 – 05/19/58	Unclassified
106	2112 B	Hansard Clippings Vol. 2	01/16/59 – 07/18/59	Unclassified
106	2112 C	Hansard Clippings Vol. 3	01/18/60 – 08/08/60	Unclassified
106	2112 D	Hansard Clippings Vol. 4	11/21/60 – 09/25/61	Unclassified
106	2112 E	Hansard Clippings Vol. 5	01/19/62 – 12/17/62	Unclassified
106	2112 F	Hansard Clippings Vol. 6	01/21/63 – 02/05/63	Unclassified
106	2112 G	Hansard Clippings Vol. 7	05/20/63 – 12/18/63	Unclassified
107	2112 H	Hansard Clippings	02/20/64 – 11/26/64	Unclassified
110	2137	Prime Minister's Speeches	10/09/70 – 07/15/72	Unclassified
111	2138	Minister of National Defence Speeches	10/07/63 – 04/02/72	Unclassified
111	2139	Minister of National Defence Speeches	04/03/52 – 03/03/72	Unclassified
111	2140	Vice Chief of Defence Staff Speeches	09/09/66 – 03/09/72	Unclassified
112	2141	Index to Chief of Defence Staff Speeches	09/12/69 – 09/12/72	Unclassified

Series V: Papers Pertaining to Intelligence and NATO (Files 2500A-2578, 3401)

Series consists of papers pertaining to military intelligence and the North Atlantic Treaty Organization (NATO) during 1944 to 1979. Includes development reports and reappraisals of the CF-105 Aircraft (Arrow Jetfighter plane), a history of the CF-5 Aircraft, discussions regarding the purchase of the Avenger Aircraft from the United States Navy (USN), development reports of the Bomarc missile, the development of nuclear weapons for the Canadian Armed Forces, and the organization of National

Defence Headquarters. Also includes documents on the management of the Canadian Armed Forces, joint Canada-United States defence policies, Canada-Europe military relations, presentations to the National Defence College, NORAD/NATO relations, NATO capabilities and strategic guidance, United Kingdom defence organization, United States defence reorganization, and military intelligence liaison with the United States and the United Kingdom.

Box	File	Title	Dates	Security
222	2504	Development of the Introduction of the BOMARC Ground to Air Guided Missile and the MB-1 Air to Air Guided Missile on Canadian Manned Interceptors for the RCAF for the Defence of Canada	06/21/66 – 09/09/68	Secret
113	2504	NORAD and Development of Introduction of Bomarc and MB1 Weapons for RCAF in Defence of Canada	06/21/66 – 09/09/68	Unclassified
113	2505	Paper on Development of NORAD by R.L.R. Raymont	06/15/57 – 12/05/57	Unclassified
113	2507	NORAD Question and Answers	08/07/57 – 05/12/58	Unclassified
113	2508	United States Proposals for the Closer Integration of Atomic Capability in the Defence of North America	01/27/58 – 01/27/58	Unclassified
222	2508	United States Proposals for the Closer Integration of Atomic Capability in the Defence of North America	01/27/58	Secret
222	2509	Records of Meetings of Consultation of Senior Canadian / USA Officials and Canadian Brief	05/30/57 – 08/11/59	Secret
222	2510	Canada – United States Defence Planning	12/12/45 – 05/12/65	Confidential
113	2511	Canada/USA Survey of Relations by Arnold Heeney and Comments by CCOS	08/15/51 – 06/20/51	Unclassified
223	2514	Intelligence – The Threat to North America	01/22/58 – 06/19/61	Secret
114	2535 B	NDHQ Organization Chart 1947	1947	Unclassified
114	2535 C	NDHQ Organization Chart 1953	1953	Unclassified
114	2535 D	NDHQ Organization Chart 1963	1963	Unclassified
114	2535 E	NDHQ Organization Chart 1964	1964	Unclassified
114	2535 F	NDHQ Organization Chart 1968	1968	Unclassified
115B	2551	Relationship between NORAD and NATO	07/23/57 – 08/22/60	Unclassified
224	2557 A	Canada-US Agreements on Defence Matters – Exchange of Notes	04/17/52 – 07/02/63	Secret
224	2557 B	Canada-US Agreements on Defence Matters – Exchange of Notes	07/15/58 – 09/20/65	Secret

Box	File	Title	Dates	Security
117	2568	U.S. Defence Reorganization 1958	10/27/52 – 02/01/68	Unclassified
145	3401	Reorganization of the United States Department of Defence - 1958	04/11/53 – 11/28/58	Unclassified
117	2569	Miscellaneous Speeches	11/01/54 – 10/31/68	Unclassified
225	2572	Study of National Security Policy in Light of Nuclear Deterrent and Reassessment of Defence Policy	02/18/53 – 04/19/66	Confidential
117	2574 B	Criticism of Defence Policy – Memo from Lt-Gen Simonds	08/21/53 – 06/23/56	Unclassified
225	2575	Intelligence – Threat to North America	06/14/63 – 03/09/67	Secret

Series VI: General Charles Foulkes Papers (Files 3000-3109)

Series consists of papers alphabetically arranged by subject. Some of the subjects include: anti-submarine warfare, Canada-United States military relations, NATO, nuclear weapons, peacekeeping, and Canada's military policy. Also includes documents regarding the activities of Canadian regiments and the 1st Canadian Corps during the Second World War in Northwest Europe. There are also speeches (1948-1969) by Foulkes and a scrapbook.

Box	File	Title and Contents	Dates	Security
117	3000	Index	09/16/47 – 05/15/69	Unclassified
117	3001	Air Defence	03/13/69 – 05/14/69	Unclassified
118	3014	Canada – United States	06/26/61 – 06/08/69	Unclassified
118	3015	Canada – U.S. Defence Relations	12/06/51 – 05/13/54	Unclassified
118	3016	Canada – U.S. Partnership	07/14/69 – 07/29/69	Unclassified
118	3017	Canada – U.S. – Canadian Response to US Strategy	12/13/68 – 12/13/68	Unclassified
119	3022	Continental Defence	10/00/69 – 10/00/69	Unclassified
225	3022	Continental Defence – Briefing re “Defence Planning Arrangements – Canada-United States”	02/19/75 – 02/19/75	Secret
119	3023	Correspondence	03/05/63 – 06/11/91	Unclassified
120	3054	NORAD	12/04/57 – 07/26/69	Unclassified
121	3069	Policy – Defence Policy 1945-1968	n/d	Unclassified
121	3071	Soviet Challenge	02/28/69 – 02/28/69	Unclassified
121	3072	Soviet Union and Satellites	02/23/68 – 06/16/69	Unclassified
121	3073	Soviet Map	n/d	Unclassified

Series VII: Files Relating to Second World War Post Hostilities Program (Files 3120-3128)

Series consists of papers relating to the Second World War Post Hostilities Programmes. Includes minutes and related papers of the Cabinet War Committee, the Advisory Committee on Post Hostilities Problems and the Working Committee on Post Hostilities Problems. The files were gathered and arranged according to Colonel Robert Lewis Raymont's original order.

Box	File	Title	Dates	Security
125	3125	Permanent Joint Board on Defence Discussions on Continental Defence Value of Canadian Northwest and Post-War Canada/U.S. Collaboration	05/18/44 – 04/20/66	Unclassified
125	3126	Canada/U.S. Defence Projects	01/17/44 – 06/08/45	Unclassified
125	3127	Post-War Defence Arrangements with the U.S.	11/05/43 – 03/10/45	Unclassified

Additional files of relevance at DHH include:

File	Title	Dates
Biog L - Lymburner Papers	DEW Line newspaper articles (Fin Post and Ottawa Citizen)	1955-56
73/409	Minutes DEW Line Coord Cmtee	1960-63
76/35	Report on Visit to DEW Sites - Hildes	1956
76/100	WEC - five articles on DEW Line	
77/493	Lester, A.G. <i>Taped Recollections</i>	
78/512	Lester, A.G. <i>Special Contract: A Story of Defence Communications in Canada</i>	
122.3M2.009 (D248)	MacDonald - Cdn Sov in Arctic - PJBD	1950
934.009 (D330)	Info on date of DEW becoming operational	1957
326.023 (D5)	DRB DEW Mil Geography Support Programme report	1955
956.009 (D114)	Chasen article - Polar Record on DEW Systems	1967
327.009 (D518)	Western Command file on Ex Dew Line	
934.009 (D327)	Map of Canada showing early warning systems	
181.003 (D5220)	RCAF file - USN re Arctic Ops East including DEW resupply	1958
181.009 (D3499)	RCAF tactical airlift - DEW coordinating committee correspondence	1955-56
181.009 (D4991)	RCAF - Military Sea Transportation Service (MSTS) - Resupply Bases East and West Arctic, including DEW	1955
181.009 (D6129) (2 vols.)	RCAF - USN MSTS - Op Sunec - air resupply	1954
181.009 (D5117)	RCAF - USN MSTS - arctic ops - Eastern resupply	1955
181.003 (D3550)	RCAF Binder - Mid-Canada Line Press Tour	1956
181.009 (D6587)	RCAF Binder - Joint Press Tour DEW Line	1956
326.009 (D185)	HQ Sask Area - army assistant to DEW Line construction	1955-58
181.002 (D294)	Tactical Air Command - Project Tamarack - preliminary survey for Mid-Canada and DEW Lines	-
112.012 (D1)	CGS BDF 4-3 vols.1-4 - Defence Planning for period May 50-Aug 63	1950-63

File	Title	Dates
181.005 (D235)	Special Armed Forces Senior Appointments List, and seconded est. RCAF	1954-60
181.003 (D2683)	Commander MSTS Post Operation Report	1957
120.003 (D7)	Report of MSTS Arctic Ops 1956 - USN expedition	1956
120.003 (D8)	Report of MSTS Arctic Ops 1955 - USN expedition	1955
120.003 (D15)	USN Report of Arctic Ops 1956 - Foxe Basin Joint Task Group	1956
120.003 (D16)	USN Hydrographic Report on Arctic Ops 1956	1956
120.003 (D22)	Military usefulness of Greenland for Military Ops - photos	1950s
120.001 (D1)	Six books on arctic resupply incl DEW Line	1956
120.001 (D6)	USN Arctic Operating Instructions MSTS	1957
120.001 (D7)	MSTS Arctic Ops East 1959	1959
120.001 (D8)	MSTS Arctic Ops East 1958	1958
120.001 (D9)	Books on USN arctic ops 1957 and MSTS Atlantic Arctic Ops Post Op Report 1957	1957
120.001 (D10)	USN Pacific-Arctic Ops 1957 Post Op Report	1957
120.001 (D11)	USN Pacific-Arctic Ops 1956 Post Op Report	1956
120.001 (D12)	Three books on resupply in Eastern Arctic	1955
120.01 (D2)	USN Op Order for Naval Beach Group Two, Gap, Pine, Greenland sealift	1958
120.01 (D3)	USN MSTS Op Plan MSTS 1955 re DEW construction	1955
120.01 (D4)	USN MSTS Op Plan MSTS 1956 re DEW construction	1956
120.01 (D5)	USN MSTS Op Plan MSTS 1957 re DEW construction	1957
120.01 (D6)	USN Op Order for Sunec-2 Arctic Ops re construction of DEW Line station in Eastern Arctic	1955
120.01 (D7)	USN MSTS op plan "MSTS 1957 Arctic Operations COMSTS OP Plan 1-57" Eastern and Western Supply of DEW Line and Pinetree Stations incl/ RCAF aircraft and HMCS Labrador	1957
120.01 (D9)	USN Op plan CJTG 6.3 Arctic Ops 1956 for supply in Foxe Basin, Hudson Bay and Baffin Island incl HMCS Labrador	1956
120.01 (D11)	USN MSTS Op Plan 1955 for DEW resupply	1955
120.01 (D12)	USN MSTS 1955 COMSTS OP Plan for DEW construction	1955
120.01 (D14)	Arctic Ops Pacific 1956 Force, Task Force Five, USN MSTS for resupply of DEW from Pacific incl role of RCAF Ice Reconnaissance Unit	1956
120.01 (D15)	USN MSTS Op Plan Pacific Force 1957	1957
120.01 (D17)	USN Op Plan Arctic Ops 1956 for construction and resupply of DEW in Baffin, Nfld and Labrador areas	1956

3.4 - NWT Archives Council, Prince of Wales Northern Heritage Centre, *Yellowknife, Northwest Territories*

Canada. Northern Administration Branch Records, 1949-1973

G-1979-003

This accession consists of 34 meters of material, primarily textual created from 1949 to 1973. The records were created by the Northern Administration Branch and its various predecessors as a result of the federal governments activities in administering the Northwest Territories. There are restrictions on the material covered under the Access to Information and Privacy Act. Researchers are also referred to RG 85 Series D-1-A at the National Archives and N92-034 at the NWT Archives.

[Block-Series-Subseries Structure]

100-199 Administration. - 1935-1970 1.1 metres of textual material

200-299 Arctic and Eskimo Affairs. - 1947-1970 8.2 metres of textual material

200-209 Arctic

207 DEW Line Project. - 1966-1969 (2 cm. textual material)

T-207-1 vol. 1 [9-3] DEW Line - General File. - 1966-1969

T-207-2 vol. 1 [9-4] Eskimo Employment - DEW Line. - 1966

250-259, 270 Eskimo Affairs

250 [Eskimo Affairs] General

251 Eskimo Economy

252 Eskimo Health and Welfare

253 Eskimo Relief

255 Eskimo Handicraft

256 Tourism - N.W.T.

257 Industrial Development

270 Reindeer Project

300-399 Engineering Projects. - 1938-1970 3.4 metres of textual material

300-309 Engineering Projects

300 Engineering Projects General

301 Flood Control

303 Town Planning

304 Geographical Data

305 Maintenance & Repairs

310-319 Buildings - Construction & Maintenance

310 Buildings - Construction & Maintenance

General

311 Buildings in N.W.T. and Yukon

312 Contract Files for New Buildings

320-329 Allocation of Space

320 Allocation of Space - Policy, Accommodation - General

321 Various Settlements in N.W.T. & Y.T.

330-339 Public Utilities

331 Water and Sewer Services

332 Electric Power

333 Sanitation

340-349 Communications
340 Communications General
343 Radio
344 Postal
350-359 Transportation
350 Transportation General & Policy
351 Roads - Construction & Maintenance
352 Airports
354 Aids To Navigation

400-499 Game & Forest Protection. - 1934-1969 5.17 metres of textual material

430-439 Fishing
430 Fishing - N.W.T. & Yukon
440-449 Forestry
440 Forestry General
441 Forest Fires
460-469 Settlement Fire Protection
460 Settlement Fire Protection Policy and General - N.W.T.
470-479 Special Projects
471 Buffalo Project

500-599 Territorial Secretariat. - 1924-1970 8.9 metres of textual material

500-510 Administration of the N.W.T. - Council
500 Administration of the N.W.T. - Council
501 Economic Development in Northern Canada
520-529 Municipal Administration - N.W.T. & Y.T.
520 Municipal Administration - N.W.T. & Y.T.
530-539 Ordinances - N.W.T.
530 Ordinances - N.W.T.
 Coroner's Ordinance N.W.T. - Abraham, G. Coroner. - 1958-1967
 Relates to Cape Parry (DEW Line). Includes photographs.
 530-18C vol. 1 (vol. C) [159-10]
531 Workmen's Compensation
540-549 Justice - Police Services
540 Justice - Police Services
550-559 Health
550 Health General
552 Diseases - N.W.T. & Y.T.
553 Hospitals & Nursing Stations General & Policy
554 Files Re. Various Hospitals and Nursing Stations in N.W.T. & Yukon
557 National Health Insurance
559 Repatriation of Eskimos
560-569 Welfare & Social Services
560 Welfare & Social Services General
561 Relief to Indigents
562 Community Centres - Recreation
563 Public Libraries
565 Old Age Assistance & Blind Persons Allowance
569 Disabled Persons
570-579 Territorial Secretariat Misc.
571 Labour

- 572 Historic Sites
- 590-599 Liquor, N.W.T.
- 590 Liquor - N.W.T. General & Policy
- 593 Licences (Incl. Hotels)
- 594 Permits

600-699 Education. - 1947-1970 8 meters of textual material

- 600-609 Education - General
- 600 Education General & Policy
- 601 Indian Education
 - 600-1-5 vol. 1A [204-1] Expansion of Education Facilities N.W.T. - 1960-1968
Relates primarily to the Arctic District and the DEW Line. Includes teaching in camps near Pangnirtung, sending children from the Baffin to Churchill, summer programs and tours.
- 602 Provincial Schools & Education Systems
- 603 Eskimo Education
- 604 Correspondence Courses
- 605 Handicapped Children
- 608 Inspections and Visits
- 609 Staff - Misc.
- 610-619 Teachers
- 610 Teachers - General
- 611 Staff Instructions
- 613 Personnel - Assignment & Transfers
- 620-629 Curriculum
- 620 Curriculum - General
- 630-639 Schools Administration
 - 630-145/22-1 vol. 2 [247-2] Reports & Returns Coppermine Tent Hostel School. - 1954-1956. Includes special welfare report for Coppermine "Radar Installations and the Natives".
- 640-649 School Supplies & Equipment
- 640 School Supplies & Equipment - General
- 660-669 Professional and Other Organizations
- 660 Professional and Other Organizations - General
- 662 Boy Scouts and Girl Guides Associations
- 663 Canadian Junior Red Cross
- 666 Junior Rifle Club - National Rifle Association
- 667 Northwest Territories Teachers' Association
- 670-679 Recreation and Welfare (Schools)
- 670 Recreation & Welfare (Schools) - General
- 674 Community Information
- 680-689 Vocational Training
- 680 Vocational Training - General
- 690-699 Adult Education
- 690 Adult Education - General

1000-1099 General. - 1963-1970 54 cm. of textual material

- 1000-1009 General
- 1000 Settlements and General Area Files - General
- 1001 Civil Defence
- 1002 Associations, Institutes

- 1003 Federal Govt. Departments & Agencies
- 1004 Companies, Corporations
- 1009 Secret & Confidential Files
- 1010-1019 Miscellaneous Subjects
- 1010 Miscellaneous Subjects - General
- 1012 Eskimo Affairs

20 Series: Individual Name Files. - 1926-1957 8 cm. of textual material

[Cooperative Development]. - 1961-1969 8 cm. of textual material

Northwest Territories. Dept. of Information fonds

2731 photographs and other material
[1964-1985]

The Department of Information, initially known as Information Services, was organized in Ottawa in May of 1967. The department was re-established in Yellowknife under the direction of E. R. Horton with the transfer of the government in September 1967. The Department of Information was responsible for informing residents of the Northwest Territories of the policies, programs and activities of the Government of the Northwest Territories, informing the public outside of the Territories about the north, and providing inter-governmental information systems. In addition, it was responsible for meeting the printing, translation, graphic design and publication needs of the Government of the Northwest Territories. In 1970, the department was organized into two divisions: Publications and Public Relations. The Publications Division was involved in the research, writing, editing, and designing a variety of government publications, such as the Annual Report and newsletters; its Printing section, later known as the Printing Bureau, handled all Government of the Northwest Territories printing requirements either in-house or through the private sector. In 1979, the head of the Printing Bureau was appointed Territorial Printer and the responsibility for printing all new Northwest Territories ordinances was assumed from the Queen's Printer in 1980. The Public Relations division, later renamed Public Affairs, was responsible for all public relations functions including press releases, films, slide shows, liaison with the press, escorting dignitaries, translation services and maintaining a photo library. In 1973, an Interpreter-Translator Corps was established within the Public Relations division to meet the needs of communications in the multi-lingual north. The Corps was to provide Dene and Inuit oral interpretation and written translation services for the GNWT, Council of the NWT and other groups and agencies. It also assisted with communications between aboriginal peoples and the government, hospitals, and courts. A radio program production centre was created to provide programming to community stations and prepare government information packages on topics such as the Northwest Territories Council, Home Management and Consumer Affairs. A review of Department of Information functions in 1976 indicated that regionalization of its programs was required. Interpreter-translators in each region became responsible for determining the communication needs within their region and providing programming ideas and materials. The Yellowknife headquarters acted as the service agency for the production of required programs. In 1982, the Interpreter-Translator Corps was reorganized into the Language Bureau to handle the priorities in language and culture activities as set by the Legislative Assembly and the Executive Council. This function was a priority and money was redirected to the Language Bureau from other activities. Another major initiative of the Department of Information was the Northern Communications Program established in 1978. The program provided the facilities for satellite-fed northern television and radio service to communities. Initially, facilities were provided for communities with populations between 250 and 500 people. These requirements were reduced to communities of 150 people in 1981 and then to communities with populations less than 150 people with an established power supply. By 1986,

facilities existed in all qualifying communities. A grant program for operating costs was also offered to local radio stations providing native language programming. The Department of Information produced a variety of public information brochures on topics such as the Dene, Inuit, canoeing, transportation, climate, flora, and fauna of the Northwest Territories. Poster series promoting the north were produced, as well as "The Traditional Life Series" consisting of prints of Dene and Inuit people. In 1985, the Government of the Northwest Territories consolidated cultural and communications related activities. The newly formed Department of Culture and Communications assumed the functions of the Department of Information. The Department of Information, initially known as Information Services, was organized in Ottawa in May of 1967. The department was re-established in Yellowknife under the direction of E. R. Horton with the transfer of the government in September 1967. The Department of Information was responsible for informing residents of the Northwest Territories of the policies, programs and activities of the Government of the Northwest Territories, informing the public outside of the Territories about the north, and providing inter-governmental information systems. It also was responsible for meeting the printing, translation, graphic design and publication needs of the Government of the Northwest Territories. In 1970, the department was organized into two divisions: Publications and Public Relations. The Publications Division was involved in the research, writing, editing, and designing of a variety of government publications, such as the Annual Report and newsletters; its Printing section, later known as the Printing Bureau, handled all GNWT printing requirements either in-house or through the private sector. In 1979, the head of the Printing Bureau was appointed Territorial Printer and the responsibility for printing all new Northwest Territories ordinances was assumed from the Queen's Printer in 1980. The Public Relations division, later renamed Public Affairs, was responsible for all public relations functions including press releases, films, slide shows, liaison with the press, escorting dignitaries, translation services and maintaining a photo library. In 1973, an Interpreter-Translator Corps was established within the Public Relations division to meet the needs of communications in the multi-lingual north. The Corps was to provide Dene and Inuit oral interpretation and written translation services for the government, Council of the Northwest Territories and other groups and agencies. It also assisted with communications between aboriginal peoples and the government, hospitals, and courts. A radio program production centre was created to provide programming to community stations and prepare government information packages on topics such as the Northwest Territories Council, Home Management and Consumer Affairs. A review of Department of Information functions in 1976 indicated that regionalization of its programs was required. Interpreter-translators in each region became responsible for determining the communication needs within their region and providing programming ideas and materials. The Yellowknife headquarters acted as the service agency for the production of required programs. In 1982, the Interpreter-Translator Corps was reorganized into the Language Bureau to handle the priorities in language and culture activities as set by the Legislative Assembly and the Executive Council. This function was a priority and money was redirected to the Language Bureau from other activities. Another major initiative of the Department of Information was the Northern Communications Program established in 1978. The program provided the facilities for satellite-fed northern television and radio service to communities. Initially, facilities were provided for communities with populations between 250 and 500 people. These requirements were reduced to communities of 150 people in 1981 and then to communities with populations less than 150 people with an established power supply. By 1986, facilities existed in all qualifying communities. A grant program for operating costs was also offered to local radio stations providing native language programming. The Department of Information also produced a variety of public information brochures on topics such as the Dene, Inuit, canoeing, transportation, climate, flora, and fauna of the Northwest Territories. Poster series promoting the north were produced, as well as "The Traditional Life Series" consisting of prints of Dene and Inuit people. In 1985, the Government of the Northwest Territories consolidated cultural and communications related activities. The newly formed Department of Culture and Communications assumed the functions of the Department of Information.

This fonds consists of 2731 colour photographs in slide and print formats, 6 audio reels, 76 film reels, 10 umatic videocassettes, approximately 1.1 meters of textual material, 8 microfilm reels and 15 posters. The photographs depict communities throughout the Northwest Territories, indigenous animals, landmarks, Distant Early Warning (DEW) Line sites, Anglican and Catholic Missions, schools, Dene and Inuit peoples and landscapes.... The bulk of the textual material consists of files from the Central Registry and were from the following Central Registry blocks: Policy (11-000); Settlements (11-004); Tours (11-005); Publications (11-006) and Communications (11-012). The microfilm reels contain files from the Central Registry dated between 1970-1973 from the following program areas: Policy, Settlements, Publications, Public Relations and Miscellaneous (11 block) and from Conferences and Administration (13 block)....

Northwest Territories. Dept. of Public Works and Services fonds

ca. 20,000 photographs : col. slides, prints, negatives
[1980?]-1995

The Department of Public Works and Services was formed in 1994 with the consolidation of the Department of Public Works and the Department of Government Services. The Department of Public Works and Services is responsible for designing, constructing, acquiring, operating and maintaining Government of the Northwest Territories buildings, works and equipment and vehicles. The department provides many other services to government departments, boards and agencies, such as records management, computer operations and systems development. In addition, the department acts as a regulatory body for electrical, mechanical and gas systems and is responsible for the payment of utilities for government owned and leased buildings and works. Training programs in maintenance and operation of GNWT buildings, works and equipment and vehicles are offered by the Department of Public Works and Services. This department is also responsible for making essential petroleum projects available to communities not served by the private sector. The Directorate includes the Policy and Planning Division, the Finance Division and the Deputy Minister's office at Headquarters. The Directorate is responsible for the senior management of the department, including managing human and financial resources, and providing overall direction and planning for the department. Activities such as policy making, personnel, staffing functions, financial administration, records management and internal computer services are part of the Directorate. This division is involved with northern and local training and facilitating employment and business development opportunities within departmental programs and services. Standards and procedures are developed and implemented by the Directorate for government-wide contracting and purchasing. In addition, this division delivered the Business Incentive Policy. The Directorate maintains communication with the private sector, other government departments, as well as with aboriginal and other interest groups. The Project Management activity is responsible for the design and construction of all buildings and works for the Government of the Northwest Territories through its technical services and construction management divisions. This activity also delivered the Community Granular and Dust Control Programs through project officers located in each region. This program manages granular materials production within the communities and provides dust control for these communities. The Project Management Division provides local training, employment and business development opportunities in capital projects delivered by the Department of Public Works and Services. This division also facilitates the development and implementation of building standards. Between 1997-98, the Technical Services division provided facility planning services and building assessment services and administered the Community Granular Revolving Fund that was created to respond to the privatization of the Community Granular and Dust Control Program. In 1998-99, the Project Management activity assumed responsibility for the administration and regulation of electrical, elevator, boiler, and pressure vessel and gas safety from the Accommodation Services activity. In 1999-2000, the name of this division was changed from Project Management to the Technical Support Division. The

Accommodation Services activity is responsible for all aspects of property management for the Government of the Northwest Territories, including the administration of leased and owned office and staff accommodation across the Northwest Territories, and the disposal of surplus assets. This activity encouraged leasing of facilities from local owners in order to facilitate and support business development in the north. In 1994-95, the leasing and property management functions for GNWT staff housing were transferred to the NWT Housing Corporation. Consequently, Accommodation Services became responsible for providing property management of GNWT real property assets. In 1997-98, Accommodation Services was renamed Asset Management. The Safety Inspections Activity was part of Asset Management and involved the inspection of buildings and worksites and the review of plans to ensure compliance with building codes. This activity also has regulatory and administrative responsibilities for electrical, mechanical and gas systems. In 1998-99, the responsibilities for electrical, mechanical and gas systems were transferred to the Project Management activity. The Buildings and Works activity was responsible for operating and maintaining buildings and works owned by the Government of the Northwest Territories based upon the Maintenance Management System. Transferring maintenance functions to communities through the Community Transfers Initiative was a major focus of this activity. In 1997-98, this activity amalgamated with the Safety Inspections activity and Accommodation Services to form the Asset Management Division. The Vehicles and Equipment activity was responsible for the acquisition, operation, maintenance and replacement of GNWT vehicles and equipment, excluding Department of Transportation vehicles and equipment. Transferring vehicle maintenance functions to communities through the Community Transfers Initiative was a major focus of this activity. Between 1996-97, the vehicle pools in each regional and area centers were eliminated and the Asset Management Division assumed the responsibility for equipment maintenance. The Utilities activity was responsible for the payment of heating and electrical costs and the cost of water, sewage and garbage collection services for GNWT owned and leased buildings and works. Between 1993-94, this activity was involved in the transfer of the Sanikiluaq power plant to the NWT Power Corporation. The responsibilities for the Utilities activity were transferred to the newly created Asset Management activity in 1997-98. The Supply Services Activity is responsible for a wide variety of services to government departments. These include acquisition of materials and services, housing and distribution of common-use items, mail distribution, records storage/retrieval, marketing of surplus items and aircraft charter management. This division administers the Transportation Assistance Program. In 1996-97, the responsibility for acquiring publication and production services for government departments was assumed by this activity. This service had been delivered by the Systems and Communications activity. The Supply Service Activity was a party of the Community Transfer Initiative; consequently, responsibilities that were fulfilled by this activity were privatized in 1996-97. The Operations activity was responsible for planning and coordinating the department's utilities, buildings and works, and vehicles and equipment maintenance programs. This includes the development of policies, procedures and standards and coordinating the provision of technical advice, providing assistance and training to maintenance staff within the Department of Public Works and Services and other GNWT departments. This activity operates and maintains GNWT buildings, works, vehicles and equipment based upon the Maintenance Management System. Between 1994-95, this activity was responsible for warehousing and distribution of common-use items, mail distribution, and aircraft charter maintenance. In 1996-97, the Operations activity focused on preparing program guidelines, user pay and community transfer initiatives for the Buildings and Works, Vehicles and Equipment, Utilities and Supply Services programs. Many of the responsibilities undertaken by these programs were assumed by the Asset Management activity or taken over by the private sector. The Operations activity ceased to exist in 1998. The Publications and Production activity was responsible for the graphic design, publishing and still-photography needs of the Government of the Northwest Territories. This activity managed design, typesetting, forms, and printing services for all government departments and agencies and the Legislative Assembly, including production of publications, reports, legislation, regulations, the Territorial Gazette and a variety of booklets and brochures on government programs and services. The form management

section designed and maintains all forms used by the government and coordinates the ordering of forms. The Publications and Production activity was transferred to the Systems and Communications activity in 1994-95. It was then transferred to the Supply Services Activity in 1996-97. The Systems and Communication Services activity delivers specialized services related to computer systems development, mainframe operations, office automation services, voice/data communications and telecommunications. The systems section designs, develops and implements computer information systems and provides for upgrading and support for these systems after installation. The computer services section operates the government's mainframe computer facilities which house the information systems used by departments. The office automated systems section coordinates the acquisition of microcomputers and generic software packages. The telecommunication section provides services related to the administration of the government's telephone and data communication facilities. Between 1996-97, the funding for telecommunications was transferred to the departments. The Petroleum Products activity purchases, transports and stores petroleum products in communities not served by the private sector. The products are then sold to the residents of the community through a local contractor. This activity is involved in the planning and construction of fuel storage tanks and renovation projects to standing storage facilities, replacing unsafe tanks and ensuring the safety of the storage facilities.

Between 2000-2001, the programs and services delivered under the Technical Support Division which included the planning, design and construction of buildings throughout the NWT, as well as administration and regulation of electrical, elevator, boiler, pressure vessel and gas safety was absorbed by the Asset Management Division. The Technical Support Division ceased to exist at this time.

This fonds consists of approximately 20,000 photographs taken, collected or purchased by the photographer for the Government of the Northwest Territories, who was employed by the Systems and Communications Division of the Department of Public Works and Services. The photographs are in slide, negative and print format and depict the following subjects: images of people, communities in the Northwest Territories, scenery, wildlife, traditional land use, hospitals, Royal Canadian Mounted Police buildings, schools, infrastructure of communities, water, air and land transportation, sports and recreation, hunting, fishing, traditional clothing, political leaders, government buildings, camps, mines, DEW line sites, events such as Arctic Winter Games, Expo '86, Canada Day, churches, airports, housing, dogsledding, fauna, arts and crafts and performing arts.

Northern Transportation Company, Ltd. fonds

1 film reel : 16 mm

4 videocassettes : 3 VHS; 1 Umatic copy of original

1969, [197- or 198-?]

Edmonton entrepreneur, Cy Becker, established the Northern Transportation Company Limited (NTCL) in 1931. In 1936, the company was purchased by Charles and Gilbert Labine who in turn sold it to Eldorado Mining for \$87,500. In 1942, Eldorado became a crown corporation. In 1976, NTCL ceased to be part of Eldorado Mining and became an independent entity, although still a crown corporation. NTCL had a profound effect on the development of the western arctic. Although purchased to supply Elorado mining, it always acted as a general carrier. In 1948, the NTCL was dominant in the arctic transportation industry in the Northwest Territories and in 1960, NTCL received the contract to supply DEW line sites and began operating on the Arctic Ocean. The Company's operations are divided into two main geographic sections: the Mackenzie/Western Arctic (including the Kitikmeot Region of Nunavut and Alaska) and the Eastern Arctic, which is comprised of the Kivalliq and Baffin Regions of Nunavut. Service in the Mackenzie River watershed began in 1934 and along the Western Arctic Coast and Islands in 1957. Service was extended to encompass the North

Slope of Alaska in 1963. Cargo arrives by rail or truck at NTCL's largest operating terminal located at Hay River. It is then transported across Great Slave Lake, down the Mackenzie River to Tuktoyaktuk and along the Arctic coast eastward to Taloyoak and westward to Point Hope, Alaska. In addition to its Regional Offices, NTCL maintains two operating terminals in the Mackenzie Western Arctic, located at Inuvik and Tuktoyaktuk. Its extensive maritime route system in this sector is serviced by a large fleet of tugs and dual-purpose shallow draft barges, which carry both, bulk petroleum products and dry cargo. NTCL's operations in the Kivalliq region were established in 1975 out of Churchill, Manitoba. The communities of Arviat, Whale Cove, Rankin Inlet, Chesterfield Inlet, Baker Lake and Coral Harbour are serviced through NTCL's Regional Office located at Rankin Inlet and its receiving terminal at Churchill. The company operates one tug, the M.V. Keewatin, and four dual-purpose 1800 series barges in the performance of its Kivalliq service. In 1996, NTCL began to supply fuel to all communities in the Baffin region. Although, NTCL's primary function is marine transportation, it also provides full range integrated logistics support services. Extensive marine maintenance and repair services are conducted in Hay River. Other services include warehousing and distribution, equipment chartering and leasing, steel fabrication and machining, electronic sales and service and the sale of industrial parts and supplies. NTCL is a member of the NorTerra group of companies.

This fonds consists of one 16 mm film entitled "Highway of the Atom," a copy of that film on Umatic videocassette and 3 VHS videocassettes of the productions entitled "To Move a Mountain" and "A Break in the Ice." "Highway of the Atom" was created for the Northern Transportation Company (NTCL) circa 1980 and illustrates the Radium Line of the NTCL transportation system by tracing the shipment of materials from Waterways, Alberta to Port Radium, on the "Radium Franklin" and the "Radium Gilbert." "To Move a Mountain," produced in 1969 and "A Break in the Ice," produced circa 1980 are both promotional films that describe a typical transportation season.

Inuvialuit Social Development Program fonds

14 cm of textual records

64 audio cassettes

1990-1993

The Inuvialuit Social Development Program (ISDP) is a branch of the Inuvialuit Regional Corporation, which was established to receive and manage benefits resulting from the 1984 Inuvialuit Final Agreement (IFA). The program was designed to promote the social, cultural and educational welfare of the Inuvialuit, focusing on the preservation of Inuvialuit culture. Activities of the ISDP include: participation in Oral Histories projects; involvement in Historical National Park studies; Language and Culture camps; Inuvialuit Genealogy Program; support to Inuvialuit Drum Dance groups; support for Adult Inuvialuktun Language Program classes; assistance in the development of Teacher Education Program of Arctic College in Inuvik and the participation in regional, territorial and national workshops regarding social, health and cultural issues.

This fonds consists of 64 audiocassettes and 14 cm of textual material. The records were generated by the Herschel Island and Yukon North Slope Inuvialuit Oral History Projects, which were coordinated by the Inuvialuit Social Development Program (ISDP). In 1990, the Yukon Heritage Branch contracted the ISDP to initiate work on the Herschel Island and Yukon North Slope Oral History Project. It was planned as a three-year project that would focus on the documentation of Inuvialuit land use and perceptions. The first year would focus on Herschel Island, the second year on the Yukon North Slope and a synthesis of information would be produced in the third year. The results of the project were to be used to identify and develop human history themes from an Inuvialuit perspective in parks on Herschel Island and northern Yukon. The Herschel Island component of the project (also known as the Qikiqtaruk Herschel Island Cultural Study) consists of 35 interviews that were conducted

with 18 elders from Inuvik, Aklavik and Tuktoyaktuk in 1990. The records include: audio recordings and tape summaries of the 35 interviews; English and Inuvialuktun transcriptions and translations; a copy of the final report of the study; and an alphabetical subject/name index for the interviews conducted in 1990 and also those conducted in the 1991 Yukon North Slope Cultural Resources Survey. The interviews were conducted by Murielle Nagy, the project anthropologist, Bill Schneider (an anthropologist from Fairbanks, Alaska), Renie Arey who did the interviews with elders from Aklavik and Inuvik and Agnes Gruben White who interviewed the elders from Tuktoyaktuk. The elders interviewed were Ishmael Alunik, Renie Arey, Jane Esau, Alex Gordon, Hope Gordon, Persis Gruben, Kathleen Hansen, Fred Inglangasuk, Lucy Inglangasuk, Bella Jacobsen, Jimmy Jacobsen, Dora Malegana, Joe Nasogaluak, Sarah Meyook, Albert Oliver, Jean Tardiff, Peter Thrasher and Agnes Gruben White. Rosie Archie, Maria Selamio and Renie Arey produced the English translations of the interviews. Anna Illisiak and Barbra Allen produced the Inuvialuktun transcriptions. Subjects include fishing, hunting, whaling, spiritual beliefs, clothing, methods of transportation, dances, food preparation, traditional healing, houses and place names. There is also genealogical information on the Inuvialuit who lived on Herschel Island. The Yukon North Slope component of the project (also known as the Yukon North Slope Cultural Resources Survey) was carried out by the Inuvialuit Social Development Program under contract with Parks Canada. In 1991, the project coordinators interviewed 23 elders from Aklavik, Inuvik, and Tuktoyaktuk. The focus of the survey was the documentation of post-contact aboriginal land use as recorded in historic sites, graves, resource extraction areas, caches, lookouts, trails, place names and gathering places in the Yukon Arctic Basin. The project coordinator was Murielle Nagy, and the interviewers were Agnes Gruben White and Renie Arey. The Inuvialuit elders interviewed were: Persis Gruben, Charlie Gruben, Christina Klengenberg, Diamond Klengenberg, Bessie Wolki, Emmanuel Felix, Peter Rufus, Jonah Carpenter, Jimmy Jacobson, Agnes Gruben White, Raymond Mangelana, Ishmael Alunik, Rhoda Allen, Martha Henry, Jean Arey, Fred Inglangasuk, Sarah Meyook, Alex Gordon, Dora Malegana, Emma Edwards, Lily Lipscombe, Kathleen Hansen and David Roland. The records include: a copy of the final report on the Yukon North Slope Cultural Resources Survey; 29 audio recordings of the interviews; and English and Inuvialuktun transcriptions and translations of the interviews. Subjects depicted include fishing, hunting, whaling, relations between the Inuvialuit and the whalers, fur traders and missionaries, Inuvialuit spiritual beliefs, and the construction of DEW Line sites in the Delta.

Alexander Stevenson fonds

5.7 m of textual records and other material
[192-] to 1980

Alexander Stevenson was born in Verdun, Quebec in 1915. At the age of 19, he joined the Hudson's Bay Company (HBC) and between 1935 and 1940 worked as a clerk in several eastern arctic locations. During this time, he traveled extensively by dog team and boat and learned Inuktitut. During World War II, he served with the Royal Canadian Air Force as a pilot. In 1942, his plane was shot down and he spent the next three years as a prisoner-of-war. He returned to Canada after the war and found employment in 1946 with Eskimo Services in the Department of Mines and Resources, the forerunner of the Dept. of Indian and Northern Affairs. In 1947, the western arctic was added to the Eastern Arctic Division to form the Arctic Services Division. In the same year, Stevenson was appointed to the position of Assistant Superintendent of the Eastern Arctic. In 1953 the Department of Resources and Development was renamed Northern Affairs and National Resources, and the Northern Administration Division was reorganized into the Arctic Division, which now included a field service. In 1959, the Administrators of the Arctic and the Mackenzie were set up under the Northern Administration Branch, and Stevenson was appointed assistant Administrator of the Arctic. As Assistant Administrator of the Arctic, he directed the Department's operations in the eastern Arctic including: education, welfare, economic development and engineering activities. He was appointed

Administrator of the Arctic in 1963. While in this position, Stevenson sat on numerous committees and boards with interests in the north. These included: the Interdepartmental Committee on fur promotion; the Distant Early Warning (DEW) Line Coordinating Committee; the Joint Arctic Weather Station Committee, the Eskimo Affairs Committee, the Administrative and Technical Committees on Caribou Preservation; the Administrative Committee for Polar Bears; the Interdepartmental Committee on Salvage Archaeology; and the Northern Scouting Committee. Responsibility for the administration of the Arctic was transferred to Department of Indian Affairs Northern Development in 1967, and later transferred to the Territorial Relations Branch in 1968. The Northern Administration Branch dissolved in 1970 with the transfer of its responsibilities to the Government of the NWT. Stevenson held the position of Administrator of the Arctic until this time. Stevenson continued to work for the federal divisions that provided services to the whole of the NWT and Yukon. He was appointed Chief Social Development Officer for the Dept. of Indian and Northern Affairs and in 1974 was seconded to the Inuit Tapirisat of Canada to set up and coordinate the efforts of their Language Commission. He also was a member of the Steering Committee covering the aboriginal Land Claims in the early 1970s and served as Chairman of the Northwest Territories' Historical Advisory Board. Stevenson had many varied responsibilities during his career. From 1947 to 1952, he sailed on numerous expeditions through the eastern arctic (Eastern Arctic Patrols) and served the Federal government in various capacities including: Officer-In-Charge of the Eastern Arctic Patrol, Justice of the Peace, Commissioner of Affidavits, Game Officer, Issuer of Marriage Licenses, Permit Officer, Officer for Citizenship matters for the Secretary of State, and Postal Officer for the Post Office Department. In 1947, Hudson's Bay Company boat 'Nascopie' being used for the Eastern Arctic Patrol sank near Cape Dorset. Stevenson was on board the vessel. Later he was recommended for outstanding service served as Officer-In-Charge (OIC) on the replacement boat and in 1948 and 1949. In 1950 government built boat C.D. Howe launched with Stevenson as OIC; the ship's helicopter crashed killing Sam Ford, interpreter, and friend of Stevenson. During the 1950s, he was involved in Inuit assistance and relocations from the Keewatin, and Northern Quebec. He accompanied several air patrol inspections including one to the Keewatin to investigate reports of starvation. Stevenson was directly involved in arranging, inspecting and evaluating these situations. Stevenson also served as official Canadian observer on Weather Station Resupply Mission on U.S. Coast Guard ship 'Northwind' in 1952. In 1955, Stevenson was assigned department responsibility for Distant Early Warning Line sites. Stevenson was also responsible for Northern Service Officers who reported to Stevenson. They were directly involved with the Inuit and supervised such activities as benefits payment, Eskimo Loan Fund projects, and negotiations with traders and employers. Because of his various activities in the eastern arctic, his interest and knowledge of the arctic, Stevenson wrote a number of articles on the north, many of which appeared in periodicals such as the "Beaver", "North/Nord", and "Canadian Geographic". Stevenson served on the editorial board of "North/Nord" magazine from 1967-1977. Throughout his career and after retirement, Stevenson was recognized as an expert on the Inuit and Eastern Arctic. He received many inquiries and requests to review manuscripts; and his efforts to answer these went beyond his various titles and responsibilities. He died in 1982.

This fonds consists of 5.7 meters of textual records, 744 photographs, 4 DAT audiocassettes (copied from original recordings in 1993), 5 records, 12 audio reels, 18 maps, 9 charts/oversized material, 3 posters and an assortment of ephemera. The material covers the period 1923-1980. It consists primarily of government documents concerning the administration of the eastern arctic before the transfer of that responsibility to the Government of the Northwest Territories in 1970. It also includes documents related to this transfer of authority, and documents relating to the reorganization and remaining areas of responsibility (such as employment) after that transfer, for the whole of the Northwest Territories and Yukon. During some periods, the Inuit of northern Quebec and Labrador were part of the administrative area. Some of this material has been set aside while other material such as relates to economic development, remains integrated with the Northwest Territories materials. By

and large, the material in this collection represents copies of federal government records created during Stevenson's period of employment with the federal government (1946-1974), and his contract work for them (1974-1978). Also included in this collection are government records that predate Stevenson's employment but which related to northern Canada and non-government records such as news clippings, article reprints and reports, all of which were collected by Stevenson. The collection apparently acted as a reference collection for answering inquiries, and articles, speeches, conference presentations, lectures and other public relations material he wrote as part of his job, and for special projects such as the report on government-sponsored relocations of the Inuit Stevenson did under contract in 1977. The bulk of the textual material consists of correspondence, reports, policy statements, minutes of meetings, terms of reference for committees, contract and legal documents, statistics, briefing material for the minister, regulations, ordinances, press releases, speech texts, information pamphlets, recruiting posters and information, job descriptions and evaluations, court and coroners' documents. It also includes notes and drafts of articles written by Stevenson for publication, notebooks, manuscripts written by others, bibliographies, biographies, published material such as clippings, reprints, pamphlets and newsletters. Beyond the textual material are other types of records including: photographs, posters, maps, sound recordings and ephemera. The photographs were found amongst Stevenson's textual records. The photographs document buildings (including Hudson's Bay Company and RCMP posts), activities, types of water transportation and people in such communities of Lake Harbour, Pangnirtung, Pond Inlet, Arctic Bay, Norman Wells, Hay River, Fort Smith and Aklavik. The sound recordings include reminiscences of Alexander Stevenson, a recording of a church service at Lake Harbour and interviews that were conducted on board the ship "C.D. Howe." The maps depict the following subject areas in the Northwest Territories: fur areas, centers of population, DEW line sites, trading posts and settlements, communication and transportation routes, Royal Canadian Mounted Police and Hudson's Bay Company posts and sites of northern cooperatives. The majority of the charts are from the Hudson's Bay Company and show fur sales and the locations of posts. The non-government material such as clippings, reprints and reports on other circumpolar countries or aboriginal peoples may have been collected as part of his job - there are references in official correspondence to establishing a library of comparative material. The Territorial Archivist undertook an initial sort and selection in the spring of 1993. During this process, the material was repacked into archival quality file folders and envelopes. Rough file titles and inclusive dates were recorded on the file folders. Weeding was restricted to removal of some newspaper clippings and periodicals. The process was more directed towards getting an overview of the collection, than formal sort and selection work. The Territorial Archivist was able to establish that no discernable order had been applied to much of the collection and that the majority of the material in the collection was in fact records of the federal government of Canada. In the summer of 1993, an archival technician was hired with the financial assistance of the CCA. The archival technician examined the state of the collection before concluding that these file groupings were not worth preserving, as most files had a mixture of subjects and or dates. Describing the files as there were at that time in a collection of this size would not make the information accessible to researchers. Because of the archival technician's conclusion that there was no original order to protect, the decision was made to establish an order to the collection that would facilitate its use by researchers. The documents were removed from the folders and sorted by subject, type of document, and when possible, by date. The new order was created based on what was understood of Stevenson's pattern of use. A select few of the files that seemed to have developed as office or work files were preserved, and have been described in the file list as "intact files". A large and unorganized collection of newspaper and periodical clippings were also found in the collection. The majority of these were removed for inclusion in the NWT Archives reference files. Those that remain in the papers were kept because the reason Stevenson had kept them in the files was reasonably clear. The material was arranged in eight series. 1. Personal - includes contract documents, correspondence marked personal or confidential, clubs, articles, book reviews, ephemera 2. Committees - on which Stevenson served as a member 3. Conferences - attended by Stevenson 4. Reference Subjects 5. Photographs 6. Sound recordings 7. Maps and Oversized Material 8. Ephemera

The Series 1 through 4 deal exclusively with textual material and were designed to aid in the arrangement and description of this substantial body of reference material and to help organize it by subject. The bulk of the material is organized under the Reference Subject series. In many cases, the categories and the material overlap, particularly within the Reference Subject series. Details on overlaps can be found in series and sub series descriptions. Much of the material deals with the Inuit; issues include employment, health and welfare, education, economic development, art. Information about a particular Inuit group living around and eventually in a particular community may be found in a number of sub series in the Reference Subject series, in different types of records that show the evolution of government administration in the arctic. In the early part of the century the Royal Canadian Mounted Police (RCMP), traders and a few missionaries were the only non-Inuit residents of the arctic, and consequently they often acted as agents of the government in matters such as emergency relief, and some administrative duties. Until the late 1940s government involvement focused on the annual Eastern Arctic Patrol, which traveled to coastal locations, where people from the region gathered for the occasion. In 1953, federal Northern Service Officers were established in six regions, taking over most of these duties. Their reports often cover their whole region or several communities; as more field officers were added, Eskimo Loan Fund projects initiated and Distant Early Warning (DEW) Line bases were built and staffed, the reports became more specific. Because of these various groups providing the federal government with local administration, documentation on a single subject may be located in a variety of files. For example, information on employment of Inuit might be located in Royal Canadian Mounted Police (RCMP) files, regional administrator's file, DEW line files, or even files related to trapping and fur trade. In addition, there is a typewritten handbook entitled 'Material for Minister's Handbook' dated December 1965 that contains information about the organization of the Northern Administration Branch, as well as a copy of the NWT Council Tour, Vol. II (February 29 to March 8, 1968), which lists all members of the Territorial Council, as well as biographical information about each member. In addition, there are two maps that were originally located in the NWT Council Tour book. One map shows the Territorial Evolution of Canada and the other map shows Mineral Exploration and Mining sites in the Northwest Territories and Yukon Territory.

Douglas Wilkinson fonds

5239 photographs and other material

1945-1972

Douglas Earl Wilkinson was born on October 26, 1919 in Toronto. After graduating from school in 1937, he worked for the T. Eaton Company, Ltd., before joining the Canadian Army in 1941. He served with the army until 1944. In October 1941 he married Vivian Jean Latremouille. In 1945 he joined the National Film Board of Canada, working variously as a production assistant, film editor, photographer and a writer/director. In 1952 he began a career as a freelance writer and photographer. In 1953 he received a research grant from the Arctic Institute of North America and spent one year living with the family of Idlout (Joseph Idlout) in and around Pond Inlet on Baffin Island. From 1955 until 1958 Doug Wilkinson worked as a Northern Service Officer for the Department of Northern Affairs and National Resources, based in Ottawa, Frobisher Bay (Iqaluit) and Baker Lake. Between 1959 and 1969, he served as the Vice-President of Robert Anderson Associates, Ltd., a film production agency in Ottawa. From 1959 until his retirement in 1987 he worked as a freelance writer, filmmaker and photographer. During this period he wrote a number of books that were based upon his experiences in the north including "The Land of the Long Day", "Sons of the Arctic", "The Arctic Coast" and "Arctic Fever". In 1969, he spent one year working for the Canadian Broadcasting Corporation as an executive producer and in 1974 he spent one year working as a community development officer for Canadian Arctic Gas, Ltd. in Yellowknife. In 1987, Doug Wilkinson retired to Kingston, Ontario.

This fonds consists of photographs, films, sound recordings and textual material. Included are 2193 black and white negatives (some are nitrate) and 3048 colour slides of the north. A large number of the images feature Wilkinson's stay at Pond Inlet and an outpost camp at Aulatssevik with Joseph Idlout. There are also images of Chesterfield Inlet, Pelly Bay, Frobisher Bay (Iqaluit), Apex, Distant Early Warning (DEW) line sites, Baker Lake, and Rankin Inlet. Joseph Idlout took approximately 300 of these images between 1951 and 1954. The fonds also includes records created by Doug Wilkinson during his employment with the National Film Board of Canada (NFB), the Canadian Broadcasting Corporation (CBC) and during his work as a freelance writer/film-maker/photographer. Included among the films: "Land of the Long Day"; "Angotee: The Story of an Eskimo Boy"; "White Man in the Arctic"; "Resolute: Eskimo Village"; "Exploring the Arctic Ice"; "Inuvik: The New Type of Arctic Town"; "Return to the Arctic"; and "Christmas in the Big Igloo". There are also reels of film footage, which were used in the production of a series on the Netsilik Inuit, which was produced by the NFB. There is film footage of Inuit travel in the north, the construction of snow houses (igloos), and hunting and fishing in the winter and summer. Some of the films depict various research projects being undertaken in the north including: the Defense Research Board of Canada's camp at Lake Hazen, Ellesmere Island; a research project on the effects of constructing a pipeline in the Mackenzie Valley; and a wildlife survey conducted on Bathurst Island. Communities depicted include: Chesterfield Inlet, Frobisher Bay (Iqaluit), Inuvik, Pelly Bay, Pond Inlet and Resolute Bay. The sound recordings in this fonds cover a variety of subjects including: a series of interviews with Vilhalmjur Stefansson; a Citizens Forum on the Eskimo Dilemma (1964); and a Citizens Forum on the Indian Dilemma (1964). A number of sound recordings contain sound effects such as the breaking of the ice which was recorded onboard the "Louis St. Laurent", a Canadian ice-breaker; the refueling of a Hercules aircraft at Alert; a printing press in operation at Inuvik; and a radio room at the Eureka Weather Station on Ellesmere Island. One of the primary subjects depicted in these records is the traditional lifestyle of the Inuit, in particular the Netsilik. The fonds also contains 17 daily journals which were kept by Wilkinson between 1953 and 1968 and a four page newsletter entitled "Bergy Bits" dated July 1955 from aboard the HMCS Labrador.

Erik Watt fonds

852 photographs : b&w prints; b&w negatives
1929-1962

Erik Watt was born in Alberta in 1927. He first came to the Northwest Territories in 1943, when he traveled the Mackenzie River. He returned to the north in 1956 as a reporter for the "Edmonton Journal." When he left the "Edmonton Journal" in 1959, he was hired by the "Winnipeg Free Press" and continued to work in the north as a northern reporter until 1962. During his years as a journalist in the north, he had the opportunity to visit many communities in the Northwest Territories and in northern Alberta and Quebec. He made a photographic record of his travels through the north. His work as a journalist took him to small communities in the eastern arctic such as Cape Dorset, developing communities in the west such as Inuvik, and gave him access to Distant Early Warning (DEW) line sites across the north.

This fonds consists of 852 photographic prints and negatives, predominantly black and white, taken by Erik Watt and his father Frederick Watt between 1929 and 1962. The majority of the photographs show locations within the Northwest Territories, however images from northern Alberta, northern Manitoba and northern Quebec complement the overriding theme of Canada's north. A wide range of subject matter is covered in the photographs. This includes: DEW line operations; educational activities; views of northern communities and people from both the eastern and western arctic; native reserves; mining operations; church work in the north; road construction; and special functions such as

the official opening of public buildings. The images taken by Frederick Watt date between 1929-1933 and include the first air mail flight to Aklavik, images of floatplanes and pilots, prospecting and staking activities and the establishment of the Cameron Bay settlement and mine. Some of these images were used in Frederick Watt's book "Great Bear: A Journey Remembered.

Gordon Pritchard fonds

1,454 photographs : 1,261 col. slides; 110 b&w prints and 81 b&w negs.
1956-1963

Gordon B. Pritchard was born in Galt, Ontario on March 17, 1909. In 1935, he graduated from the University of Toronto with a Bachelor of Architecture and then served with the Royal Canadian Air Force during World War II. He joined the Building Construction Division of the Department of Public Works in Ottawa in 1948. He was appointed the first chief of the federal Northern Construction Division, Department of Public Works, in 1956. In this capacity, he toured widely throughout the north supervising the construction of federal projects. One of his major responsibilities was to oversee the construction of Inuvik, which was completed in 1961. He wrote a number of articles on building projects he had been involved with, particularly those in Inuvik. He died in Ottawa on November 1, 1964.

This fonds consists of 1,261 colour slides, 110 black and white prints (originally contained in 7 albums and 2 folders), and 81 black and white negatives. Many of the images are of federal building projects that were undertaken in approximately 25 communities within the Northwest Territories. The collection documents construction of buildings during a period in which responsibilities for communities shifted from federal to territorial jurisdiction. Also included are portraits, images of Hudson's Bay Company buildings, Royal Canadian Mounted Police posts, Distant Early Warning (DEW) Line sites, churches and missions, scenery and wildflowers throughout the north and aerial photographs of the communities, including some in the Yukon and northern Quebec.

John Anderson-Thomson fonds

5.1 m of textual material
ca. 15 maps
[194-?-198-?]

John Anderson-Thomson was born in Glengairn Scotland on April 30, 1900. He served with the Royal Flying Corps as a pilot in World War I before coming to Canada in 1920. He taught school in Saskatchewan until 1926, when he returned to Scotland and married Janet Paterson. They returned to settle in Saskatchewan, where they raised sheep and taught school. In 1936, he graduated from the University of Saskatchewan with a B.Sc. Honours in Geology and was hired as engineer, geologist and mine superintendent by De Santis Gold Mine in Timmins, Ontario. In 1941, he left De Santis and spent most of World War II as a navigation instructor for the Royal Canadian Air Force (RCAF) in Manitoba. In the spring of 1944, he was hired by the General Engineering Company of Canada as a field engineer and geologist. This job brought him to the Northwest Territories and Yellowknife, where he lived until his death in September 1985. During these years in the north, John Anderson-Thomson was involved with many land surveying and engineering projects. The projects included: surveying for the power line from Discovery Mine to Blue Fish Hydro; surveying of the Distant Early Warning (DEW) line on the arctic coast; underground surveying for Polaris Mine; laying out airstrips; geological investigations; and reconnoitering the highway route from Hay River to Yellowknife. He was also involved in the creation of the Yellowknife Golf Course in 1947.

This fonds contains business and personal records. The business records include annual and interim reports from mines, geological reports, correspondence concerning surveys, invoices, income tax returns, geological survey journals, correspondence, accounting records, survey contracts, copies of survey maps, city plans, records of the Royal Commission on the Great Slave Railway, and other documentation of work carried out by John Anderson-Thomson in the north. Also included in the fonds are personal records such as correspondence, diplomas, awards, membership certificates, honorary announcements and records of professional associations such as the Canadian Institute of Mining and Metallurgy and the Canadian Council of Professional Engineers and Scientists including the Yellowknife branch.

Lennie family fonds

939 photographs : 880 original negatives and 59 copy negatives
[1910?-1970?]

Sam Lennie was born on August 29, 1928 at Horton River, NT and Margaret Lennie was born on November 25, 1930 at Coppermine (Kugluktuk), NT. They currently reside in Inuvik, NT. This fonds consists of 880 original photographic negatives and 59 copy negatives taken between 1910-1970. The images include the communities of Sachs Harbour, Tuktoyatuk, Inuvik and Aklavik, as well as DEW line stations BAR 2 and BAR C.

Norris Hunt fonds

217 photographs : col. slides
1968-1969

During World War II, Dr. Norris Hunt flew Spitfires but was shot down and captured and was a prisoner of war for three years. He had a private practice in Oakville, Ontario before moving to the Northwest Territories in 1968. Dr. Norris Hunt, his wife and three teenage children moved to Inuvik after reading an advertisement in the C.M.A. Journal for physicians needed in the Arctic and was hired by the Department of Health for a one year term. His wife was a physiotherapist and she became the first part-time physiotherapist in the Inuvik Hospital, also helping to run the local Girl Guides troop. The family carried on with their interest in cross country skiing. While in Inuvik he had the opportunity to fly a Cessna 150 from time to time. When visiting nursing stations in the area there was often room for another passenger in the airplanes, so his family members took turns accompanying him. Dr. Hunt always had an interest in photography and acquired a Pentax Spotmatic camera for his journey to the North.

This fonds consists of 217 colour slides taken by Dr. Norris Hunt in 1968-1969. The photographs include images from Tuktoyaktuk, Aklavik, Arctic Red River (Tsiigehtchic), Holman Island, Cape Parry, Inuvik and the surrounding area. There are photographs of the DEW Line site and geological features such as pingos. There are images of nurses and physicians, medical evacuations, facilities and hospital patients, including images of Dr. Hunt instructing students in a classroom setting. There are photographs of the ski team and cross country skiers in Inuvik. There are photographs depicting events at the Miss Ice Worm pageant. There are aerial images of the area and photographs of typical housing and utilidors in Inuvik. There are unidentified photographs of people from the communities.

3.5- Yukon Territorial Archives, *Whitehorse, YT*

United States, Air Force, Distant Early Warning (DEW) System, BAR-1, Auxiliary Station Fonds.

1952-1993; predominant 1988-1993.

Accession number 94/04.

Physical description 1.8 m of textual records, 24 photographs, 1 videocassette, and 88 architectural drawings.

Administrative history In response to the perceived threat of a Soviet nuclear attack on North America, the United States government made continental air defense a high priority in the 1950s. In 1952, the U.S. Air Force granted a contract to the Western Electric Company, based in Illinois, for "Project CORRODE." The company designed and tested two prototype radar and communications stations in the north, surveyed a feasible Distant Early Warning Line across the Canadian Arctic, and recommended specific sites for the remaining DEW Line stations. The first pair of DEW Line stations included the main station (BAR), located on Barter Island, Alaska, and an Auxiliary (BAR-1) near Komakuk Beach, Yukon. By early 1954, both stations were in operation; by June, despite the complexity of the equipment and the harsh environment, the DEW Line was accepted as technically feasible. BAR-1 was the first DEW Line station in Canada. Its primary function was the detection and reporting of transpolar aircraft activity. The station in Ivvavik National Park closed down in June 1993 and was replaced by an unstaffed North Warning Radar System on the same site. *Custodial history* The United States Air Force retained some records from the BAR-1 station, notably those containing sensitive military information and personnel records. The USAF transferred the remaining records to Canadian Heritage-Parks Canada. The fonds includes architectural drawings (eg. site plans, electrical diagrams, floor plans), reports, operations procedures and instructions, inventories, work schedules, checklists, administrative files, financial statements and educational material. The BAR-1 DEW Line Station generated and received this material. Most of the records date from 1988 to 1993. They primarily offer evidence of the station's operations and information about the DEW Line site during those years. Artifacts from BAR-1 are held by the MacBride Museum, Whitehorse, Yukon. Copies of site plans and original records not retained by the Yukon Archives are held by Parks Canada, Whitehorse, Yukon.

SERIES 1 - AS-BUILT DRAWINGS. — 1956-1993.

Architectural.— 1956-1993.

The drawings contain architectural information about the equipment building, surveillance and communications center, radar building and transmitter and receiver rooms.

GOV 2857 1 As Built Drawing Index 1993

H-1937 Site Development AAP-1-A 1990

H-1938 Building Site AAP-2-A 1990

H-1939 Building Sections AAP-3-A 1979

H-1940 Area Plan AAP-4-A 1990

H-1941 Waveguide Supports Profiles AAP-5-A 1971

H-1942 Airstrip LS-15-(R) 1990

H-1943 Equipment Building - Plan, Door & Hardware Schedules A-1-A 1990

H-1944 Equipment Building - Elevations A-2-A 1990

H-1945 Surveillance & Communications Centre & Radar Building - Section & Details A-6-A

1956

- H-1946 Transmitter & Receiver - Units 3 & 4 Sections, Details & Interior Elevation A-7-A 1990
- H-1947 Building Train-Units 3, 4, 5 & 6-Attic Elev & Sec A-8-A 1956
- H-1948 Finish Schedule A-9-A 1990
- H-1949 Material Schedule A-9a-A 1986
- H-1950 Equip Bldg - Unit 1 - Intake & Exhaust Plenum Detail A-11-A 1988
- H-1951 Fire Barrier - Unit 2 - Plan, Elevation Section & Details BD-2-1-A 1956
- H-1952 Fire Barrier - Unit 2 - Pre-Fab Mod - Details BD-2-2-A 1956
- H-1953 Pre-Fab Mod - Transmitter - Unit 3 - Details BD-3-1-A 1990
- H-1954 Pre-Fab Mod - Rcvr - Unit 4 - Details BD-4-1-A 1988
- H-1955 Pre-Fab Mod - Surveillance & Communications Centre - Unit 5 - Details BD-5-1-A 1988
- H-1956 Surveillance & Communications-Unit 5-Folding Door Install Details BD-5-2-A 1982
- H-1957 Pre-Fab Mod - Radar Unit 6 - Plans & Sections BD-6-1-A 1990
- H-1958 Pre-Fab Mod - Radar Unit 6 - Stair & Plenum Plans & Details BD-6-2-A 1988
- H-1959 Radar Unit 6 - Antenna Platform Plan & Details BD-6-3-A 1988
- H-1960 Radar Unit 6 - Sec Thru Radome & Radar Building BD-6-4-A 1988
- H-1961 Sections & Details-Units 0-2, U-1, 5-1, P-3, and T-2 BD-16-A 1986
- H-1962 Shelving for Spare Parts Storage - Plan ATD-5-A 1990

Structural. — 1957, 1970-1971.

Structural drawings of the radar platform, equipment building foundation and tanks.

- H-1963 Equipment Building- Foundation Detail P-8A A-3-S 1957
- H-1964 Radome Platform - Plans BD-6-1-S 1970
- H-1965 Tanks TA-1-ST 1971

Heating and Ventilating. — 1972-1992.

Drawings contain information about the heating and ventilating systems in the equipment building and the transmitter room.

- H-1966 Equipment Building A-1-HV 1984
- H-1967 Equipment Building - Fan Room A-2-HV 1984
- H-1968 Fan Schedule & Details A-3-HV 1972
- H-1969 POL System- Plan & Details C05-2-HV 1992

Plumbing. — 1986.

The drawing contains information about the plumbing system in the equipment building.

- H-1970 Equipment Building - Units 1-6 Including C02 System A-1-P 1986

Electrical. — 1960, 1983, 1988.

Electrical plans, including a drawing for the site and for the rotating beacon and tower.

- H-1971 Area Plan AAP-1-E 1988
- H-1972 Distribution Details Trench & Cable Installation DD-5-E 1960
- H-1973 Rotating Beacon Sections & Elevations RBT-2-1-E 1983

Fire Protection. — 1971-1985.

Plans showing the fire alarm system for various buildings on the site.

- H-1974 Fire Alarm System Site Plan & Details AAP-1-FA 1985
- H-1975 Equipment Building Units 1-6 Includes Fire Protection A-1-F 1983
- H-1976 Fire Control Equipment - Fire Ladder Details A-2-F 1971
- H-1977 Fire Alarm System- Corridor & Loc. Plan A-3-F/A 1985
- H-1978 Fire Alarm System- Equipment & R-1 Building A-4-F/A 1985

- H-1979 Fire Alarm System- Dormitory Buildings & Warehouse A-5-F/A 1985
- H-1980 Fire Alarm System- Utility & Storage Building A-6-F/A 1985
- H-1981 Fire Alarm System - J-Mech Bldg, Power Building, & Trans A-7-F/A 1985

N.A.E. - 1953 Construction. — 1983-1991.

Plans for buildings on the BAR-1 site. The drawings include electrical, heating and architectural information.

- H-1982 Floor & Roof Plan [Receiver building] RI-1-01-A 1988
- H-1983 Plan & Elevation [Receiver building] RI-8-HV 1987
- H-1984 Plot Plan & Details (Connecting corridors) CO-5-3-E 1991
- H-1985 Floor Plan & Elevations [East & West dormitory buildings] D2-1-A 1983
- H-1986 Roof & Floor Panel Layouts & Sect [East & West dormitory buildings] D2-2-A 1983
- H-1987 Plan & Elevation [East & West dormitory buildings] D2-7-HV 1990
- H-1988 Plan, Section & Detail [East & West dormitory buildings] D2-12-PL 1988
- H-1989 Plan, Sections & Schedules [East & West dormitory buildings] D2-10-E 1983
- H-1990 Floor Plan & Elevations [Utility building] UI-1-A 1990
- H-1991 Plan & Elevation [Utility building] UI-10-HV 1990
- H-1992 Plan, Section & Detail [Utility building] UI-16-PL 1990
- H-1993 Electrical Plan [Utility building] UI-13a-E 1983
- H-1994 Utility Building UI & Storage Building S-1 Fire Alarm UI-13b-E 1990
- H-1995 Sump Tank, 90 Gal Capacity [Utility building] UI-18-PL 1988
- H-1996 Floor & Roof Plans [Storage & Recreation building] S1-1-1-A 1988
- H-1997 Plan & Details [Storage & Recreation building] S1-1c-A 1983
- H-1998 Heating & Ventilating Plan [Storage & Recreation building] S1-8a-HV 1983
- H-2007 Plan and Schedules [Storage & Recreation Building] S1-11-E 1988
- H-2008 Elevation and Section (1 of 3) [P-4, Power Building] P4-2-1-A 1971
- H-2009 Elevation and Section (2 of 3) [P-4, Power Building] P4-2-1-A 1971
- H-2010 Elevation and Section (3 of 3) [P-4, Power Building] P4-2-1-A 1988
- H-2011 Sections [P-4, Power Building] P4-2-1-HV 1986
- H-2012 Floor Plan and Elevations [J-Mech Shop] P3-1-A 1988
- H-2013 Plan and Elevation [J-Mech Shop] P3-8-HV 1986
- H-2014 Buildings P-3 & P-4 Fire Alarm P3-11d-E 1984
- H-2015 Plan and Elevations [T-2, Transit Dorm & Storage] T2-1-1-A 1988
- H-2016 Plans [Garage] GAR-1-1-A 1988
- H-2017 Elevations & Sections (1 of 2) [Garage] GAR-2-1-A 1988
- H-2018 Elevations & Sections (2 of 2) [Garage] GAR-2-1-A 1988
- H-2019 Plans [Warehouse] WH-1-4-A 1991
- H-2020 Elevations & Sections [Warehouse] WH-2-4-A 1991
- H-2021 Antenna Foundations Plans and Sections TYP-63-1027-7-ST 1971
- H-2022 10,000 Gal Diesel Fuel Tank: Eye Level Diesel Tank Sight Gauge TYP-65-630-1-M 1966
- H-2023 Foundation & Framing Plan [Heated Water Storage] P3-2d-A 1979

SERIES 2 - COMMUNICATIONS AND ELECTRONICS FACILITY RECORDS. — 1966-1992.

The Communications and Electronic Operations Building consisted of five rooms containing the radar, console operations, radio equipment and a metal fire break. The radome, located directly above this building, contained the surveillance radar.

- GOV 2857 2 Communications and Electronic Facility Records - Master Index 1992
- H-2000 Floor Plan Radar Room 10234 1987

- H-2001 Floor Plan Transmitter Room T-5G17-01A 17 01A 1966
- H-2002 Floor Plan Surveillance Room & Communications Center, Station: Bar 1 T-5G17-01D 1968
- H-2003 Department of the Air Force Air Defense Command: Floor Plan, Garage Disaster Radio T-5G-17-01G 1989 (1976)
- H-2004 Department of the Air Force Air Defense Command: Emergency Radio Room Plans T-5G-17-OIL 1983 (1976)
- H-2005 Floor Plan Receiver Room Station Bar-1 T-5G17-01R 1966
- H-2006 Outside Plant Site Plan Station Bar -1 T-5G 17 05 1989 (1956)
- GOV 2857 3 Comm and Elect Facility Records - Master Index Site-Bar-1 / 17 [Inactive drawings] [CEFR] 1991

SERIES 3 - STATION FILES. — 1973-1993; predominant 1990-1993.

The station files provide information about specific programs and activities at the site, particularly between 1990 and 1993 when the station closed. They reflect the organization and management of the station, and the staff's material, educational and social requirements.

- GOV 2857 4a, b NX Records (Historical) Retention: Current and/or 1 year L9 1986-1990
- GOV 2857 5 Property Records - Historical L9-6 1991
- GOV 2857 6 Flight Manifests [Freight] 1990
- GOV 2857 7 Flight Manifests 1990
- GOV 2857 8a, b 1991 Sealift [Requisitions, invoices for freight] 1990, 1991
- GOV 2858 1a-d 1991 Operating Reports [Necessity Store] 1991
- GOV 2858 2a, b 1990 Operating Reports [Necessity Store] 1990
- GOV 2858 3 1989 Operating Reports [Necessity Store] 1989
- GOV 2858 4 Administration and Management [includes Station Files Index; Neufeld. "Draft Manuscript on History and Operation at BAR-1."] A 1990, 1991
- GOV 2858 5a, b Projects (Work Order Status Reports) A2 1992, 1993
- GOV 2859 1 SRR Projects Info [Transportation and storage of equipment] 1992, 1993
- GOV 2859 2a, b 90-0115 Site Clean Up Hazmat [file included map listed below] 1991-1993
 - H-1999 Map: Site plan - Landfill 1990
- GOV 2859 3 91-0024 Fuel Clean-Up [includes Spill Report] 1992
- GOV 2859 4 [Hazmat Waste Retrograde Progress Reports - labour; invoices] 1992, 1993
- GOV 2859 5 Work Order Files A3 1990, 1991
- GOV 2859 6 AMT Management Info Summary [includes report re: cleanup; area maintenance] A3-3 1990-1993
- GOV 2859 7 Revenue Tickets A4-4 1973-1987
- GOV 2859 8 Unannounced Visitors Reports A4-5 1991-1993
- GOV 2859 9 Site Information Brochure A5-3 [19-]
- GOV 2859 10 Area Manager Correspondence/Directives A6 1988-1992
- GOV 2859 11 Permits & Licenses A7 1989-1993
- GOV 2859 12 Station Manager Reports (Daily Management Checklist and incident report) A8 1990-1993
- GOV 2859 13 Station changeover papers 1993
- GOV 2859 14 Station Supervisors Changeover A8-1 1991
- GOV 2859 15 Fire Drill Reports; Fire protection Training Reports A9-1 1991-1993
- GOV 2859 16 Fire Training Reports A9-2 1991-1993
- GOV 2859 17 Fire Marshall Reports A9-3 1991-1993
- GOV 2859 18 Fire Protection Inspection Reports A9-4 1991-1993
- GOV 2859 19 Fire Brigade Duties A9-5 1979, 1992
- GOV 2859 20 Building Fire Warden Duties A9-6 [19-?]

- GOV 2860 1 Emergency Action Plan A10-1 1990
- GOV 2860 2 Emergency Action Drills A10-2 1991-1993
- GOV 2860 3 Security Procedures General A11 1990-1992
- GOV 2860 4 Security Roster - Clearances A11-1 1992, 1993
- GOV 2860 5 Quarterly Security Roster/TWX A11-1a 1990-1992
- GOV 2860 6 Review of Classified Holdings A11-1e 1990-1993
- GOV 2860 7 Appointments A11-2 1992
- GOV 2860 8 [Security] Training/Training Materials A11-3 1989-1993
- GOV 2860 9a, b Training Records/Reports A11-4 1990-1993
- GOV 2860 10 Payroll Procedures A12-1 1990, 1991
- GOV 2860 11 Mail Service A13 1989-1993
- GOV 2860 12 Conferences A15 1990-1993
- GOV 2860 13 Necessity Store Operations - General A16 1990-1993
- GOV 2860 14a, b 1992 Store Operating Reports 1992, 1993
- GOV 2860 15 Operator Appointments A16-1 1989-1993
- GOV 2860 16 Requisitions A16-2 1989-1993
- GOV 2861 1 Air Movement Priorities [19-]
- GOV 2861 2 DEW Line Station Bar-1 [Instructions for Third Party Personnel and Visitors]
1991
- GOV 2861 3 Visitor Register Log 1993
- GOV 2861 4 Bar-One Off Station Log Book 1993
- GOV 2861 5 Safety - General A17 1989-1992
- GOV 2861 6 Safety Meeting Reports A17-1 1990-1993
- GOV 2861 7 Safety Inspection Reports A17-2 1990-1993
- GOV 2861 8 Accident Prevention A17-5 1985-1989
- GOV 2861 9 Safety Training Reports A17-6 1990-1993
- GOV 2861 10 Safety Training Material A17-7 1990-1993
- GOV 2861 11 Medical Procedures A18 1988-1993
- GOV 2861 12 Request for Medical Supplies A18-3 1992
- GOV 2861 13 Narcotics Inventory/Reports A18-4 1993
- GOV 2861 14 Inspections A19 1991-1993
- GOV 2861 15 CPET [Contractor Performance Evaluation] Report A19-2 1991, 1992
- GOV 2861 16 Area Manager Reports/ROCA [Report of Corrective Action] A19-4 1991-1993
- GOV 2861 17 Arctic Star Visits A19-5 1989
- GOV 2861 18 C&E Operations [re: site closure] C1 1988-1993
- GOV 2861 19 Radar C3-1 1989-1991
- GOV 2861 20 Lateral Communications [re: site closure] C3-3 1992
- GOV 2861 21 Radome Inspection Certificate C3-11 1990
- GOV 2861 22 Inspections - General C6 1991, 1992
- GOV 2861 23 General Files D1 1988-1990
- GOV 2861 24 Power Plant Operations D2 1990-1993
- GOV 2862 1 Roads and Grounds [file included map listed below] D3 1991
H-2687 Map: Snow Removal Plan 1989
- GOV 2862 2 Preventive Maintenance D4 1987-1991
- GOV 2862 3 Module D5-1 1989
- GOV 2862 4 Real Property Installed Equipment (RPIE) D6 1989-1991
- GOV 2862 5 Refrigeration Systems D7-2 1992
- GOV 2862 6 Water Samples D8-1 1987-1992
- GOV 2862 7 Water Treatment Certifications D8-2 1990- 1993
- GOV 2862 8 Environmental Control D11 1986-1992
- GOV 2862 9a, b PCB Inspection/Storage/Maintenance D11-1 1989-1992

- GOV 2862 10 Fuel Spills [includes *Report on Environmental Services, BAR-1, Komakuk Beach, Y.T.*] D11-2 1988-1991
- GOV 2862 11 PCB Report - Quarterly D11-15 1989-1991
- GOV 2862 12 Energy Conservation D12 1990-1993
- GOV 2862 13 Food Service L1 1989-1992
- GOV 2862 14 Daily Ration Reports L1-1 1991-1993
- GOV 2862 15 PF Sequence Station Loading 1990-1993
- GOV 2862 16 Inventory - Fruit and Vegetables 1991-1993
- GOV 2862 17 Procurement - Fruit and Vegetables 1991-1993
- GOV 2862 18 Inventory - Dairy 1991-1993
- GOV 2863 1 Procurement - Dairy 1991-1993
- GOV 2863 2 Inventory - Meat, Fish, Freeze 1991-1993
- GOV 2863 3 Procurement - Meat, Fish, Freeze 1991-1993
- GOV 2863 4 Semi Annual Inventories L1-3 1991-1993
- GOV 2863 5 Inspection Reports L1-4 1990-1993
- GOV 2863 6 Chef's Requisitions L1-5 1992, 1993
- GOV 2863 7 Receipts L1-6 1992, 1993
- GOV 2863 8 Food Shipments (RDO's) L1-7 1992, 1993
- GOV 2868 [Armed Forces Recipe Service "Index of Recipes"] [Part 1 of 3] 1989
- GOV 2869 [Armed Forces Recipe Service "Index of Recipes"] [Part 2 of 3] 1989
- GOV 2870 [Armed Forces Recipe Service "Index of Recipes"] [Part 3 of 3] 1989
- GOV 2863 9 *Bar-1 DEWLine Station Komakuk Beach, Yukon Terr. Welcomes (Site Transition Visit)* [Site description] [198-?]
- GOV 2863 10 Arctic Clothing [Requests] L9-5 1990-1993
- GOV 2863 11 Retrograde Reports L10-3-1 1992
- GOV 2863 12 Operations - General 01 1991, 1992
- GOV 2863 13 Industrial and Social Relations [Miscellaneous memos, etc.] P 1992, 1993
- GOV 2863 14 Industrial and Social Relations - General P1 1987-1993
- GOV 2863 15 Workers Compensation P2 [198-?]
- GOV 2863 16 Training P4 1986-1993
- GOV 2863 17 Amusement and Recreation P5 1989-1992
- GOV 2863 18 Recreation Committee Activities Report Quarterly P5-2 1989-1993
- GOV 2863 19 Misconduct & Discipline P6 [198-?]
- GOV 2863 20 QCCL Index & Frequency Chart [checklist] Q1 1990
- GOV 2864 1 Monthly QCCL Reports [checklist] Q2 1991
- GOV 2864 2 Table of Authorized Daily Preventive Maintenance Checklists [19-]
- GOV 2864 3 Preventive Maintenance Scheduling file (First quarter) 1992

SERIES 4 - NECESSITY STORE RECORDS. — 1989-1993.

The files are primarily financial. They include transmittal and receipt forms, price and stock lists, and memos, and a permit to sell tobacco. For other material relating to the Necessity Store, see the following series: Station Files (GOV 2858, files 1 -3; GOV 2860, files 13 - 15) and Operations and Maintenance (GOV 2866, file 3).

- GOV 2864 4 Record of Accounts 1989-1991
- GOV 2864 5 [Memos re: stock orders] 1993
- GOV 2864 6 [Memos re: pricing, stock] 1991-1993
- GOV 2864 7 Necessity Store Transmittal and Receipt [Finance] 1993
- GOV 2864 8 Necessity Store Operator Transfer of Accountability 1990-1992
- GOV 2864 9 [Door signs with prices of merchandise] [198-], 1993

GOV 2864 10 TT2B Tobacco Retail Dealer's Permit [issued to: *FELEC Services, DEW Line Station*] 1990

GOV 2864 11 [Orders; includes items, prices, memo] 1992

SERIES 5 - KOMAKUK BEACH CLUB (RECREATION COMMITTEE) RECORDS. [196-?]-1993.

Each DEW Line station was encouraged to have a recreation committee. These files contain financial records, including meeting reports, a brief activity report, freight bills, a record of cheques, and liquor and food orders. This series also contains lists of the club's assets, such as glasses and televisions, sold to staff at low prices when the station prepared for closure. There is also one videocassette and the index to the music (record) collection. For other material relating to the Recreation Committee, see the following series: Station Files (GOV 2863 files 17 and 18) and Operations and Maintenance (GOV 2865, file 17).

GOV 2864 12 Kitchen Expenses; P.X. Purchases [Recreation Club finance] [19-]

GOV 2864 13 1989 Dead Files [Finance] 1989-1992

GOV 2864 14 CAN COM Services (Komakuk Beach Club) [Invoices re. Super Channel] 1990-1993

GOV 2864 15 Liquor Orders 1990-1993

GOV 2864 16 Inventory Forms; Master Bar CHIT [Blank forms] 1989-1993

GOV 2864 17 Contract Monitor Checklist Rules and Regulations 1989, 1990

GOV 2864 18 [Record of cheques] 1991, 1993

GOV 2864 19 Recreation Committee [Assets, activity report, inventory] 1992, 1993

GOV 2864 20 Recreation Committee Assets 1989-1992

GOV 2864 21 Free Nights & Gifts-Write-Offs 1990-1992

GOV 2864 22 Freight Bills 1989-1992

GOV 2864 23 Pop Purchases from Necessity Store 1991

GOV 2864 24 Meeting Reports 1989-1993

GOV 2864 25 Audit Reports 1988-1993

GOV 2864 26 Master Station Record Index [19-]

V-357 "*Building the DEW Line*" [VHS videocassette, approx. 1 hour] [196-?]

SERIES 6 - TECHNICAL INFORMATION AND INSTRUCTIONS. — [198-?]-1992.

The series consists of the index to DEW Line Instructions (DLI) and Identifying DEW Line Instructions (IDLI), and two indexes of Technical Orders (T.O.). These records list the operating and maintenance manuals for mechanical and electronic equipment at the station. The technical material in this series has been selected to provide evidence of equipment used at the BAR-1 station and of the specialized operations at the Communications and Electronics Facility.

GOV 2864 27 DLI-IDLI Index 1992

GOV 2864 28 T.O. Index (Site Publication Distribution-Technical Orders) Index 1992-1993

GOV 2865 1a, b DEW Line Maintenance Operations Instructions 1990-1992

GOV 2865 2 Garage T.O. Index [198-?]

SERIES 7 - FORMS. — 1992.

This series includes an index containing the following categories of forms: U.S.A. Hazardous Waste Labels, Canada Forms, Corporate and DEW Line Directive Forms, and U.S. Government Forms. The forms index appears to have been updated annually.

GOV 2865 3 DEW Line Forms Index 1992

SERIES 8 - SAFETY RECORDS. — 1973-1993.

This series includes fire equipment and alarm records, manuals, emergency action plans and one publication. Most of these items specifically refer to the DEW Line. They reflect the value of safety and emergency procedures at the site. For other material relating to safety, see Station Files: and GOV 2985, f. 17 and GOV 2866, f. 2.

- GOV 2865 4 WHMIS Inventory [Workplace Hazardous Material Information System; planning, procedures for implementation] 1989
- GOV 2865 5 Fire Equipment Checklist/Record 1989-1993
- GOV 2865 6 DEWLine Emergency Action/Disaster Preparedness Plan BAR-1 1990
- GOV 2865 7 [Project Order - WHMIS Training] [198-?]
- GOV 2865 8 American Petroleum Institute. "Staying Alive in the Arctic." 1973
- GOV 2865 9 COMSEC [Communications Security], E.A.P. (Emergency Action Plan), & COMSEC Review 1990-1992
- GOV 2865 10 Edwards Fire Alarm System [Operation, service record, plan] 1982-1987

SERIES 9 - OPERATIONS AND MAINTENANCE. — [1981?]-1993.

This series includes general information about BAR-1 procedures and operations during the last three years of operation. The DEW Orders, prepared by the head office in Virginia, contain manuals about administration, engineering, environmental protection and personnel procedures at the DEW Line stations, and good evidence of the basic services provided at the sites (for example, food and medical services, recreation committees, Necessity Stores). This series also includes inspection reports, activities and schedules, a PCB inventory, work orders (a sample year), and other items which reflect the regular operations at the site. The *DEW Line Facility Bar-1: Condition Inspection Report* (GOV 2867, file 2) contains colour photographs of the BAR-1 site and operations. This material, in addition to the Station Files and Technical Information and Instructions, demonstrates the degree of organization and routine on the DEW Line.

- GOV 2865 11 [Memos re: discipline] 1991
- GOV 2865 12 List of On-Site Equipment 1988
- GOV 2865 13 1992 DEW Line PCB Inventory 1992
- GOV 2865 14 DRCU Trouble Shooting Guide (Functional Description and Troubleshooting Guide Aux Site DRCU System) [Manual] [1981?]
- GOV 2865 15 CPET Inspections and Followups [Contractor Performance Evaluation Reports] 1989-1992
- GOV 2865 16 ACOE & Other Inspections [Reports re: personnel and equipment] 1988-1993
- GOV 2865 17a, b,c DEW Orders 0-1 thru 55-14 Book 1 (DEW System Orders and Instructions: Volume 1) 1992
- GOV 2866 1a,b,c DEW Orders 55-16 thru 85-2 Book 2 (DEW System Orders and Instructions: Volume IV) 1992
- GOV 2866 2a,b,c DEW Orders 85-3 thru 144-1 Book 3 (DEW System Orders and Instructions: Volume II) 1992
- GOV 2866 3a,b,c Book No. 4 D.O. 146-7 thru D.O. 205-4 (DEW System Orders and Instructions: Volume III) 1992
- GOV 2867 1a, b *DEW Line Automated Management Information System Manual (DAMISM) for Distant Early Warning System (DEWS) Stations*. DEW Line Supply Customer's Guide. 1992
- GOV 2867 2 ITT Federal Services Corporation. *DEWLine Facility Bar-1:Condition Inspection Report*. 1993
- GOV 2867 3a, b DEW Line Closure (Bar & Pin Sectors) Activities and Schedules, 1993 1991

- GOV 2867 4a, b Contract Monitor Checklist. DEW Line O&M Contract 1991
GOV 2867 5 Emergency Garage Generator (Operating log) 1990-1992
GOV 2867 6 End of Month Reports Water Sample Reports 1991
GOV 2867 7 Work Orders FY 1990 1990
GOV 2867 8 [Re: DEW Line Station Supervisors Handbook] 1990
GOV 2867 9 BCE Control Register AF #637 (Bar-1 Auxiliary Radar Station BCE Data -BCE Job Order Lob) 1990
GOV 2867 10 DEW Orders: 50-2 Trng & Cert Prgm; 55-5 EA/DPP; 100-2 OP Instr Admin Teletype Comms; 100-7 Sealift/Airlift Comms Plan; 205-4 Security Manual; 205-4-5 Training 1992

Brownie Shulist fonds

203 photographs : b&w copy negs
Copied 1984 (originally created [ca. 1942-1976])

Bronice “Brownie” Shulist was born in Timmins, Ontario on August 1922. He came to the Yukon in 1942 and worked on the construction of the Alaska Highway as a truck driver, heavy equipment operator, and dragline expert. He was also involved with dismantling the Whitehorse oil refinery, cleaning up after the burning of the sternwheelers, and photographing highway equipment and accidents. In the 1950s and 1960s Mr. Shulist worked Henry Besner's claim in the Burwash area and was an early employee of General Enterprises. Brownie Shulist died in Whitehorse February 20, 1984.

The fonds consists of b&w copy negatives and reference prints taken by Brownie Shulist and includes views of Alaska Highway construction equipment and machinery; the ceremonies involved with the handing over of the highway to Canada; views of DEW line operations; dismantling the oil refinery in Whitehorse, Yukon; cleaning up after the burning of the riverboats; the interior and exterior of the Whitehorse Hospital; and scenes of Cassiar, Whitehorse, and Burwash Landing. Identified people include Brownie and Inez Shulist, Prince Philip, Olive Mackenzie, Marie Cause, Phylis Prior, and Dave Price.

Edmonton Journal Yukon Photographs collection

96 photographs : b&w negs
Copied before 1982 (originally created 1977-1979)

The Edmonton Journal, a daily newspaper from Edmonton transfers its non-current photographs to the Provincial Archives of Alberta. The collection consists of copies of photographs taken for the *Edmonton Journal*, and selected for their Yukon content. Views include Dawson City, Discovery Days, a DEW Line site near Herschel Island, 1977-1979.

3.6- Hudson Bay Company Archives, Winnipeg, Manitoba

Edward Higham Fonds (E.342)

1958-1980

E.A. Higham (d. April 2001) was the Meteorological Inspector on the Distant Early Warning Line. He wrote weekly reports from April 1958 to January 1960, when he transferred from Cambridge Bay back to Calgary.

These fonds contain various articles and mementos documenting Higham's time in the North.

E.342/1 Photocopies of weekly DEW Line meteorological reports, 1958-1960

These weekly reports to the Director of the Meteorological Division of the Department of Transport date from 5 April 1958 to 30 January 1960. They were written from points across the Arctic including Clinton Point, Cambridge Bay, TukTuk, Lady Franklin, Cape Parry, Pearce Point, Shepherd's Bay, Hall Lake, Cape Peel, Bernard Harbour, Shingle Point, Matheson Point, Nicholson Point, Ross Point, King William, Jenny Lind (NWT), Bagnall Beach, and Kay Point (Yukon Territory).

E.342/3 Documentation, 1957-1980

Includes article on the DEW Line and two items from Higham's early days at Cambridge Bay.

Search Files: DEW Line; Discovery

Contain a number of newspaper clippings on the DEW Line from *The Polar Record*, *The Moccasin Telegraph*, etc.



Interior shot of the Distant Early Warning (DEW) Line construction camp dining hall in Driftwood Bay, Unalaska Island, 1958. DEW Line sites were constructed in the Aleutian Islands and other parts of Alaska forming a network of radar outposts. Driftwood Bay is on the north coast of Unalaska Island in the Aleutian Islands.

University of Alaska Anchorage. Consortium Library. Archives & Manuscripts Dept. Howard and Mabel Jonish. Papers, n.d., 1910-1935, 1943-1989. UAA-HMC-0428.

3.7- Archives in the United States

Alaska State Archives and Alaska State Library, Juneau, AK

AT&T Archives, Warren, NJ

Dwight D. Eisenhower Presidential Library and Museum, Abilene, KS

Library of Congress, Manuscript Division, Washington, DC

Lloyd V. Berkner Papers

Curtis E. LeMay Papers

Hoyt S. Vandenberg Papers

Lincoln Laboratory Archives, Lexington, MA

Massachusetts Institute of Technology Archives, Cambridge, MA

AC 4: Records of the President, 1930-58

AC 132:

National Archives and Records Administration, College Park, MD

RG 26 Records of the United States Coast Guard

RG 27 Records of the United States Weather Bureau

RG 59 Records of the Department of State

RG 218 Records of the Joint Chiefs of Staff

RG 226 Records of the Office of Strategic Services

RG 306 Records of the US Information Agency

RG 341 Records of Headquarters United States Air Force

RG 342 Records of the US Air Force – Commands, Activities and Organizations

National Archives and Records Administration, Pacific-Alaska Region, Anchorage, AK

National Library of Medicine, Bethesda, MD

M.C. Shelesnyak Papers

RAND Corporation Library, Santa Monica, CA

University of Alaska Anchorage, AK

Alaska Collection

Archives and Manuscripts Department

University of Alaska Fairbanks, AK

Alaska & Polar Regions Department, Elmer E. Rasmuson Library

Project Jukebox (oral histories)

SECTION 4.0 PUBLISHED SOURCES

4.1- The Globe and Mail, Toronto, ON**Search Term: Radar Line**

Author	Article Title	Date
Bain, George	Radar Line in Far North Undertaken	Saturday, November 20, 1954
Bain, George	Amount Needed on Radar System not Disclosed	Saturday, January 29, 1955
Bain, George	Navy, Air Force to Offer Help in Radar Line	Wednesday, February 23, 1955
n/a	Mapping Job Rushed to Enable Radar Line Start	Tuesday, March 1, 1955
n/a	Probe Air Fatalities (Ottawa Briefs)	Saturday, May 28, 1955
Hamilton, Grey	Drew Says Canadians Have Iron Curtain Against Eskimos	Wednesday, June 1, 1955
n/a	Authorities Peel Veil From Corner of DEW	Thursday, June 2, 1955
n/a	Howe Spurns Demand For Restricting Powers	Wednesday, June 8, 1955
n/a	Howe Promises Action to Get Steel Supply	Thursday, June 30, 1955
Hickey, Harvey	Filibuster, Estimates May Prolong Session of Commons in August	Monday, July 4, 1955
n/a	Use Sawdust and Hay to Salvage Big Plane	Tuesday, July 5, 1955
n/a	Copters Supply New Radar Base	Wednesday, July 13, 1955
n/a	Industry Lacks in Research, Commons Told	Saturday, July 16, 1955
Tumpane, Frank	On Civil Defence	Saturday, July 16, 1956
Hornick, James	Bright Future Seen For Port George VI	Tuesday, July 19, 1955
Bain, George	Ottawa Plans Radar Watch On Air Lanes	Saturday, August 13, 1955
n/a	Post To Air Officer Said Internal Matter	Wednesday, August 24, 1955
n/a	2 More Airmen Lost in Building Radar Network	Saturday, October 1st, 1955
n/a	Six Planes Lost, Airline Drops DEW Operations	Wednesday, Oct. 5, 1955
n/a	Arctic Wings Ltd., Central Northern Airlines to Merge	Monday, December 5th, 1955
n/a	Surprise Alert Sends RCAF, U.S. Jets Aloft	Tuesday, December 6, 1955
n/a	Helicopters Do Many Jobs on Arctic DEW Line	Thursday, December 15, 1955
n/a	Defense Awards Total \$15,220,291 During 2 Weeks	Tuesday, December 20, 1955
n/a	Canada Builders Expect to Top Record of 1955	Wednesday, December 28, 1955
n/a	DEW Line Silence (Ottawa Briefs)	Thursday, January 12, 1956
Bird, John.	Children Topsy, Rationing Faces Eskimo Liquor	Wednesday, January 18, 1956
n/a	PM to Inquire If DEW Line Hits Sovereignty	Saturday, March 24, 1956
Bain, George	Ottawa Letter	Monday March 26, 1956
n/a	Massey Sees Missions Help Arctic Children	Friday, March 30, 1956
n/a	Clearance for Radar Workers	Saturday, March 31, 1956
n/a	Campney, Wilson Plan Inspection of Radar Line	Saturday, March 31, 1956
n/a	Hellyer Outlines Defense Role of Education	Wednesday, April 4, 1956
n/a	Five Ministers Will Fly North on Radar Tour	Wednesday, April 4, 1957
n/a	U.S., Canada Officials Inspecting Radar Base	Saturday, April 7, 1956
Senter, James	Canada, U.S. Workers Change Face of North	Monday, April 9, 1956
Senter, James	Eskimo Gropes Toward New Life	Monday, April 16, 1956
n/a	Corporate Reports	Wednesday, April 18, 1956

Author	Article Title	Date
Delaplante, Don	Polar Bears On Island Defy Radar Line Crews	Thursday, May 10, 1956
n/a	Shooting of Girl Rule Accident	Monday, May 28, 1956)
Baldwin, Hanson	Incidents Abroad Seen Menacing U.S. Strategy	Tuesday, June 5, 1956
Hickey, Harvey	Army Standing Pat: Stronger Navy, Air Defense Stressed as Canada's Goal	Tuesday, June 19, 1956
n/a	Radar Line Raider Shot from Copter, Will Soon Be Rug	Wednesday, July 4, 1956
n/a	Millions Spent on Velvet Glove Said Not In Vane	Saturday, July 21, 1956
n/a	Ottawa Urged to Assert Claim To Arctic Tracts	Saturday, August 4, 1956
n/a	U.S. Helicopters Helping Canada on Radar Line	Wednesday, August 15, 1956
Cope, Michael	Steam Jets Melt Holes for Steel Post Foundations of Radar Line Buildings	Friday, September 21, 1956
n/a	Canadians Escort U.S. Navy Ship	Saturday, September 22, 1956
Leitch, Adelaide	Handicrafts Promote Healing in Northern Hospital	Thursday, December 6, 1956
n/a	Walsh Suggests Radar Tipoffs By U.S. Savant	Thursday, January 3, 1957
n/a	Section of Radar Line Opened On Schedule	Thursday, January 3, 1957
n/a	Education of Eskimo Controversial Subject	Tuesday, January 15, 1957
Davey, Clarck	Ottawa Spending in '57 May Top Wartime Peak	Wednesday, January 23, 1957
n/a	Defense Planners Fear Outflanking by Soviets	Wednesday, July 3, 1957
Sullivan, Walter	RCAF Plane Leads U.S. Cutters in Arctic	Monday, July 22, 1957
n/a	Radar Line is Travelled by Dietition	Wednesday, July 24, 1957
n/a	Crashed Plane Found by RCAF; No Sign of 4 Men	Friday, July 26, 1957
n/a	Dwarfed By Iceberg	Friday, August 9, 1957
Horne, George	DEW Supple Vessel Performs Unique Role	Saturday, August 24, 1957
n/a	Conventional Bomber Still Biggest Threat, Gen. Faulkes Asserts	Wednesday, August 28, 1957
Hickey, Harvey	Intercepting Planes Not War: Pearkes	Friday, December 6, 1957
Duffy, Robert	Counting the Cost	Saturday, December 7, 1957
n/a	Pearkes and McElroy Talk Defense Needs	Wednesday, August 6, 1958
Davey, Clarck	Will Review Defense Plan Next March	Wednesday, September 24, 1958
n/a	Need, Cost to Settle Arrow's Fate	Wednesday, September 24, 1959
n/a	Control Own Defense: Pearson	Monday, November 3, 1958
n/a	RCAF Takes Key Posts on DEW Line	Tuesday, January 20, 1959
Davey, Clarck	Canadair May Share Big Job	Wednesday February 11, 1959
n/a	Canadian Firm Gets U.S. Order, Value \$9,000,000	Friday, February 27, 1959
n/a	U.S. Remote-Controlled Bombers To Test DEW Line by Summer	Wednesday, May 13, 1959
Davey, Clarck	Pearkes Denies Officer's Claim Radar Line \$100,000,000 Blunder	Friday, August 14, 1959
n/a	n/a	Saturday, August 15, 1959
Duffy, Robert	n/a	Wednesday, August 9, 1959
Devitt, Vincent	Tape Recorder Helps Radar Line Romance	Monday, November 16, 1959
n/a	Reminds Hees Fraternization Against Rules	Wednesday, January 20, 1960
n/a	The High Cost of Warning	Saturday, March 19, 1960
n/a	Hees Won't Disclose Airline Supporters	Tuesday, July 19, 1960
n/a	U.S. and Canada Consider Swap of Jet Fighters	Friday, February 24, 1961

Author	Article Title	Date
n/a	Defense Against What?	Saturday, February 25, 1961
Cote, Lavigne	Ban on Contact With Eskimos Rescinded Two Years Ago: Dinsdale	Tuesday, May 23, 1961
n/a	Will Close Nine Radar Stations	Thursday, June 1, 1961
Gray, Walter	U.S.-Canada Plane Deal Confirmed	Tuesday, June 13, 1961
n/a	The Aircraft Deal	Tuesday, June 13, 1962
n/a	U.S. Senator Attacks Plans to Swap Planes	Wednesday, June 14, 1961
n/a	Voodoos for Canada Have Already Flown	Thursday, June 15 1961
n/a	Move to New Quarters Marks School's 17th Year	Monday, August 21, 1961
Gray, Walter	Harkness is Hopeful Of A-Arms Solution	Friday, September 15, 1961
n/a	RCAF Takes Over	Thursday, September 28, 1961
n/a	NOT in any way related to DEW Line--Contract announcement for Aircraft Radars. File Saved, regardless.	Tuesday, January 22 1963
n/a	Defense Sharing	Monday, June 3 1963
Dafoe, John	Arbitration on DEW Line	Saturday, September 26, 1964
n/a	Ottawa Backed Lowest Bidder, But Deal Lost	Wednesday, April 7, 1964
n/a	Chevier and Pickersgill Accused of Campaign Against Air Firm	Thursday, April 8 1964
n/a	Autair Loses Bid to Set Aside Rival Firm's Contract	Friday, April 9 1964
n/a	Profits Hit 5,000%,	Friday, June 18 1965
Bain, George	An Odd Arrangement	Friday, July 9, 1965
MacDonald, Bruce	U.S. Senate Passes Auto Free Trade Legislation	Friday, October 1, 1965
n/a	Montreal firm to build Ottawa River Bridge	Tuesday, July 12, 1966
n/a	NORAD must be debated	Saturday March 9, 1968

Search Term: DEW Line

Author	Article Title	Date
n/a	Ottawa Line to Fly Goods for DEW Radar	Monday, February 14, 1955
Bain, George	Conscription in Peace Unlikely, Ottawa View	Wednesday, March 30, 1955
n/a	Who Defends Canada?	Monday, May 23, 1955
n/a	Flies Arctic to Fight Gold Charge	Monday, May 30, 1955
n/a	Atom May Provide Electricity for Radar Chain	Tuesday, June 21, 1955
McIntosh, Dave	U.S. Outpaces Canada Building Radar Fence	Thursday, July 7, 1955
n/a	Radar Stations Manned Full Time, Says Ottawa	Saturday, September 3, 1955
Snaddon, Andrew	Letter From Alberta	Saturday, September 17, 1955
n/a	Crash Kills Two, Planes Grounded on DEW Airlift	Monday, September 19, 1955
n/a	126-Ship Fleet Flees Arctic's Grip	Thursday, September 22, 1955
n/a	Canoe Trip Leader Dies, 5 Others Safe	Monday, September 26, 1955
n/a	Northern Fire Believed Signal of Lost Airmen	Saturday, October 1 1955
n/a	USAF To Drop 500-Ton Dump in Antarctic	Monday, October 10 1955
n/a	34-Foot Letter Sent to Finance	Thursday, November 3 1955

Author	Article Title	Date
n/a	Research in Shipping Great Help to Army	Tuesday, November 8, 1955
Senter, James	Pilot's Association Launches Attack on Air Industry and Regulations	Tuesday, November 8, 1956
n/a	Second Fiddle in Own Field, Pilots Declare	Wednesday, November 9 1955
n/a	Canadian Pilots Consider Joining U.S. Association	Friday, November 11, 1955
Hornick, James	Purchase Makes PWA Third-Ranking Airline	Wednesday November 16, 1955
n/a	Arctic Seas No Place for Holiday	Saturday, November 19, 1955
Bain, George	Ottawa Letter	Saturday, December 10 1955
n/a	NATO to Span Europe With Air Warning Net Like DEW Radar Line	Friday, December 16, 1955
n/a	U.S. Technicians Seen Manning DEW Radar	Tuesday, January 10 1956
n/a	DEW Pay Seen Bad For Eskimo	Wednesday, February 15, 1956
Deacon, William Arthur	The Tundra Rolled On Majestic in its Monotony'	Saturday, March 3, 1956
n/a	RCAF Planes Watching Ice Islands Reds Using	Friday, March 16, 1956
McIntosh, Dave	U.S. Contractor to Run DEW Line	Wednesday, March 21, 1956
n/a	The Ostrich Complex	Thursday, March 22, 1956
Bain, George	Howe Predicts 80 Percent of DEW Staff Will be Canadians	Friday, March 23, 1956
n/a	Canadian Icebreaker To Assist Norwegians	Saturday, April 7, 1956
n/a	n/a	Monday, April 9, 1956
Senter, James	DEW Line to Provide 2 Hours Extra Warning in Attack	Tuesday, April 10, 1956
Senter, James	Even Soviet Knowledge Sought in Planning Arctic Sea Lift	Wednesday, April 11, 1956
Hamilton, Grey	Canada's Sovereignty In All Joint Projects Protected: St. Laurent	Thursday, April 12, 1956
Senter, James	Time Biggest Challenge in Landing DEW Line Materials on Arctic Beaches	Thursday, April 12, 1957
Senter, James	\$400,000,000 and 20 Lives Spent in Attempt to Bolster Northern Defenses of Continent	Friday, April 13, 1956
n/a	The Fly Leaf	Saturday, April 14, 1956
Hickey, Harvey	U.S. Envoy Criticized for Vancouver Speech	Wednesday, April 18, 1956
Leviero, Anthony	DEW Line to Stretch Along Aleutian Chain	Friday, April 20, 1956
n/a	Pilots Criticize Canadian Effort in DEW Supply	Monday, April 23, 1956
n/a	Temperature, Vapours Kept Under Control In DEW Line Buildings	Tuesday, April 24, 1956
Schrag, Lex	Metropolitan Toronto	Wednesday, April 25, 1956
n/a	Radio Electronic Television Schools	Thursday, April 26, 1956
Westfall, Stanley	Arctic Experiment Creates Strange School	Tuesday, May 1, 1956
Hickey, Harvey	Radio Service Ending Isolation of North Asked	Saturday, May 5, 1956
Westfall, Stanley	10,000 Years Separate DEW Line from Neighbouring Witch Doctor	Wednesday, May 9, 1956

Author	Article Title	Date
n/a	Amphibious Craft Upset in Sea, 3 Soldiers Drown	Wednesday, May 9, 1957
n/a	SOS Message Raises Hope Lost Pilot Safe	Monday, May 28, 1956)
n/a	Peacetime Fliers plan celebration of Club Week	Saturday, June 2, 1955
n/a	Pilots Refuse to Retract Fiasco Charges	Saturday, June 2, 1956
n/a	Cup of Coffee Treat for Pilot at Homecoming	Saturday, June 2, 1957
n/a	Radio Electronic Television Schools Expansion	Thursday, June 7, 1956
McIntosh, Dave	First DEW Line Units to be working by Fall	Tuesday, June 12, 1956
n/a	Explain Citizenship Benefits to Immigrants from the U.K	Wednesday, July 18, 1956
n/a	Occupy Far North of Lose it, MP Challenges Canadians	Friday, July 20, 1956
n/a	Radar Defense Chain Will Operate Jan.1	Friday, July 27, 1956
n/a	Early Retirement of Officers	Friday, August 10, 1956
n/a	Whining of Immature Over U.S. Influences Criticized by Underhill	Saturday, August 11, 1956
n/a	DEW Network Opening Set for July, 1957	Tuesday, August 28, 1956
Cope, Michael	Work Against Time and Weather on Early Warning Defense Line	Wednesday, September 19, 1956
Nickels, Nick	Big Airlift Supplies DEW Line, Mine Mecca	Thursday, September 27, 1956
n/a	The DEW Screen	Wednesday, October 10, 1956
n/a	25 Lives, 60 Planes Lost on DEW Line	Friday, November 2, 1956
n/a	Freight Anywhere	Saturday, April 6, 1957
n/a	Extend DEW Line Along Aleutians	Friday, May 17, 1957
n/a	Commonwealth Ties	Thursday, June 27, 1957
n/a	Steal Away To Pittsburgh	Monday, July 15, 1957
Sullivan, Walter	DEW Line Ships Find Open Water on North Route	Friday, July 19, 1957
n/a	78 Years Old But Still Behind on Boat Orders	Saturday, August 10, 1957
n/a	Toronto-Bound Airliner Crashes In Quebec, 79 Die	Monday, August 12, 1957
n/a	One Building Coming Up!	Saturday, September 28, 1957
n/a	High-Flying Welcome	Monday, September 30, 1957
n/a	Alaska Highway Cut As Bridge Collapses	Thursday, October 17, 1957
n/a	Bridge Collapse Blow to B.C.'s Northland	Friday, October 18, 1957
n/a	Anglican Church Army Trains for Hinterland Duty	Saturday, October 26, 1957
Cote, Langevin	Hinterland Growth Benefits Air Service	Tuesday, November 5, 1957
Duffy, Robert	Minding Your Business	Wednesday, November 20, 1957
Senter, James	Criticism Seen Over Changes in RCAF Auxiliary Squadrons' Role	Monday, December 9, 1957
n/a	PC's Lead Increased	Thursday, December 19, 1957
Dobson, Jack	Thrills and Chills Greet Fliers and Polar Bases	Thursday, December 19, 1958

Author	Article Title	Date
n/a	U.S. To Build Radar Chain for Missiles	Saturday, January 18, 1958
n/a	Will Train Eskimos	Tuesday, February 18, 1958
n/a	Churchill is Hub For Busy Arctic Airline	Saturday, March 1, 1958
n/a	Changes in North Described	Wednesday, March 12, 1958
n/a	The Gate	Thursday, March 27, 1958
n/a	Canada Angry at U.S.; Murrow	Thursday, April 3, 1958
n/a	Employment Opportunities	Tuesday, April 8, 1958
n/a	Atlantic DEW Line Speeded By Allies	Friday April 18, 1958
Davey, Clarck	DEW Line Outdated by Sputniks, New Surveys to be made in North	Thursday, May 22, 1958
Hickey, Harvey	New Steps By Partners Along Arctic Wall	Saturday, May 24, 1958
Hamilton, Grey	Reveal New Amplifier May Detect Missiles	Thursday, June 19, 1958
n/a	Plan U.S. Bases To Fuel Planes Over Canada	Thursday, June 26 1958
Davey, Clarck	Hopes Laid on Success of Arrow	Tuesday, July 8, 1958
Schrag, Lex	Frobisher Settlement Thrives as "Good Cheer" for Molders	Friday, July 25, 1958
Kitchen, George	Canada, U.S. Discuss A-Arms for RCAF	Tuesday, August 5, 1958
Gray, Walter	U.S. Polar-Curtain Shames Minister	Friday, August 15, 1958
n/a	The Liberals and the Line	Tuesday, August 26, 1958
n/a	Arctic Defence Work Unlocks Vast Wealth	Friday, September 5, 1958
Schrag, Lex	Mortgage Manor	Monday, October 20, 1958
n/a	Police, Coroner Views Differ in B.C. Death	Tuesday, November 11, 1958
Gray, Walter	Men Fight on Trail As Big Eye, Long Eye Curses of Antarctic	Monday, November 17, 1958
n/a	Engineering Administrators and Supervisors for Assignments in Northern Canada	Monday, November 17, 1959
Gray, Walter	Tractor Train to Cross Antarctic	Friday, November 21, 1958
Chricton, Robert	No Top Leader at NORAD Headquarters	Thursday, December 3, 1958
n/a	Both Nike and Knack Against ICBM's	Friday, January 9, 1958
n/a	Lesson of the DEW Line	Friday, January 23, 1959
n/a	Fur Shortage Hitting Eskimos, Missionary Says	Saturday, January 24, 1959
n/a	Arctic Visiting Rules Still Apply to Canada	Wednesday, February 11, 1959
Duffy, Robert	The Junior Partner and the DEW Line	Saturday, February 14, 1959
n/a	Advertisement for workers on the Line	Saturday, February 14, 1960
n/a	RCAF In Control of Main Posts On the DEW Line	Thursday, February 19, 1959
n/a	RCAF Facing Troubled and Changed Future	Monday, February 23, 1959
Davey, Clarck	Plea Made by Hellyer for Action	Tuesday, February 24, 1959
n/a	Press Views on the Arrow and Defense	Wednesday, February 25, 1959
n/a	DEW Line Details Withheld Since 1955	Saturday, February 28, 1959
Davey, Clarck	Canada Altering Prairie Airports to Handle U.S. Jet Interceptors	Tuesday, March 3, 1959
Gray, Walter	Crowded Northland is Foreseen	Tuesday, April 14, 1959
n/a	Canada to Supply Arctic Bases	Tuesday, April 21, 1959
n/a	Good-Bye To Dad	Saturday, May 2, 1959
n/a	The New Arctic	Tuesday, June 2, 1959

Author	Article Title	Date
n/a	Advertisement for workers on the Line	Friday, August 7, 1959
n/a	Massey Trip Into Arctic a Farewell	Saturday, August 8, 1959
n/a	DEW Line Visit Needs Approval of U.S., says M.P.	Thursday, September 24, 1959
n/a	Boredom Haunting DEW Line	Friday, November 27, 1959
Duffy, Robert	Time for some talk on defense	Saturday, November 28, 1959
n/a	Three Sane Alternatives to Defense	Monday, December 7, 1959
Gray, Walter	Jet Pilot Training a Problem	Thursday, December 10, 1959
Gray, Walter	Reports Firm Forbids Contact with Eskimo	Saturday, January 16, 1960
multiple	Readers' views on Canada's defense policies	Wednesday, March 30, 1960
Smith, Kenneth	Tugs Range Pacific from Juan de Fuca to Arctic	Saturday, April 23, 1960
Cute, Langevin	Helicopter Firm With Arctic Contract Had 6 Accidents, House Told	Thursday, April 28, 1960
n/a	Questions on Copter Spur Hees to Anger	Thursday, May 5, 1960
n/a	Arctic Expert Urges Increased Transport	Wednesday, June 6, 1960
Deane, Phillip	The Bomarc--Defense Against a Madman	Thursday, June 16, 1960
Westfall, Stanley	Seven Councillors in Yellow Hats	Wednesday, July 20, 1960
n/a	Advertisement for workers on the Line	Saturday, August 13, 1960
n/a	Works Plan Just Dole in Disguise: Givens	Thursday, October 13, 1960
n/a	Advertisement for workers on the Line	Saturday, November 26, 1960
Deane, Phillip	Afro-Asian Censure of UN Growing	Monday, December 12, 1960
n/a	For a Real Defense	Wednesday, January 11, 1961
n/a	Briefly	Saturday, February 18, 1961
Byfield, Ted	Agonized Liberals Learn Leaders Hard to Find	Saturday, April 1, 1961
n/a	Briefly	Wednesday, July 5, 1961
Hyman, Ralph	Flier Gives Manitoba Politics the Air	Saturday, November 25, 1961
n/a	Liberal's Widow Wins Northwest Territories	Thursday, June 21, 1962
West, Bruce	300 Huskies Disturb Arctic Night at Little Port on Mackenzie Delta	Tuesday, July 17, 1962
West, Bruce	The Old and New at Tuk	Wednesday, July 18, 1962
West, Bruce	DEW Line a Boon to Eskimo	Thursday, July 19, 1962
West, Bruce	Church Beneath Hill	Monday, September 17, 1962
n/a	Ad for Winter Clothes	Tuesday, September 25, 1962
V.A. Henry	Letters to the Editor	Saturday, March 30, 1963
n/a	OTTAWA	Friday, June 14, 1963
n/a	Union Recruits DEW Line Workers by Mail	Tuesday, June 25, 1963
n/a	Expect No DEW-Line Walkout; U.S. Operator Cancels Pay Cut	Tuesday, July 2, 1963
Westfall, Stanley	28 Stations on DEW Line Abandoned	Tuesday, July 16, 1963
n/a	Economy	Saturday, July 20, 1963
Gancia, David	Senior Construction Man Named Fair Deputy Chief	Friday, September 20, 1963
n/a	Tents and Igloos	Saturday, November 16, 1963
n/a	Separatists	Wednesday, November 27, 1963
Young, Scott	Now You See It, Now You Don't	Tuesday, June 18, 1964
Young, Scott	Tuktuk-by-the-Sea	Wednesday, June 24, 1964

Author	Article Title	Date
n/a	Dome Inventor for DEW Line Has New Type	Friday, July 17, 1964
n/a	Warning Line Could be Crippled As Strike Looms Over Wages	Monday, September 21, 1964
n/a	May Appoint Mediator In DEW Issue	Tuesday, September 22, 1964
n/a	Question Period	Thursday, October 1, 1964
Cheery, Zena	Vast Canada Impresses Canadian	Thursday, October 8, 1964
n/a	Across the Land--Summary of Canadian news--"Manitoba"	Saturday, October 24, 1964
n/a	Eskimos Still Facing Frobisher Bay Bias	Saturday, January 9, 1965
West, Bruce	Surplus Fans, Unite!	Friday, February 19, 1965
S.Henry Rosenburg, Q.C.	Economic Union	Saturday, March 13, 1965
Bain, George	A Little Ray of Sunshine	Tuesday, June 1, 1965
MacFarlane, George	Inventors Lightning Detector May Reduce B.C. Forest Fires	Wednesday, October 6, 1965
n/a	Dropout Rates Worry Canada's Future MDs	Monday October 11, 1965
n/a	Canadians Sought for Vietnam	Thursday, June 30, 1966
n/a	The World: Summaries: "North Atlantic"	Thursday, June 30, 1967
n/a	Girls Camped in North to Map Glacial History	Wednesday, September 7, 1966
Webster, Norman	Northern Transportation Lifeline to Western Arctic	Friday, September 30, 1966
Robertson, Fraser	Seven Communities Make up Churchill	Wednesday, October 12, 1966
n/a	2 Quebeckers to Span Nation on Snowmobiles	Saturday, December 31, 1966
n/a	245,000 Shares of TransAir Purchased by N.Y. Firm	Friday, May 5, 1967
Gellner, John	A Price Canada Will Have to Pay to Stay in NORAD	Monday, October 9, 1967
n/a	Advertisement for workers on the Line	Saturday, December 16, 1967
Gerard, Walter	Geodesic Domes Pondered	Wednesday, January 31, 1968
n/a	On Us!	Wednesday, June 5, 1968
Bowles, Sheldon	New TransAir Chief Faces Tough Problems--Improving Profit, entering pure jet age	Friday, October 11, 1968
n/a	Gallant Try	Saturday, December 14, 1968
n/a	On the Flat Flood Plains of the Mackenzie an isolated rig marks a new search for oil	Thursday, February 13, 1969
n/a	Advertisement for workers on the Line	Wednesday, March 5, 1969
Young, Scott	Canada may play a role in NORAD plan for the protection of U.S.	Thursday, April 10, 1969
n/a	Arctic Excitement laid on for Michener Tour	Saturday, April 12, 1969
Gellner, John	Defense and dollars: what our new force could cost	Saturday, April 12, 1970
n/a	Canada; Summaries	Saturday, April 12, 1971
n/a	Once More--Northward Ho!	Wednesday, April 23, 1969
n/a	A Viceregel Chat in the Farthest North	Friday, May 2, 1969
n/a	Cadieux backs new system for defenses	Friday, May 9, 1969
n/a	Defense System	Friday, May 9, 1970

Author	Article Title	Date
Young, Scott	An icy invitation that has people sizzling	Wednesday, June 29, 1969
n/a	Radio phone for Mackenzie Delta	Thursday, July 24, 1969
West, Bruce	Jobs for Eskimos	Tuesday, December 16, 1969
n/a	Advertisement for workers on the Line	Friday, July 31, 1970
n/a	Chrétien Reassure Eskimos	Monday, August 17, 1970
Romain, Ken	CTC Told Canadian Air Industry could be left behind in Arctic	Friday, August 21, 1970
n/a	U.S, Canada set up rescue plan for major arctic plane accidents	Thursday, November 19, 1970
n/a	Two Carriers battle for dollars on 2000-Mile Mackenzie	Tuesday, December 29, 1970
Scrivener, Paul	Following the whale's wake with the hunters from Tuk	Tuesday, August 17, 1971
Walpole, mary	Ad for DEW Line Deck of Cards	Wednesday, December 15, 1971
Newman, Roger	TransAir Chief Plugging Churchill for Top northern base	Thursday, April 27, 1972
n/a	Firm Denies blocking flight of councillor	Saturday, July 1, 1972
n/a	Nordair contract Is extended	Wednesday, July 5, 1972
Sigurdson, Albert	Sixteen vessel-trips contracted as Arctic resupply season begins	Thursday, July 20, 1972
Steckles, Gary	\$16 Million ice-scanning job adds to diversity of Nordair	Tuesday, August 1, 1972
n/a	Oily Prank	Tuesday, August 8, 1972
Gellner, John	The Neglect of Canada's defense set-up	Friday, September 15, 1972
n/a	240 Employees go on strike at Nordair	Wednesday, November 15, 1972
n/a	Two rescued after plane forced down	Monday, November 27, 1972
Wills, Terrance	Canada will renew NORAD defense Agreement, Richardson says	Tuesday, February 6, 1973
Young, Scott	No Data on busts	Wednesday, February 7, 1973
n/a	Dogs die, food runs out; sled trip continues	Friday, March 23, 1973
Romain, Ken	Increase in Fares would enhance outlook for regional air carriers	Thursday, September 20, 1973
Carruthers, Jeff	Few in Ottawa know of secret NRC group	Friday, January 11, 1974
Cleroux, Richard	Land Claims Main Issue in NWT	Saturday, June 29, 1974
Lind, Loren	Goldrick: modest PhD in Politics	Tuesday, September 3, 1974
Anderson, Ronald	Empire Builders	Friday, January 17, 1975
Gellner, John	How intelligence work can work for the common good	Saturday, March 29, 1975
n/a	Advertisement for workers on the Line	Friday, August 8, 1975
n/a	Advertisement for workers on the Line	Tuesday, August 12, 1975
n/a	Advertisement for workers on the Line	Wednesday, August 13, 1975
Grant, Donald	Father, 38, Dreams of becoming a lawyer	Thursday, September 11, 1975
West, Bruce	Heart Rending	Monday, November 24, 1975

4.2- THE FINANCIAL POST, Toronto, ON

Author	Article Title	Date
n/a	Big Buildings for Defense	21 February 1953
Barkway, Michael	Will We Let U.S. Take Over the Arctic?	18 July 1953
Barkway, Michael	Dilemmas in Defending Our Arctic	27 June 1953
Barkway, Michael	...And We Learn More About the Arctic	31 July 1954
n/a	This News Spells \$100 Millions	29 January 1955
n/a	Canada Gets Ready to Build Dew-Line	12 February 1955
n/a	3,500 Defense Job Contracts Cover All Kinds of Construction Fields	16 February 1957
n/a	River Route to Supply Arctic DEW Line Bases	6 April 1957
n/a	Defense 1957-58 Costs Drop as Major Projects Near End	2 November 1957
Wilson, Leslie	Canada Supplying Arctic: Big Gain for Sovereignty	27 September 1958
n/a	\$1 Billion Defence Contracts Provided Jobs Here, Abroad	21 February 1959
Fowke, Clifford	A Policy that Paid Off	23 May 1959
n/a	Do We Own Water & Ice Around Arctic Islands?	10 October 1959
n/a	DCL Winter Projects Worth \$125 Million in Contracts	7 January 1961
Baxter, Clive	Here is the Full Defence Story	23 February 1963

4.3- Other Print Media

“Bob Shaw...From Ditches to DEW-Line.” Time (Canadian Edition), 12 August 1957, 1.

“The Hidden Struggle for the H-Bomb.” Fortune 47.5 (1953): 109-10, 230.

Allen, Ralph. “Will Dewline Cost Canada Its Northland?” Macleans 1956: 16-17, 68-72.

Baldwin, Hanson W. “America's New Frontier - the Arctic.” The New York Times Magazine March 17, 1946: 12-13.

Cohen, Maxwell. “Polar Ice and Arctic Sovereignty,” Saturday Night, 30 August 1958: 12-13, 25, 34, 36.

Edinborough, Arnold. “A Story of Waste on the Mid-Canada Line.” Saturday Night, 14 March 1959: 9-13, 49.

_____. “The Administrative Muddle of the Mid-Canada Line,” Saturday Night, 28 March 1959: 9-11, 48.

Murphy, Charles J. V. "The U.S. As a Bombing Target." Fortune 48.5 (1953): 118-21, 219-28.

Owen, Russell. "The Arctic." The New York Times Magazine 1947: 12-13, 47.

Roberts, Leslie. "The Great Assault on the Arctic." Harper's 211.1263 (1955): 37-42.

_____. "Should We Bring Our NATO Troops Home?" Saturday Night, 29 October 1955: 7-8.

_____. "Canada and the United States, Partners against Attack." Reader's Digest 49.292 (1946): 53-58.

Young, Michael. "Arctic War is Different." Saturday Night (14 March 1950): 11.

_____. "'Cold War' in the North-West." Saturday Night (21 February 1950): 12.

_____. "Defence Dilemma on North Frontier." Saturday Night (13 October 1951): 28, 30.

4.4- Contemporary Journal Articles

"Top of the World: The National Geographic Society's New Map of Northlands." National Geographic 96.4 (1949): 524-28.

Bagnall, V. B. "Operation Dew Line." Journal of the Franklin Institute 259.6 (1955): 481-90.

Berkner, Lloyd V. "Continental Defense." Current History 26.153 (1954): 257-62.

Camsell, Charles. "The New North." Canadian Geographical Journal 33.6 (1946): 264-77.

Conant, Melvin. "Canada and Continental Defence: An American View." International Journal 15.3 (Summer 1960): 219-28.

Keenleyside, H. L. "Recent Developments in the Canadian North." Canadian Geographical Journal 39.4 (1949): 156-76.

Komen, Marvin M. "Aviation - the Key to Alaska's Development." The Journal of Geography 45.4 (1946): 129-41.

La Fay, Howard. "Dew Line: Sentry of the Far North." National Geographic 114.1 (1958): 128-46.

Lloyd, Trevor. "Canada's Strategic North." International Journal 2.2 (1947): 144-49.

_____. "Frontier of Destiny - the Canadian Arctic." Behind the Headlines 6.7 (1946): 1-16.

- _____. "New Perspectives on the North." *Foreign Affairs* 42 (January 1964): 293-308.
- _____. "Open Skies in the Arctic?" *International Journal* 14.1 (Winter 1958-59): 42-49.
- Marshall, C.J. "North America's Distant Early Warning Line." *Geographical Magazine* 29.12 (1957): 616-28.
- Pearson, L. B. "Canada Looks 'Down North.'" *Foreign Affairs* 24.4 (1946): 638-47.
- _____. "Canada's Northern Horizons." *Foreign Affairs* 31.4 (1953): 581-91.
- Phillips, R.A.J. "Canada and Russia in the Arctic." *Behind the Headlines* 16.4. Toronto: Canadian Institute of International Affairs, 1956.
- _____. "No Cold War in the Arctic." *Canadian Forum* (January 1956): 222-24.
- Ritchie, Ronald S. "Problems of a Defence Policy for Canada." *International Journal* 4:3 (Summer 1959): 202-12.
- Rowley, Graham. "Settlement and Transportation in the Canadian North." *Arctic* 7.3-4 (1954): 336-42.
- Teal Jr., John J. "Alaska, Fulcrum of Power." *Foreign Affairs* 27.1 (1948): 86-95.
- Thomson, Andrew. "The Growth of Meteorological Knowledge of the Canadian Arctic." *Arctic* 1.1 (1948): 34-43.
- Wilson, J. Tuzo. "Winter Manoeuvres in Canada." *Canadian Geographical Journal* 32.2 (1946): 88-100.

4.5- Government Publications

- "U.S.-Canadian Agreement on Distant Early Warning System." *Department of State Bulletin* 33.836 (1955): 22-25.
- Canada. Department of Foreign Affairs and International Trade. *Documents on Canadian External Relations*. Vols. 19-24 (1953-57). Ottawa: Department of Foreign Affairs and International Trade.
- Diubaldo, R.J. *The Government of Canada and the Inuit, 1900 to 1967*. Ottawa: Department of Indian and Northern Affairs, 1985.
- Diubaldo, R.J. and S.J. Scheinberg. *A Study of Canadian-American Defence Policy (1945-1975) – Northern Issues and Strategic Resources*. ORAE Extra-Mural Paper No. 6. Ottawa: Department of National Defence, December 1978.

- Ferguson, J.D. The Human Ecology and Social and Economic Change in the Community of Tuktoyaktuk, N.W.T. Ottawa: Northern Coordination and Research Centre, Department of Northern Affairs and National Resources, February 1961.
- _____. A Study of the Effects of the D.E.W. Line Upon the Eskimo of the Western Arctic of Canada. Ottawa: Northern Research Coordination Centre, Department of Northern Affairs and National Resources, April 1957.
- Freeman, M.M.R. 1976. Inuit Land Use and Occupancy Project. Ottawa, Minister of Supply and Services.
- Goodspeed, Captain D. J. A History of the Defence Research Board of Canada. Ottawa: Queen's Printer, 1958.
- Howard, Richard A. Down in the North: An Analysis of Survival Experiences in Arctic Areas. Maxwell AFB: Arctic, Desert, Tropic Information Center, Air University, April 1953.
- Lotz, J. R., ed. Government Research and Surveys in the Canadian North 1956-61. Ottawa: Northern Co-ordination and Research Centre, Department of Northern Affairs and Natural Resources, January 1963.
- Meldrum, Sheila MacBain. Frobisher Bay: An Area Economic Survey, 1966-1969. A.E.S.R. #66/3. Ottawa: Department of Indian Affairs and Northern Development, 1975.
- Office of Armed Forces Information and Education, Department of Defense. The Arctic: A Hot Spot of Free World Defense. Washington: U.S. Government Printing Office, 1958.
- Rowley, Graham. The Role of the Advisory Committee on Northern Development in the Development of Policy and the Coordination of Federal Government Activities in Northern Canada. Ottawa: Indian and Northern Affairs Canada, March 1992.
- Schaffel, Kenneth. The Emerging Shield: The Air Force and the Evolution of Continental Air Defense, 1945-1960. Washington: Office of Air Force History, 1991.
- Smith, Gordon. Canada's Arctic Archipelago: 100 Years of Canadian Jurisdiction. Ottawa: Department of Indian Affairs and Northern Development, 1980.
- _____. Territorial Sovereignty in the Canadian North: A Historical Outline of the Problem. Ottawa: Department of Northern Affairs and Natural Resources, July 1963.
- United States. Department of State. Foreign Relations of the United States. Washington: United States Government Printing Office.

United States. Department of State. United States Treaties and other International Agreements. Washington: United States Government Printing Office.

United States Army, Alaska. Building Alaska with the US Army, 1867-1962 (Pamphlet No. 355-5). Seattle: Headquarters, US Army, Alaska, August 10, 1962.

US Navy, Department of the. Naval Arctic Operations Handbook.: Arctic and Cold Weather Coordinating Committee of the Office of Chief of Naval Operations, 1949.

Winkler, David F. Searching the Skies: The Legacy of the United States Cold War Defense Radar Program. Langley, VA: United States Air Force Combat Command, 1997.

4.6- Corporate Histories

The Dew Line Story.: Western Electric Company, n.d.

The Dew System. Paramus, NJ: Federal Electric Corporation, n.d.

Manning the Dew Line. New York: International Telephone and Telegraph Corporation, 1960.

Adams, Stephen B., and Orville R. Butler. Manufacturing the Future: A History of Western Electric. Cambridge: Cambridge University Press, 1999.

Defense Research Board: The First Twenty-Five Years. Ottawa: Department of National Defence, April 1972.

Fagen, M.D., ed. A History of Engineering and Science in the Bell System: National Service in War and Peace (1925-1975). ? : Bell Telephone Laboratories, 1978.

Freeman, Eva C., ed. MIT Lincoln Laboratory: Technology in the National Interest. Lexington: Lincoln Laboratory, 1995.

Radford, William H. "M.I.T. Lincoln Laboratory: Its Origin and First Decade." Technology Review 64.3 (1962): 15-25.

Serig, H.W. Project Lincoln. Washington, DC: Air Force History Support Office, 1952.

Shelesnyak, M.C. "Arctic Research Laboratory, Office of Naval Research, Point Barrow, Alaska." Science 107 (March 19, 1948): 283.

Shelesnyak, M. C. "The History of the Arctic Research Laboratory (under Contract with the Office of Naval Research), Point Barrow, Alaska." Arctic 1.2 (1948): 97-106.

4.7- Professional Journal Articles

- “Air Defense of North America.” Air Force Magazine 40.8 (1957): 251-59.
- “America and Polar Geopolitics.” Army Talk 173 (1947): 1-9.
- “Bombing Polar Ice.” Science Digest 19.5 (1946): 69.
- “Cold Conquest.” Scientific American 168.5 (1943): 198.
- “The DEW Line: Canada's first Arctic coast mega-project,” Beaufort 2.1 (Aug. 1982): 4-6.
- “The Emerging Shield.” Air University Quarterly Review 8.2 (1956): 49-69.
- “Issue on Defense, Norad, and Dew/Radar.” Canadian Aviation 31.2 (1958): 35-43.
- “The North.” The Canadian Architect 3.11 (1958): 36-43.
- “Radar in the Far North.” The Economist 174.5818 (1955): 716, 19.
- “A Review of the Dew Line.” The Engineering Journal 40.11 (1957): 1665-70.
- “Special Arctic Issue.” The Roundel 12.4 (1960).
- “The Truth About Our Air Defense.” Air Force Magazine 36.5 (1953): 25-29, 34, 36.
- Arctic Circular. (1948-59).
- Blakeney, Lt. Col. Thomas O. “The Security of Alaska and the Tundra Army.” Military Review 32 (1952): 3-12.
- Bolliger, Major Kurt. “Argus Eyes and Electronic Brains Protect the North American Continent.” Interavia 12.6 (1957): 578-81.
- Bouchard, Captain Joseph F. “Guarding the Cold War Ramparts: The U.S. Navy's Role in Continental Air Defense.” Naval War College Review. (1999).
- Bowermaster, Jon. “The Last Front of the Cold War.” Atlantic. (1993).
- Bowman, Isaiah. “Geographical Objectives in the Polar Regions.” Photogrammetric Engineering 15 (1949): 6-12.
- Boyne, Walter J. “The Rise of Air Defense.” Air Force Magazine 82.12 (1999).
- Brannian, James D. “Siting the Dew Line Radar Stations.” Engineering and Contract Record 70.7 (1957): 53-55, 171-78, 95-97, 202, 07-11.

- _____, M. S. Cheever, and C. W. Walker. "Building the Dew Line." Engineering and Contract Record 70.6 (1957): 57-67, 80.
- _____, Frank J. Donohue, and Attilio Baltera. "W. E. Engineering for the Dew Line - I. Siting, Design, and Construction." Western Electric Engineer 1.3 (1957): 2-11.
- Cheever, M. S. "Construction on the Dew Line." Engineering and Contract Record 70.8 (1957): 53-57, 193-99.
- Corddry, Charles. "Buying-Time: The U.S. And Canadian Radar Warning Chains." Interavia 12.6 (1957): 566-68.
- Doherty, T/Sgt. James R. "Probing the Northern Radar Shield." Air Force Magazine 41.7 (1958): 48-50, 53 [incomplete].
- _____. "Top Cover for America...Alaskan Air Command." Air Force Magazine 41.1 (1958): 52-59.
- Dunwoody, Derm. "Arctic Crossroads of the Air." Imperial Oil Review 41.6 (December 1957): 19-22.
- Flanders, H. F. "Contributions of the Dew-Line in Arctic Engineering." Eighth Alaskan Science Conference. Anchorage: Alaska Division, American Association for the Advancement of Science, 1957. 53-65.
- French, S.G. "The Mid-Canada Line (3 Parts)." The Roundel 10.3 (1958): 2-5, 331-32 (10-15, 12-18).
- Goyette, Harold B. "Dew Line Canada-Iceland Link." The Military Engineer 54 (1962): 325-28.
- Harwood, T. A. "Dew Line Site Selection and Exploration." Permafrost International Conference. Purdue University: National Academy of Sciences - National Research Council, 1963. 359-63.
- Hemphill, Ernie. "The near North." Canadian Aviation 29.7 (1956): 48-50, 62.
- IEEE Transactions on Aerospace and Electronic Systems 24.6 (1988): 833-37.
- Klass, Philip J. "Dew Line Demonstrates Effectiveness." Aviation Week 71.9 (1959): 66-79.
- Kiernan Jr., Lieutenant William J. "Modern Triumph in the Northern Ice." United States Naval Institute Proceedings 83.7 (1957): 742-52.
- Lindgren, Nilo. "Ten Years of Dewline." IEEE Spectrum 3.12 (1966): 57-62.

- Lloyd, Trevor. "Arctic Air Transport." Air Affairs 1.2 (1946): 218-32.
- Martin, Captain B. "Life on the Dew Line." Canadian Forces Sentinel 4.3 (1968): 24-27.
- Plischke, Elmer. "Trans-Arctic Aviation." Economic Geography 19.3 (1943): 283-91.
- Pruitt, Evelyn L. "Onr's Geographic Research Program." Naval Research Reviews. (April 1960): 1-9.
- Quam, Louis O. "Scientific Excursion to the Arctic." Naval Research Reviews. (February 1962): 1-4.
- Sater, John E. "The Navy Explores Its Northern Frontiers." Journal of the American Society of Naval Engineers 59.4 (1947): 471-85.
- Stefansson, Vilhjamur. "The Arctic." Air Affairs 3.2 (1950): 391-402.
- Thorne, Major D. H. "The Mid-Canada Line." High Flight 2.4 (1982): 142-52.
- Wilson, J. D. "Arctic Construction." Military Engineer 41.282 (1949): 258-60.

4.8- Books

- Barber, Joseph. Good Fences Make Good Neighbors: Why the United States Provokes Canadians. Toronto: McClelland and Stewart, 1958.
- Bercuson, David. True Patriot: The Life of Brooke Claxton, 1898-1960. Toronto: University of Toronto Press, 1993.
- Berton, Pierre. The Mysterious North. New York: Alfred A. Knopf, 1956.
- Blanchette, Arthur, ed. Canadian Foreign Policy 1955-1965: Selected Speeches and Documents. Toronto: McClelland and Stewart, 1977.
- Bland, Douglas L. The Administration of Defence Policy in Canada, 1947 to 1985. Kingston: Ronald P. Frye and Company, 1987.
- _____, ed. Canada's National Defence. 2 vols. Kingston: School of Policy Studies, Queen's University, 1997.
- Bothwell, Robert. Canada and the United States: The Politics of Partnership. Toronto: University of Toronto Press, 1992.

- Bothwell, Robert, Ian M. Drummond, and John English. Canada Since 1945: Power, Politics and Provincialism. rev. ed. Toronto: University of Toronto Press, 1989.
- Bruce-Briggs, B. The Shield of Faith: A Chronicle of Strategic Defense from Zeppelins to Star Wars. New York: Simon and Schuster, 1988, 1988.
- Buderi, R. The Invention that Changed the World: How a Small Group of Radar Pioneers Won the Second World War and Launched a Technological Revolution. New York: Touchstone, 1996.
- Carlson, William S. Lifelines through the Arctic. New York: Duell, Sloan and Pearce, 1962.
- Charo, Arthur. Continental Air Defense: A Neglected Aspect of Strategic Defense. Harvard University: Centre for Science and International Affairs Occasional Paper No. 7, 1990.
- Chaturvedi, Sanjay. The Polar Regions: A Political Geography. Chichester, UK: John Wiley and Sons, 1996.
- Cimbala, Stephen J., ed. Strategic Air Defense. Wilmington: Scholarly Resources Books, 1989.
- Clearwater, John. Canadian Nuclear Weapons: The Untold Story of Canada's Cold War Arsenal. Toronto: Dundurn, 1997.
- _____. U.S. Nuclear Weapons in Canada. Toronto: Dundurn, 1999.
- Cloe, John Haile, and Michael F. Monaghan. Top Cover for America: The Air Force in Alaska, 1920-1983. Anchorage: Air Force Association, 1984.
- Coates, Kenneth A. Best Left as Indians: Native-White Relations in the Yukon Territory, 1840-1973. Montreal and Kingston: McGill-Queen's University Press, 1991.
- Coates, K., and W. R. Morrison. Working the North: Labor and the Northwest Defense Projects 1942-1946. Anchorage: University of Alaska Press, 1994.
- Colby, C. B. Operation Watchdog: Rockets, Guided Missiles, Aircraft and Radar of Our Defenses. New York: Coward-McCann, 1956.
- Conant, Melvin. The Long Polar Watch: Canada and the Defense of North America. New York: Harper and Brothers, 1962.
- Creighton, Donald. The Forked Road: Canada, 1939-1957. Toronto: McClelland and Stewart, 1977.
- Crosby, Ann Denholm. Dilemmas in Defence Decision-Making: Constructing Canada's Role in NORAD, 1958-96. New York: St. Martin's Press, 1998.

- Cuff, R.D. and Granatstein, J.L. Canadian-American Relations in Wartime: From the Great War to the Cold War. Toronto: Hakkert, 1975.
- Dawson, C. A., ed. The New Northwest. Toronto: University of Toronto Press, 1947.
- Donaghy, Greg. Tolerant Allies: Canada and the United States, 1963-1968. Montreal & Kingston: McGill Queen's University Press, 2002.
- Dosman, Edgar, ed. Sovereignty and Security in the Arctic. London: Routledge, 1989.
- Duffy, R.Q. The Road to Nunavut: The Progress of Eastern Arctic Inuit since the Second World War. Montreal and Kingston: McGill-Queen's University Press, 1988.
- Dunbar, Moira, and Keith R. Greenaway. Arctic Canada from the Air. Ottawa: Defence Research Board, 1956.
- Eayrs, J. In Defence of Canada: Peacemaking and Deterrence. Toronto: University of Toronto Press, 1972.
- Elliot-Meisel, Elizabeth B. Arctic Diplomacy: Canada and the United States in the Northwest Passage. New York: Peter Lang, 1998.
- Friedman, Norman. The Fifty-Year War: Conflict and Strategy in the Cold War. Annapolis: Naval Institute Press, 2000.
- Friis, Herman R., and Shelby G. Bale Jr., eds. United States Polar Exploration. Athens: Ohio University Press, 1970.
- Futrell, Robert Frank. Ideas, Concepts, Doctrine: Basic Thinking in the United States Air Force, 1907-1960. Maxwell Air Force Base, Alabama: Air University Press, 1989.
- Gage, S.R. Forgotten Places in the North. Oakville, Ontario: Mosaic Press, 2001.
- Gould, Laurence M. The Polar Regions in Their Relation to Human Affairs. New York: The American Geographical Society, 1958.
- Granatstein, J.L. Canada 1957-1967. Toronto: McClelland and Stewart, 1986.
- _____. How Britain's Weakness Forced Canada into the Arms of the United States. Toronto: University of Toronto Press, 1989.
- _____. The Ottawa Men: The Civil Service Mandarins, 1935-1957. Toronto: Oxford University Press, 1982.

- Granatstein, J.L., and Norman Hillmer. For Better or for Worse: Canada and the United States to the 1990s. Toronto: Copp Clark Pitman, 1991.
- Grant, Shelagh D. Sovereignty or Security: Government Policy in the Canadian North, 1936-1950. Vancouver: University of British Columbia Press, 1988.
- Green, Dianne. In Direct Touch with the Wide World: Telecommunications in the North, 1865-1992. Whitehorse: NorthwesTel, 1992.
- Greenaway, Keith R. Arctic Air Navigation. Ottawa: Defence Research Board / King's Printer, 1951.
- Grierson, John. Challenge to the Poles: Highlights of Arctic and Antarctic Aviation. London: G.T. Foulis and Co., 1964.
- Hamilton, John David. Arctic Revolution: Social Change in the Northwest Territories, 1935-1994. Toronto: Dundurn Press, 1994.
- Heeney, Arnold. The Things that are Caesar's: Memoirs of a Canadian public servant. Toronto: University of Toronto Press, 1972.
- Hilliker, John, and Donald Barry. Canada's Department of External Affairs, Volume II: Coming of Age, 1946-1968. Montreal and Kingston: McGill-Queen's University Press, 1995.
- Hillmer, Norman, and J.L. Granatstein, Empire to Umpire: Canada and the World to the 1990s. Toronto: Copp Clark Longman, 1994.
- Holliday, Joseph. Dale of the Mounted: DEW Line Duty. Toronto: T. Allen, 1957.
- Holmes, John W. The Shaping of Peace: Canada and the Search for World Order 1943-1957, Volumes 1-2. Toronto: University of Toronto Press, 1979.
- Holmes, K.J. The History of the Canadian Military Engineers: Volume III, to 1971. ed. J.R. Newell. Toronto: Military Engineering Institute of Canada, 1997.
- Hulan, Renée. Northern Experience and the Myths of Canadian Culture. Montreal and Kingston: McGill-Queens University Press, 2002.
- Huntington, Samuel P. The Common Defense: Strategic Programs in National Politics. New York: Columbia University Press, 1961.
- Jacobs, John F. The Sage Air Defense System: A Personal History. Bedford, Mass: The MITRE Corporation, 1986.

Jenness, Diamond. Eskimo Administration: II. Canada.: Arctic Institute of North America Technical Paper #14, May 1964.

Jockel, Joseph T. No Boundaries Upstairs: Canada, the United States, and the Origins of North American Air Defense, 1945-1958. Vancouver: UBC Press, 1987.

Jones, Stephen B. The Arctic: Problems and Possibilities (Memorandum Number 29). New Haven: Yale Institute of International Studies, December 20, 1948.

Kaplan, Fred. The Wizards of Armageddon. New York: Simon and Schuster, 1983.

Keenleyside, Hugh L. Memoirs of Hugh L. Keenleyside, Volume 2: On the Bridge of Time. Toronto: McClelland and Stewart, 1982.

Keirstead, B.S. Canada in World Affairs: September 1951 to October 1953. Toronto: Oxford University Press, 1956.

Kyba, Patrick. Alvin: A Biography of the Honourable Alvin Hamilton, P.C. Regina: Canadian Plains Research Center, 1989.

Lindsey, George. The Strategic Defence of North America. Toronto: Canadian Institute of Strategic Studies, 1986.

Lloyd, Trevor. Canada in World Affairs: 1957-1959. Toronto: Oxford University Press, 1968.

MacDonald, R. St. J., ed. The Arctic Frontier. Toronto: University of Toronto Press, 1966.

Masters, D.C. Canada in World Affairs: 1953 to 1955. Toronto: Oxford University Press, 1959.

McInnis, Edgar. The Atlantic Triangle and the Cold War. Toronto: University of Toronto Press, 1959.

McLin, Jon B. Canada's changing defence policy, 1957-1963: The Problems of a Middle Power in Alliance. Baltimore: Johns Hopkins Press, 1967.

McMahon, Kevin. Arctic Twilight. Toronto: James Lorimer, 1988.

McVicar, Donald M. Distant Early Warning. Dorval, Quebec: Ad Astra Books, 1992.

Minifie, James. Open at the Top. Toronto: McClelland and Stewart, 1964.

_____. Peacemaker or Powdermonkey? Toronto: McClelland and Stewart, 1960.

Morenus, Richard. Dew Line: Distant Early Warning, the Miracle of America's First Line of Defense. New York: Rand McNally and Company, 1957.

- NBC Group. A History of the Air Defence of Canada, 1948-1997. Ottawa: 71 Film Canada, 1997.
- Needell, Allan A. Science, Cold War and the American State: Lloyd V. Berkner and the Balance of Professional Ideals. Washington: Smithsonian Air and Space Museum, 2000.
- Newman, Peter. Renegade in Power: The Diefenbaker Years. Toronto: McClelland and Stewart, 1973.
- Nielson, Jonathan M. Armed Forces on a Northern Frontier: The Military in Alaska's History, 1867-1987. New York: Greenwood, 1988.
- Nixon, P. G. "The Politics of Government Research." For Purposes of Dominion: Essays in Honour of Morris Zaslow. Eds. Kenneth S. Coates and William R. Morrison. North York: Captus Press, 1989. 37-45.
- Osherenko, Gail, and Oran R. Young. The Age of the Arctic: Hot Conflicts and Cold Realities. Cambridge: Cambridge University Press, 1989.
- Page, Donald M. Bibliography of Works on Canadian Foreign Policy, 1945-1970. Toronto: Canadian Institute of International Affairs, 1973.
- Phillips, R.A.J. Canada's North. New York: St. Martin's Press, 1967.
- Preston, Richard. Canada in World Affairs: 1959 to 1961. Toronto: Oxford University Press, 1965.
- _____, ed. The Influence of the United States on Canadian Development. Durham: Duke University Press, 1972.
- Rea, K. J. The Political Economy of the Canadian North. Toronto: University of Toronto Press, 1968.
- Reed, John C., and Andreas G. Ronhovde. Arctic Laboratory: A History (1947-1966) of the Naval Arctic Research Laboratory at Point Barrow, Alaska. Washington: The Arctic Institute of North America, 1971.
- Richter, Andrew. Avoiding Armageddon: Canadian Military Strategy and Nuclear Weapons, 1950-63. Vancouver: UBC Press, 2002.
- Robertson, Gordon. Memoirs of a Very Civil Servant: Mackenzie King to Pierre Trudeau. Toronto: University of Toronto Press, 2000.

- Rowley, Diana, ed. Arctic Research: The Current Status of Research and Some Immediate Problems in the North American Arctic and Subarctic. The Arctic Institute of North America, December 1955.
- Rowley, Graham W. "Defence of the Realm." North of 55: Canada from the 55th Parallel to the Pole. Ed. Clifford Wilson. Toronto: The Ryerson Press, 1954. 182-90.
- Sater, John E., ed. The Arctic Basin. Washington: The Arctic Institute of North America, 1963.
- Simmons, George. Target: Arctic: Men in the Skies at the Top of the World. Philadelphia: Chilton, 1965.
- Smith, Denis. Diplomacy of Fear. Toronto: University of Toronto Press, 1988.
- Sokolsy, Joel J. and J.T. Jockel, eds. Fifty Years of Canadian-U.S. Defense Cooperation: The Road From Ogdensburg. Lewiston: Edward Mellon Press, 1992.
- Story, Donald C. and R. Bruce Shepard, eds. The Diefenbaker Legacy: Canadian Politics, Law and Society since 1957. Regina: Canadian Plains Research Center, University of Regina, 1998.
- Swanson, R.F., ed. Canadian-American Summit Diplomacy, 1923-1973: Selected Speeches and Documents. Toronto: McClelland and Stewart, 1975.
- Tamnes, Rolf. The United States and the Cold War in the High North. Aldershot: Dartmouth, 1991.
- Tester, F. and P. Kulchyski. Tammarnuit (Mistakes): Inuit Relocation in the Eastern Arctic, 1939-1963. Vancouver: UBC Press, 1994.
- Thompson, John H. and Stephen J. Randall. Canada and the United States: Ambivalent Allies. Athens, GA: University of Georgia Press, 1994.
- Weeks, Tim, and Ramona Maher. Ice Island: Polar Science and the Arctic Research Laboratory. New York: The John Day Company, 1965.
- Wells, Robert, and C.R. Whiting. Early Warning: Electronic Guardians of Our Country. Englewood Cliffs, N.J: Prentice Hall, 1962.
- Williamson, Samuel R. and Steven L. Rearden. The Origins of U.S. Nuclear Strategy, 1945-1953. New York: St. Martin's Press, 1993.
- Zaloga, Steve. Soviet Air Defence Missiles: Design, Development and Tactics. Alexandria, VA: Jane's, 1989.

_____. Target America: The Soviet Union and the Strategic Arms Race, 1945-1964. Novato, CA: Presidio Press, 1993.

_____. The Kremlin's Nuclear Sword: The Rise and Fall of Russia's Strategic Nuclear Forces, 1945-2000. Washington, DC: Smithsonian Institution Press, 2002.

Zaslow, Morris, ed. A Century of Canada's Arctic Islands, 1880-1980. Ottawa: The Royal Society of Canada, 1981.

_____. The Northward Expansion of Canada: 1914-1967. Toronto: McClelland and Stewart, 1988.

4.9- Scholarly and Popular Articles

Anderson, N.M. and A.J. Kerr. "Exploring Arctic seas - today and yesterday" in "From headline to laser" : Centennial Conference of the Canadian Hydrographic Service, April 5-8, 1983, Government Conference Centre, Ottawa, Canada. Canadian special publication of Fisheries and Aquatic Sciences 67 (1983): 78-84.

Aronsen, Lawrence. "Canada's Postwar Re-Armament: Another Look at American Theories of the Military-Industrial Complex." *CHA Historical Papers* (1981): 175-196.

_____. "'A Leading Arsenal of Democracy': American Rearmament and the Continental Integration of the Canadian Aircraft Industry, 1948-1953." *International History Review* 13:3 (1991): 481-501.

Bankes, N.D. "Forty Years of Canadian Sovereignty Assertion in the Arctic." *Arctic* 40.4 (1987): 285-91.

Bercuson, David. "Canada, NATO, and Rearmament, 1950-1954: Why Canada Made a Difference (but not for very long)." In Making a Difference? Canada's Foreign Policy in a Changing World Order. John English and Norman Hillmer, eds. Toronto: Lester Publishing, 1992, 103-124.

_____. "Continental Defense and Arctic Sovereignty, 1945-50," in The Cold War and Defense eds. Keith Neilson and Ronald G. Haycock. New York: Praeger, 1990.

_____. "SAC vs. Sovereignty: The Origins of the Goose Bay Lease, 1946-1952." *Canadian Historical Review* 70:2 (June 1989): 206-222.

Bothwell, Robert and J. Kirton. "'A Sweet Little Country': American Attitudes Towards Canada, 1925-63." *Queen's Quarterly* 90.4 (Winter 1983): 1078-1102.

- Bruno, L. A. "The Bequest of the Nuclear Battlefield: Science, Nature, and the Atom During the First Decade of the Cold War." Historical Studies in the Physical and Biological Sciences 33.2 (2003): 237-60.
- Cantelon, Philip L. "The Origins of Microwave Telephony – Waves of Change." Technology and Culture 36:3 (July 1995): 560-582.
- Carroll, M.A. "Defence forces operations in Hudson Bay" in Science, History and Hudson Bay ed. C.S. Beals and D.A. Shenstone. Ottawa: Dept. of Energy, Mines and Resources, 1968, v. 2: 897-934.
- Chasen, Robert E. "Distant Early Warning Systems in the North American Arctic." Polar Record 13.86 (1967): 595-96.
- Coates, Ken. "The Rediscovery of the North: Towards Conceptual Framework for the Study of Northern/Remote Regions." The Northern Review 12/13 (1994-1995): 15-43.
- Conant, Melvin. "Canada and Continental Air Defense: An American View." International Journal 15.3 (1960): 219-28.
- Diubaldo, Richard J. "The Role of the Arctic Islands in Defence." In A Century of Canada's Arctic Islands, 1880-1980. Morris Zaslow, ed. Ottawa: Royal Society of Canada, 1981: 93-110.
- Doel, R. E. "Constituting the Postwar Earth Sciences: The Military's Influence on the Environmental Sciences in the USA after 1945." Social Studies of Science 33.5 (2003): 635-666.
- Evenden, Matthew D. "Harold Innis, the Arctic Survey, and the Politics of Social Science During the Second World War." The Canadian Historical Review 79.1 (1998): 36-67.
- Everett, Robert R., Charles A. Zraket, and Herbert D. Bennington. "SAGE – A Data-Processing System for Air Defense." Annals of the History of Computing 5.4 (October 1983): 330-339.
- Eyre, Kenneth C. "Forty Years of Military Activity in the Canadian North, 1947-87." Arctic 40.4 (1987): 292-99.
- Fischer, Kristian. "The Modernization of the U.S. Radar Installation at Thule, Greenland." Journal of Peace Research 30:1 (1993): 7-20.
- Fletcher, Roy J. "Military Radar Defence Lines of Northern North America: An Historical Geography." Polar Record 26.159 (1990): 265-76.
- Grant, Shelagh D. "Arctic Historiography: Current Status and Blueprints for the Future," Journal of Canadian Studies 33.1 (1988): 145-153.

_____. "Arctic Wilderness, and Other Mythologies." Journal of Canadian Studies 33.2 (1998): 27-42.

_____. "Inuit History in the Next Millennium: Challenges and Rewards," in Northern Visions: New Perspectives on the North in Canadian History eds. K. Abel and K.S. Coates. Peterborough: Broadview: 91-106.

_____. "Northern Nationalists: Visions of "a New North," 1940-1950." For Purposes of Dominion: Essays in Honour of Morris Zaslow. Eds. Kenneth S. Coates and William R. Morrison. North York: Captus Press, 1989. 47-70.

Greenaway, K.R. and Moira Dunbar. "Aviation in the Arctic Islands." In A Century of Canada's Arctic Islands, 1880-1980. Morris Zaslow, ed. Ottawa: Royal Society of Canada, 1981, 79-92.

Gunther, Frank A. "Tropospheric scatter communications: Past, present, and future," IEEE Spectrum 3:9 (September 1966): 79-100.

Hughes, C. C. "Under Four Flags: Recent Culture Change among the Eskimos." Cultural Anthropology 6.1 (1965): 3-62, 63-69.

Jacobs, John F. "SAGE Overview." Annals of the History of Computing 5.4 (October 1983): 323-329.

Jockel, Joseph T. "Old Fears and New: Canadian and North American Air Defense." Strategic Air Defense. Ed. Stephen J. Cimbala. Wilmington: Shoalry Resources, 1989.

Jones-Imhotep, Edward. "Disciplining Technology: Electronic Reliability, Cold-War Military Culture and the Topside Ionogram." History and Technology 17.2 (2000): 125-75.

Kaplan, Fred. "Scientists at War: The Birth of the Rand Corporation." American Heritage 34.4 (1983): 49-64.

Kohn, Richard H, and Joseph P. Harahan, eds. "U.S. Strategic Air Power, 1948-1962: Excerpts from an Interview with Generals Curtis E. LeMay, Leon W. Johnson, David A. Burchinal, and Jack J. Catton." International Security 12.4 (Spring, 1988): 78-95.

Lackenbauer, P. Whitney. "Right and Honourable: Mackenzie King, Canadian-American Bilateral Relations, and Canadian Sovereignty in the Northwest, 1943-1948" in Mackenzie King: Citizenship and Community eds. J. English, K. McLaughlin, and P.W. Lackenbauer. Toronto: Robin Brass, 2002: 151-68.

Marsden, Michael. "Arctic Contrasts: Canada and Russia in the Far North." International Journal 14.1 (Winter 1958-59): 156-61.

- Middlemiss, Danford W. "Defence Co-Operation." In Partners Nevertheless: Canadian-American Relations in the Twentieth Century, ed. Norman Hillmer. Toronto: Copp Clark Pitman, 1989: 167-193.
- Morrison, W.R. "Eagle Over the Arctic: Americans in the Canadian North, 1867-1985," Canadian Review of American Studies 18.1 (1987): 61-75.
- Morton, Desmond. "Providing and Consuming Security in Canada's Century." Canadian Historical Review 81.1 (2000): 2-28.
- Myers, Heather, and Don Munton. "Cold War, Frozen Wastes: Cleaning up the Dew Line." Environment and Security 4 (2000): 119-38.
- Neufeld, David. "Commemorating the Cold War in Canada: Considering the Dew Line." The Public Historian 20.1 (1998): 9-19.
- _____. "Parks Canada and the Commemoration of the North: History and Heritage." In Northern Visions: New Perspectives on the North in Canadian History. Kerry Abel and Ken S. Coates, eds. Peterborough, ON: Broadview Press, 2001.
- _____. "Trigger for Atomic Holocaust: Aircraft Detection on the Dew Line." CRM (Canadian Resource Management?) 14 (1997): 10-11.
- Pang, Alex Soojung-Kim. "Dome Days: Buckminster Fuller in the Cold War." Cultural Babbage: Technology, Time and Invention. Eds. Francis Spufford and Jenny Uglow. London: Faber and Faber, 1996. 167-92.
- Pelly, David F. "The Dew Line: A Journalist's Visit to Military Isolation Posts." North 29.1 (1982): 18-23.
- Pullen, Thomas C. and Charles Swithinbank. "Transits of the Northwest Passage, 1960-90." The Polar Record 27.163 (October 1991): 365-67.
- Ranson, Rick. Working North: DEW Line to Drill Shop. Edmonton: NeWest Press, 2003.
- Robinson, J. Lewis. "Reminiscences: Arctic Geography Forty Years Ago." Arctic 40.4 (1987): 239-43.
- Roche, Douglas. "A Distant Environmental Warning: Lessons Learned from Canada's Cleanup of the Distant Early Warning (Dew) Line in the North." Encompass: Alberta's Magazine on the Environment. February / March (2000).
- Rosenberg, David Alan. "'A Smoking Radiating Ruin at the End of Two Hours': Documents on American Plans for Nuclear War with the Soviet Union, 1954-55." International Security 6.3 (Winter 1981/82): 3-38.

_____. "The Origins of Overkill: Nuclear Weapons and American Strategy, 1945-1960." International Security 7.4 (1983): 3-71.

Stephenson, M. "The DEW Line," Beaver (Winter 1983): 14-19.

Valley, George E, Jr. "How the Sage Development Began." Annals of the History of Computing 7.3 (1985): 196-226.

4.10- Environmental Issues and Cleanup: Technical Reports and Articles

Arctic Council. Arctic Climate Impact Assessment: Overview Report. Cambridge: Cambridge University Press, 2004.

Arctic Environmental Strategy. Northern Contaminants Program. Highlights of the Canadian Arctic Contaminants Assessment Report : a community reference manual. Ottawa : Indian Affairs and Northern Development, 1997.

Braune, B. Muir, D. DeMarch, B. Gamberg, M. Poole, K. Currie, R. Dodd, M. Duschenko, W. Eamer, J. Elkin, B. Evans, M. Grundy, S. Hebert, C. Johnstone, R. Kidd, K. Koenig, B. Lockhart, L. Marshall, H. Reimer, K. Sanderson, J. Shutt, L. "Spatial and temporal trends of contaminants in Canadian Arctic freshwater and terrestrial ecosystems : a review," Science of the total environment 230.1-3 (1 June 1999): 145-207.

Bright, D.A. Dushenko, W.T. Grundy, S.L. Reimer, K.J. "Effects of local and distant contaminant sources : polychlorinated biphenyls and other organochlorines in bottom-dwelling animals from an Arctic estuary," Science of the total environment 160-161 (15 Jan. 1995): 265-283.

---. "Evidence for short-range transport of polychlorinated biphenyls in the Canadian Arctic using congener signatures of PCBs in soils," Science of the total environment 160-161 (15 Jan. 1995): 251-263.

Carleton University. Geotechnical Science Laboratories. Canada. Dept. of National Defence [Sponsor]. Study of movement of hydrocarbons through freezing and thawing soils - (DEW Line cleanup) : final report. Study of movement of hydrocarbons through freezing and thawing soils - (DEW Line cleanup) : appendix to final report : gas chromatographic traces. Ottawa : Geotechnical Science Laboratory, 1994. 2 v. : ill. ; 28 cm.

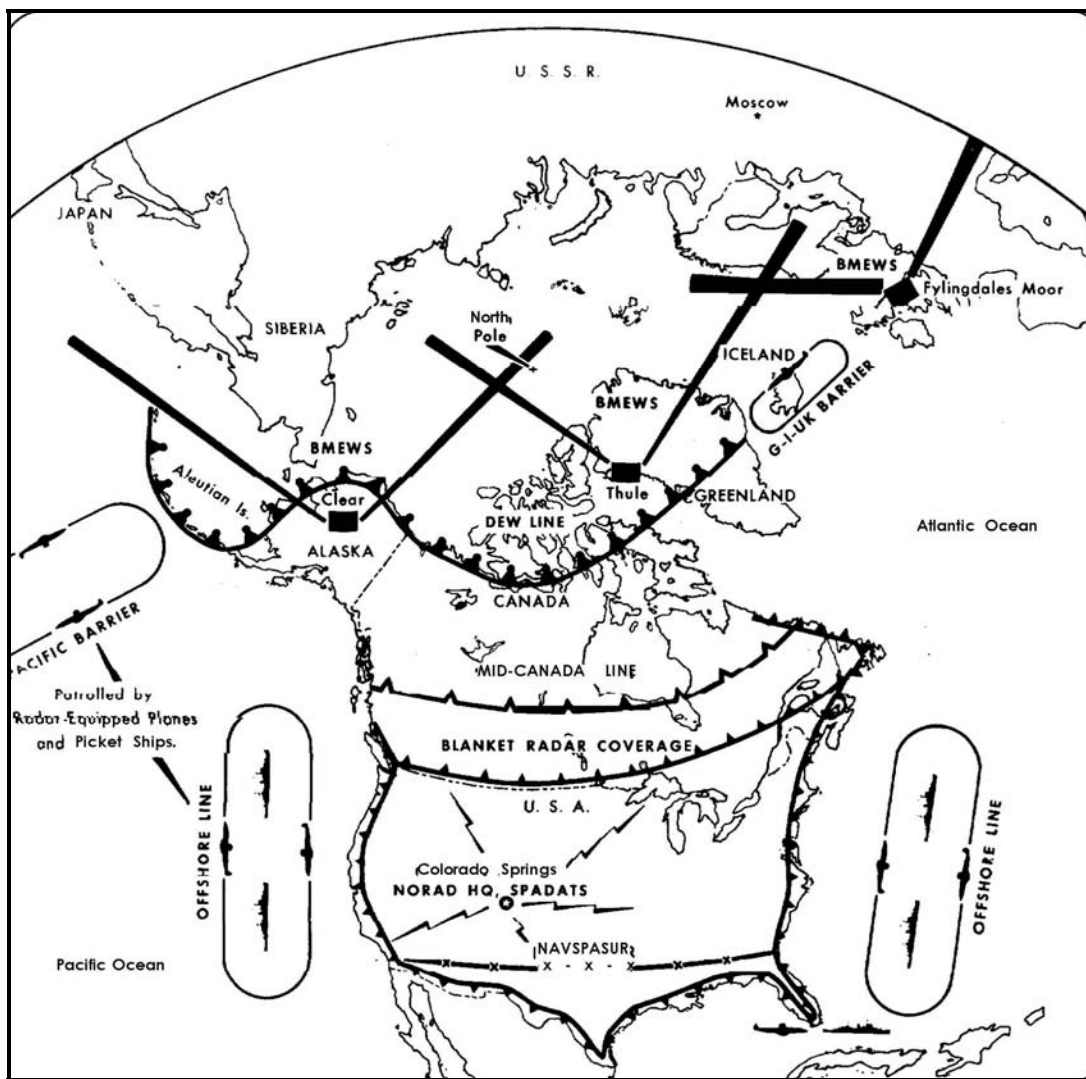
Macdonald, R.W. Barrie, L.A. Bidleman, T.F. Diamond, M.L. Gregor, D.J. Semkin, R.G. Strachan, W.M.J. Li, Y.-F. Wania, F. Alae, M. Alexeeva, L.B. Backus, S.M. Bailey, R. Bewers, J.M. Gobeil, C. Halsall, C.J. Harner, T. Hoff, J.T. Jantunen, L.M.M. Lockhart, W.L. Mackay, D. Muir, D.C.G. Pudykiewicz, J.

- Reimer, K.J. Smith, J.N. Stern, G.A. Schroeder, W.H. Wagemann, R. Yunker, M.B. "Contaminants in the Canadian Arctic : 5 years of progress in understanding sources, occurrence and pathways," Science of the total environment 254.2-3 (1 June 2000): 93-234.
- Monenco-Eyrotechnics Group. Initial environmental evaluation of the North Warning System project : eleven long-range radar sites and the short range radar development site: volume one. Ottawa : Monenco-Eyrotechnics Group, 1987.
- Poland, J.S., Mitchell, S., Rutter, A. "Remediation of former military bases in the Canadian Arctic," Cold regions science and technology 32.2-3 (Sept. 2001): 93-105.
- Reimer, K.J. Bright, D.A. Dushenko, W.T. Grundy, S.L. Poland, J.S. The environmental impact of the DEW line on the Canadian Arctic. Victoria, B.C. : Royal Roads Military College, Environmental Sciences Group, 1993. Cover title: The environmental impact of the DEW line on the Canadian Arctic, volume one: report.
- Royal Military College. Environmental Sciences Group Arctic Environmental Strategy. Action on Waste. An environmental assessment of two mid-Canada line sites at Bear Island, NWT. Kingston, Ont. : Environmental Sciences Group; Hull: Indian and Northern Affairs Canada, 1996.
- Stow, J.P. Sova, J. Reimer, K.J. The relative influence of distant and local (DEW-line) PCB sources in the Canadian Arctic / (Sources, occurrence, trends and pathways of contaminants in the Arctic / Edited by T.F. Bidleman, R.W. Macdonald and J.P. Stow. Science of the total environment, v.342, no. 1-3, 15 Apr. 2005, p. 107-118, ill., 1 map
- Thomas, D.J. Tracey, B. Marshall, H. Norstrom, R.J. "Arctic terrestrial ecosystem contamination," Science of the total environment 122.1-2 (15 July 1992): 135-164.
- Tobiasson, W. Korhonen, C. Redfield, R. Extending the useful life of DYE-2 to 1986. Part 1 : Preliminary findings and recommendations. U.S. Army Cold Regions Research and Engineering Laboratory Special report. Hanover, New Hampshire : Cold Regions Research and Engineering Laboratory, 1979.
- Tobiasson, W. Tilton, P. Extending the useful life of DYE-2 to 1986. Part 2 : 1979 findings and final recommendations. U.S. Army Cold Regions Research and Engineering Laboratory Special report 80-13. Hanover, New Hampshire : Cold Regions Research and Engineering Laboratory, 1980.
- Tsuji, L.J.S. Wainman, B.C. Weber, J.-P. Sutherland, C. Katapatuk, B. Nieboer, E. "Protecting the health of First Nation personnel at contaminated sites : a case study of mid-Canada Radar Line Site 050 in northern Canada," Arctic 58.3 (Sept. 2005): 233-240.

Ueda, H.T. Goff, M.A. Nielsen, K.G. An investigation of the snow adjacent to Dye-2, Greenland. Cold Regions Research and Engineering Laboratory Special report 81- 3. Hanover, New Hampshire : Cold Regions Research and Engineering Laboratory, 1981.

Ueda, H. Tobiasson, W. Fisk, D. Keller, D. Korhonen, C. Secondary stresses within the structural frame of Dye-3 : 1978-1983. Hanover, N.H. : U.S. Army Cold Regions Research and Engineering Laboratory, 1984.

Underwood McLellan (1977) Ltd. Volume I : Identification and verification of active and inactive land disposal sites in the Northwest Territories. Yellowknife: Underwood McLellan Ltd., 1982.



Map depicting continental air defense systems c.1962. USAF Museum map.

SECTION 5.0- OTHER SOURCES

5.1- Theses and Dissertations

Bégin, Maxime Steve. «Des radars et des homes : mémoires inuit de la station Fox Main de la DEW Line (Hall Beach, Nunavut).» M.A. Université Laval, 2004.

Evans, Michael W. "The Establishment of the Distant Early Warning Line, 1952-1957: A Study of Continental Defense Policymaking." M.A. Bowling Green State University, 1995.

Farish, Matthew J. "Strategic Environments: Militarism and the Contours of Cold War America." Ph.D. thesis, University of British Columbia, 2003.

Eyre, Kenneth C. "Custos Borealis: The Military in the Canadian North." Ph.D. University of London King's College, 1981.

Harris, John Nicholas. "National Defence and Northern Development: The Establishment of the Dewline in the Canadian North." M.A. Simon Fraser University, 1980.

Jones-Imhotep, Edward. "Communicating the Nation: Northern Radio, National Industry and the Ionospheric Laboratory in Cold War Canada." PhD. Harvard University, September 2001.

Lackenbauer, P.W. "Vanishing Indian, Vanishing Military: Military Training and Aboriginal Lands in Twentieth Century Canada." Ph.D. dissertation, University of Calgary, 2003.

Lawrie, Neil John. "The Canadian Construction Association: An Interest-Group and its Environment." PhD. dissertation, University of Toronto, 1975.

Robitaille, Eric. «Militaires et Inuit dans l'Est de l'Arctique canadien, 1942-1965.» M.A., Université Laval, 1987.

5.2- Research Projects (ASTIS Listings to August 2005)

Damkjar, E., ERD Heritage Consulting, Defence Construction Limited (Canada), 1998. Cambridge Bay DEW Line Station: [survey of archaeological sites to ensure their protection during environmental cleanup].

Kennett, B., Fedirchuk McCullough & Associates, United States. Air Force, 1990. Assessment of sites in vicinity of DEW Line stations in the western Arctic.

Kennett, B., Fedirchuk McCullough & Associates, United States. Air Force, 1990. Assessment of sites in vicinity of DEW Line stations in the central Arctic.

- Mallory, M., Canadian Wildlife Service, Fontaine, A., Canadian Wildlife Service, Gaston, T., Canadian Wildlife Service, Akearok, J., Canadian Wildlife Service Pickle, D., Qikiqtarjuaq (Nunavut), Canada. Environment Canada, World Wildlife Fund (Canada),
2001. Cape Searle and Reid Bay National Wildlife Area - habitat inventory.
- Poland, J.S., Queen's University (Kingston, Ont.). Analytical Services Unit, 1997.
Implementation of cleanup plans and further delineation of contamination at Sarcpa Lake, Iqaluit and Resolution Island.
- Poland, J.S. , Queen's University (Kingston, Ont.). Analytical Services Unit, Drope, J. , Valdock, K. , Plato, N. , Troutman, D. , Englander, S. , Baker, K. , Schulz, T. , Horne, B. , Piallaq, J. , Lastewska, V. , Arnaquq-Baril, A. , 1996. Implementation of cleanup plans and further delineation of contamination at Sarcpa Lake, Iqaluit and Resolution Island.
- Poland, J. , Queen's University (Kingston, Ont.). Analytical Services Unit, 1995.
Environmental study of abandoned DEW Line sites.
- Reimer, K., Royal Military College of Canada. Dept. of Chemistry and Chemical Engineering, Rogers, J., Adams, M. , Kyzuk, Z. , Baker, K. , Ingram, W. , Mace, I. , Allen, M. , 1996. Environmental assessment of the Hamlet of Tuktoyaktuk solid waste disposal area, Saw Mill Bay and Cape Parry, and cleanup of a former DEW Line site, BAR-3 Tuktoyaktuk.
- Reimer, K., Royal Military College of Canada. Environmental Sciences Group, Englander, S. , Kuzyk, Z. , Rogers, J. , Plato, N. , Zebb, B. , Poland, J. , Baker, K. , Noonan, D. , 1996. Environmental site assessment of abandoned DEW Line sites and other military bases in the NWT and determination of impact of contamination of the former DEW Line site at Cape Hooper on marine food chains.
- Reimer, K., Royal Roads Military College. Environmental Sciences Group, Englander, S. , Plato, N. , Baker, K. , Kuzyk, Z. , Zebb, B. , Noonan, D. , Rogers, J. , Poland, J. , 1996. Environmental site assessment of Little Resolution Island, Clyde River weather station, Padloping Island, Cape Hooper and Cambridge Bay, and experimental bioremediation at Hall Beach.
- Reimer, K.J. , Royal Roads Military College. Environmental Sciences Group, 1995.
Environmental study of abandoned DEW Line sites.
- Reimer, K.J. , Royal Roads Military College. Environmental Sciences Group, 1994.
Environmental study of abandoned DEW Line sites.
- Reimer, K.J. , Royal Roads Military College. Environmental Sciences Group, Dodd, M., Decence, W.T. , Polard, J.S. , Poll, H. , Grundy, S. , Johnson, K. , Rogers, J. ,

- Barton, B., Pier, D. , Oswald, D., 1994. Environmental study of abandoned DEW Line sites.
- Reimer, K.J. , Royal Roads Military College. Environmental Sciences Group, 1993. Environmental study of abandoned DEW Line sites.
- Thomson, C., Thomson Heritage Consultants, 2004. Archaeological mitigation study at PIN-3 DEW-Line site, Lady Franklin Point, Victoria Island.
- Thomson, C., Thomson Heritage Consultants, 2004. Archaeological mitigation study at PIN-2 DEW-Line site, Cape Young.
- Thomson, C., Jacques Whitford Environment Limited, 2003. Archaeological mitigation at PIN-3 DEW Line site, Lady Franklin Point.
- Thomson, J.C. , Jacques, Whitford and Associates Limited, United States. Air Force, 1990. Assessment of sites in the vicinity of DEW Line stations in the eastern Arctic.
- Washuta, A., UMA Engineering Ltd., 1997. Engineering site investigation at Pelly Bay (CAM-4), Hall Beach (Fox-M), and Cape Dyer (DYE-M).
- Washuta, A.S., UMA Engineering Ltd., 1993. Preliminary site investigations for Komakuk Beach DEW Line site clean up design and costing.
- Washuta, A.S., UMA Engineering Ltd., 1993. Preliminary site investigations for the design and cost estimating of the clean-up protocol of DEW Line sites.
- Washuta, A.S., UMA Engineering Ltd., 1992. Preliminary site investigations for the design and cost estimating of the clean-up protocol of DEW Line sites.

5.3- Websites

- Alaska's Digital Archive. Available online at <http://vilda.alaska.edu/>
- Arctic Institute of North America. Arctic Science and Technology Information System (ASTIS). Available online at <http://www.aina.ucalgary.ca/astis/>.
- Bell System Memorial. "The DEW Line." Available online at <http://www.bellsystemmemorial.com/dewline.html>
- Canadian Polar Commission. Canadian Polar Information Network. Available online at <http://www.polarcom.gc.ca/english/>

Department of Foreign Affairs and International Trade, Canada. Documents on Canadian External Relations. Volumes 15-25 (1949-59). Available online at <http://www.dfait-maeci.gc.ca/department/history/dcer/menu-en.asp>

Diefenbaker, John G. A New Vision. Available online at <http://207.61.100.164/candiscover/cantext/speech2/1958dfnv.html>

Harris, Lynden T. (Bucky). The Dewline Chronicles. Available online at <http://www.lswilson.ca/dewhist-a.htm>.

Inuit Tapiriit Kanatami (ITK). Available online at <http://www.itk.ca/>

LaFrance, Albert. "The Microwave Radio and Coaxial Cable Networks of the Bell System." <http://long-lines.net/>

Mackenzie, J.A. 90 Years and Counting: The History of Canadian Military Communications & Electronics. Canadian Forces Communications and Electronics Museum, 1995. Available online at http://www.dnd.ca/commelec/brhistory/cover_e.htm

Online Air Defense Radar Museum. Available online at <http://www.radomes.org/museum/>

United States. Department of State. Foreign Relations of the United States (1861-1960). Available online through the University of Wisconsin-Madison Libraries at <http://digicoll.library.wisc.edu/FRUS/>

Wilson, Larry. "The DEW Line Sites in Canada, Alaska & Greenland." Available online at <http://www.lswilson.ca/dewline.htm>

Wohlstetter, Albert. "The Delicate Balance of Terror." RAND Report P-1472, 6 November 1958. <http://www.rand.org/publications/classics/wohlstetter/P1472/P1472.html>. A version of this report was published in Foreign Affairs, 37:2 (1959): 211-234.

Wohlstetter, Albert, and Fred Hoffmann. "Defending a Strategic Force After 1960, With Notes on the Need by Both Sides for Accurate Bomb Delivery, Particularly for the Big Bombs." RAND Publication D-2270, 1 February 1954. Available online at <http://www.rand.org/publications/classics/wohlstetter/D2270/D2270.html>