## **BRANDON** UNIVERSITY S. J. McKee Archives



## McGuinness family

http://archives.brandonu.ca/en/permalink/descriptions14042

Part Of:	Fred McGuinness collection
Creator:	Printed: Crawford Drug Store, Brandon
Description Level:	ltem
Series Number:	McG 9
Item Number:	1-2015.112
Accession Number:	1-2015
GMD:	graphic
Date Range:	1943
Physical Description:	3.25" x 2" (b/w)
Scope and Content:	

Photograph shows the McGuinness family women posing with Fred McGuinness who is wearing his Royal Canadian Navy uniform

Notes:	Back of the photograph is stamped: Crawford Drug Store, Nov 30, 1943, Brandon, Man.
Name Access:	Fred McGuinness
	Frederick George McGuinness
	Royal Canadian Navy
Subject Access:	World War II
	uniforms
	military
	military people & associations
	military personnel
Storage Location:	RG 5 photograph storage drawer 2 (hanging photos)
Arrangomont:	

Arrangement:

BR #3 Family pictures





## Graham Robertson in Cirencester, England

http://archives.brandonu.ca/en/permalink/descriptions14045

Part Of:	Fred McGuinness collection
Description Level:	ltem
Series Number:	McG 9
Item Number:	1-2015.115
Accession Number:	1-2015
GMD:	graphic
Date Range:	1943
Physical Description:	1.75" x 2.5" (b/w)
Scope and Content:	

Photograph shows a man in military uniform walking down a commercial street. A military convoy is making its way down the road.

Notes:	Writing on the back of the photograph reads: Cirencester - Spartan - 8 Mar '43
Name Access:	Graham Robertson
Subject Access:	World War II
	uniforms
	military
	military people & associations
	military personnel
Storage Location:	RG 5 photograph storage drawer 2 (hanging photos)
Arrangement:	

McG RR #8 [corr.] see McG 1.2 file 18





## Fred McGuinness in uniform

## http://archives.brandonu.ca/en/permalink/descriptions14043

Part Of:	Fred McGuinness collection
Description Level:	ltem
Series Number:	McG 9
Item Number:	1-2015.113
Accession Number:	1-2015
GMD:	graphic
Date Range:	[1940s]
Physical Description:	2.75" x 4.25" (b/w)
Scope and Content:	

Photograph shows the McGuinness in his navy uniform on the deck of a ship, possibly the HMCS Alachasse.

Name Access:	Fred McGuinness	
	Frederick George McGuinness	
	Royal Canadian Navy	
Subject Access:	World War II	
	uniforms	
	military	
	military people & associations	
	military personnel	
	ships	
Storage Location:	RG 5 photograph storage drawer 2 (hanging photos)	
Arrangement:		

Arrangement:

BR #3 Family pictures





## Fred McGuinness in traction in hospital

### http://archives.brandonu.ca/en/permalink/descriptions14044

Part Of:	Fred McGuinness collection
Description Level:	ltem
Series Number:	McG 9
Item Number:	1-2015.114
Accession Number:	1-2015
GMD:	graphic
Date Range:	1941-1942
Physical Description:	2.5" x 3" (b/w)

History /

Biographical:

On 23 September 1940, McGuinness was seriously injured in a naval accident when his ship ran aground; McGuinness' leg was broken when the ship's tow cable snapped and he spent the next 11 months convalescing at Camp Hill Hospital in Halifax, Nova Scotia. While in hospital McGuinness contracted scarlet fever and diphtheria and developed osteomyelitis as a complication of his femur facture. McGuinness returned to Winnipeg to continue his convalescence at Deer Lodge Hospital and was ultimately discharged from the navy in 1941.

### Scope and Content:

Photograph shows Fred McGuinness in traction in a hospital bed, possibly at Camp Hill Hospital.

Name Access:	Fred McGuinness	
	Frederick George McGuinness	
	Royal Canadian Navy	
Subject Access:	World War II	
	uniforms	
	military	
	military people & associations	
	military personnel	
	ships	
	hospitals	
Storage Location:	RG 5 photograph storage drawer 2 (hanging photos)	
Arrangement:		
BR #3 Family picture	25	





# Officers "A" Co. 95th Battalion: Manitoba Grenadiers

http://archives.brandonu.ca/en/permalink/descriptions9123

Part Of:	RG 11 Lawrence Stuckey fonds
Creator:	W.H. Irwin
Description Level:	ltem
Series Number:	3.1
Item Number:	1-2002.3.1AG1
Accession Number:	1-2002
GMD:	graphic
Date Range:	[189-]
Physical Description:	3 1/2" x 5"
Material Details:	Negative

Custodial History:

For custodial history see the collection level description of the Lawrence Stuckey collection.

Scope and Content:

Officers of "A" Company, 95th Battalion: Manitoba Grenadiers

Name Access:	Officers of A. Company, 95th Battalion, Manitoba Grenadiers
Subject Access:	armed forces
	army
	military personnel
	military officers
	Brandon military people & associations
Repro Restriction:	The McKee Archives is the copyright holder for the Stuckey materials.
Storage Location:	Lawrence Stuckey collection





# Camp Shilo

## http://archives.brandonu.ca/en/permalink/descriptions9126

Part Of:	RG 11 Lawrence Stuckey fonds
Description Level:	ltem
Series Number:	3.1
Item Number:	1-2002.3.1AG4
Accession Number:	1-2002
GMD:	graphic
Date Range:	July 1940
Physical Description:	3 1/2" x 5"
Material Details:	Negative
Custodial History:	

For custodial history see the collection level description of the Lawrence Stuckey collection.

Scope and Content:

Camp Shilo, Manitoba

Notes:	Aerial view - mostly tents
Name Access:	Camp Shilo
Subject Access:	armed forces
	army
	Brandon military people & associations
Repro Restriction:	The McKee Archives is the copyright holder for the Stuckey materials.
Storage Location:	Lawrence Stuckey collection



# Nick Prokopchuck - Military cadet, artillery



http://archives.brandonu.ca/en/permalink/descriptions13647

Part Of:	CKX fonds
Creator:	СКХ
Description Level:	ltem
Series Number:	Р
Item Number:	11-2010.P13
Accession Number:	11-2010
GMD:	graphic
Date Range:	after 1954
Physical Description:	2.5" x 2.5" (b/w)
Material Details:	Negative
Custodial History:	

See fonds level of the CKX records for custodial history.

Scope and Content:

Portrait of a military cadet.

Name Access:	СКХ
Subject Access:	persons
	portraits
	military
	uniforms
Storage Location:	CKX fonds - 2010 accessions





## Brandon Battalion on Parade Square

http://archives.brandonu.ca/en/permalink/descriptions9125

Part Of:	RG 11 Lawrence Stuckey fonds
Creator:	C.J. Smith
Description Level:	ltem
Series Number:	3.1
Item Number:	1-2002.3.1AG3
Accession Number:	1-2002
GMD:	graphic
Date Range:	[191-]
Physical Description:	3 1/2" x 5"
Material Details:	Negative

Custodial History:

For custodial history see the collection level description of the Lawrence Stuckey collection.

### Scope and Content:

A Brandon battalion on parade square by Gordon McKay (Massey-Harris) building, 7th St. and Pacific Ave., during World War One.

Notes:	5x7 neg. also in file.
	[Mr. Stuckey notes a 5x7 negative on file, but it is not included with these negatives.]
Name Access:	Brandon Battalion on Parade Square
Subject Access:	armed forces
	army
	military personnel
	World War I
	Brandon military people & associations
Repro Restriction:	The McKee Archives is the copyright holder for the Stuckey materials.
Storage Location:	Lawrence Stuckey collection





## Regimental Band, 181st Battalion

http://archives.brandonu.ca/en/permalink/descriptions9124

Part Of:	RG 11 Lawrence Stuckey fonds
Description Level:	ltem
Series Number:	3.1
Item Number:	1-2002.3.1AG2
Accession Number:	1-2002
GMD:	graphic
Date Range:	1916
Physical Description:	3 1/2" x 5"
Material Details:	Negative
Custodial History:	

For custodial history see the collection level description of the Lawrence Stuckey collection. Scope and Content:

Regimental Band, 181st (Overseas) Battalion, at Camp Hughes

Name Access:	Regimental Band, 181st Battalion
Subject Access:	armed forces
	army
	military personnel
	World War I
	music
	musicians
	Brandon military people & associations
Repro Restriction:	The McKee Archives is the copyright holder for the Stuckey materials.
Storage Location:	Lawrence Stuckey collection





# Brandon General Hospital nurses uniform

http://archives.brandonu.ca/en/permalink/descriptions13755

Part Of:	Fred McGuinness collection
Description Level:	ltem
Series Number:	McG 9
Item Number:	20-2009.66
Accession Number:	20-2009
GMD:	graphic
Date Range:	1970
Physical Description:	3.5" x 3.5" (colour)
Custodial History:	

Donated to Fred McGuinness by Allena Strath (nee Coombs).

Scope and Content:

Photograph shows a young woman wearing a period nursing sister's uniform/costume. The uniform is attributed to the Brandon General Hospital c.1918.

Notes:	Back of photograph reads: B.G.H. unform 1918
Name Access:	Brandon General Hospital
Subject Access:	nurses
	costumes
	uniforms
Storago Logation:	PG 5 photograph storage drawer 2 (banging photos)

Storage Location: RG 5 photograph storage drawer 2 (hanging photos)



# Fred McGuinness in navy uniform with mother



## http://archives.brandonu.ca/en/permalink/descriptions13903

Part Of:	Fred McGuinness collection
Description Level:	ltem
Series Number:	McG 9
Item Number:	20-2009.213
Accession Number:	20-2009
GMD:	graphic
Date Range:	1940s
Physical Description:	2.5" x 3.5" (b/w)

Scope and Content:

Photograph is a portrait of Fred McGuinness in his Canadian navy uniform posing in front of his family home with his mother, Isabella.

Name Access:	Fred McGuinness
	lsabella Louisa Pope
	lsabella Louisa McGuinness
	Royal Canadian Navy
Subject Access:	portraits
	uniforms
	World War II
Storage Location:	RG 5 photograph storage drawer 2 (hanging photos)

Arrangement:

From 20-2009 #4 plastic envelope #2

### Images



## Ivor Arthur Norris

### http://archives.brandonu.ca/en/permalink/descriptions9100



Part Of:	RG 11 Lawrence Stuckey fonds
Description Level:	ltem
Series Number:	3.1
Item Number:	1-2002.3.1AE10(1)
Accession Number:	1-2002
GMD:	graphic
Date Range:	[19-]
Physical Description:	3 1/2" x 5"
Material Details:	Negative
History /	
Biographical:	

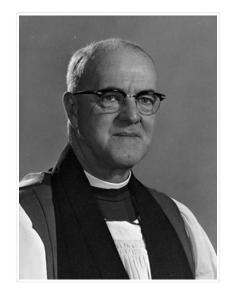
1930's minister St. George's Church 10th St. & College Ave.; 1940's Squ./Ldr. RCAF chief Anglican chaplain; 1945-1950 Canon, secretary of diocese; Apr. 16, 1950 Consecrated Bishop of Brandon (2nd); Died Jan. 24, 1969.

Custodial History:

For custodial history see the collection level description of the Lawrence Stuckey collection. Scope and Content:

Rt. Rev. Ivor Arthur Norris

Notes:	[Mr. Stuckey put 3 negatives in the same envelope. We have separated them and numbered them AE10(1) through AE10(3).]
Name Access:	Ivor Arthur Norris
Subject Access:	religions
	Christianity
	Bishops
	armed forces
	air force
	RCAF
	Chaplains
	Brandon church & school people
Repro Restriction:	The McKee Archives is the copyright holder for the Stuckey materials.
Storage Location:	Lawrence Stuckey collection





## Ivor Arthur Norris

http://archives.brandonu.ca/en/permalink/descriptions9101

Part Of:	RG 11 Lawrence Stuckey fonds
Description Level:	ltem
Series Number:	3.1
Item Number:	1-2002.3.1AE10(2)
Accession Number:	1-2002
GMD:	graphic
GMD: Date Range:	graphic [19-]
	5
Date Range:	[19-]

Biographical:

1930's minister St. George's Church 10th St. & College Ave.; 1940's Squ./Ldr. RCAF chief Anglican chaplain; 1945-1950 Canon, secretary of diocese; Apr. 16, 1950 Consecrated Bishop of Brandon (2nd); Died Jan. 24, 1969.

Custodial History:

For custodial history see the collection level description of the Lawrence Stuckey collection.

Scope and Content:

Notes:

Rt. Rev. Ivor Arthur Norris

[Mr. Stuckey put 3 negatives in the same envelope. We have separated them and numbered them AE10(1) through AE10(3).]

Name Access: Ivor Arthur Norris

Subject Access:	religions
	Christianity
	Bishops
	armed forces
	air force
	RCAF
	Chaplains
	Brandon church & school people
Repro Restriction:	The McKee Archives is the copyright holder for the Stuckey materials.
Storage Location:	Lawrence Stuckey collection

## Images





# Ivor Arthur Norris

http://archives.brandonu.ca/en/permalink/descriptions9102

Part Of:	RG 11 Lawrence Stuckey fonds
Description Level:	ltem
Series Number:	3.1
Item Number:	1-2002.3.1AE10(3)
Accession Number:	1-2002
GMD:	graphic
Date Range:	[19-]
Physical Description:	3 1/2" x 5"
Material Details:	Negative

### History /

### Biographical:

1930's minister St. George's Church 10th St. & College Ave.; 1940's Squ./Ldr. RCAF chief Anglican chaplain; 1945-1950 Canon, secretary of diocese; Apr. 16, 1950 Consecrated Bishop of Brandon (2nd); Died Jan. 24, 1969.

### Custodial History:

For custodial history see the collection level description of the Lawrence Stuckey collection.

Scope and Content:

### Rt. Rev. Ivor Arthur Norris

Notes:	[Mr. Stuckey put 3 negatives in the same envelope. We have separated them and numbered them AE10(1) through AE10(3).]
Name Access:	lvor Arthur Norris
Subject Access:	religions
	Christianity
	Bishops
	armed forces
	air force
	RCAF
	Chaplains
	Brandon church & school people
Repro Restriction:	The McKee Archives is the copyright holder for the Stuckey materials.
Storage Location:	Lawrence Stuckey collection

### Images



## Suffield explosion - waiting

http://archives.brandonu.ca/en/permalink/descriptions14154

Part Of: Fred M Description Level: Item

Fred McGuinness collection



Series Number:	McG 9
Item Number:	1-2015.223
Accession Number:	1-2015
GMD:	graphic
Date Range:	[1961-1964]
Physical Description:	10" x 8" (b/w)
History /	

Biographical:

Suffield, Alberta, is situated approximately 40km northwest of Medicine Hat, Alberta. A few "large explosive events" (100 to 500 tons) were conducted at the Defence Research Board's (DRB) Suffield Experimental Station in the 1960s. On 19 January 1961, Medicine Hat citizens felt tremors in the community as a result of five tons of TNT being detonated at the station. The station director attributed this anomaly to freak atmospheric and weather conditions. At the time the DRB was testing the effects of shock waves on military equipment.

In July 1964, the Suffield Experimental Station detonated 30,600 blocks of TNT - 500 tons - to test the largest, non-nuclear, non-confined, surface blast. Placed in various sections radiating from ground zero to test the effects of the blast were targets, dummy-men, miscellaneous instruments, mines, model ships, nose cones, repirators, vehicles, subterranean chambers, shelters, tunnels, foxholes, and trenches. Several hundred people were expected to observe the blast, including 80 "official observers" and a VIP party of military and research personnel from Canada, the United States, and Britain.

(Sources: "Hellyer Heads VIP List Coming Here for SES Blast," Medicine Hat News, 09 July 1964, 7; Patrick J.Roe, "Blast Area Awaits a Cloudless Day," Medicine Hat News, 16 July 1964, 2; "Suffield Explosion Felt Here," Medicine Hat News, 19 January 1961, 7)

Scope and Content:

Photograph shows observors waiting for a detonation at the Suffield Experimental Station. Camera operators can be seen on the right waiting to film the blast.

Name Access:	Suffield Experimental Station
	Suffield Explosion
Subject Access:	military training
	military
	explosions
Storage Location:	RG 5 photograph storage drawer 2 (hanging photos)

Arrangement:

BR #3 30-personal





## Suffield explosion - detonation

http://archives.brandonu.ca/en/permalink/descriptions14155

Part Of:	Fred McGuinness collection
Description Level:	ltem
Series Number:	McG 9
Item Number:	1-2015.224
Accession Number:	1-2015
GMD:	graphic
Date Range:	[1961-1964]
Physical Description:	8" x 10" (b/w)
History /	

Biographical:

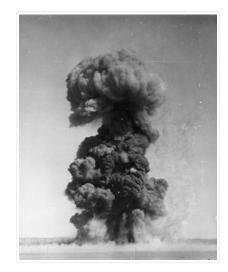
Suffield, Alberta, is situated approximately 40km northwest of Medicine Hat, Alberta. A few "large explosive events" (100 to 500 tons) were conducted at the Defence Research Board's (DRB) Suffield Experimental Station in the 1960s. On 19 January 1961, Medicine Hat citizens felt tremors in the community as a result of five tons of TNT being detonated at the station. The station director attributed this anomaly to freak atmospheric and weather conditions. At the time the DRB was testing the effects of shock waves on military equipment. In July 1964, the Suffield Experimental Station detonated 30,600 blocks of TNT - 500 tons - to test the largest, non-nuclear, non-confined, surface blast. Placed in various sections radiating from ground zero to test the effects of the blast were targets, dummy-men, miscellaneous instruments, mines, model ships, nose cones, repirators, vehicles, subterranean chambers, shelters, tunnels, foxholes, and trenches. Several hundred people were expected to observe the blast, including 80 "official observers" and a VIP party of military and research personnel from Canada, the United States, and Britain.

(Sources: "Hellyer Heads VIP List Coming Here for SES Blast," Medicine Hat News, 09 July 1964, 7; Patrick J.Roe, "Blast Area Awaits a Cloudless Day," Medicine Hat News, 16 July 1964, 2; "Suffield Explosion Felt Here," Medicine Hat News, 19 January 1961, 7)

Scope and Content:

Photograph shows a detonation at the Suffield Experimental Station.

Name Access:	Suffield Experimental Station
	Suffield Explosion
Subject Access:	military training
	military
	explosions
Storage Location:	RG 5 photograph storage drawer 2 (hanging photos)
Arrangement:	
BR #3 30-personal	





## Suffield explosion - pre-detonation

### http://archives.brandonu.ca/en/permalink/descriptions14156

Part Of:	Fred McGuinness collection
Description Level:	ltem
Series Number:	McG 9
Item Number:	1-2015.225
Accession Number:	1-2015
GMD:	graphic
Date Range:	[1961-1964]
Physical Description:	10" x 8" (b/w)

Biographical:

History /

Suffield, Alberta, is situated approximately 40km northwest of Medicine Hat, Alberta. A few "large explosive events" (100 to 500 tons) were conducted at the Defence Research Board's (DRB) Suffield Experimental Station in the 1960s. On 19 January 1961, Medicine Hat citizens felt tremors in the community as a result of five tons of TNT being detonated at the station. The station director attributed this anomaly to freak atmospheric and weather conditions. At the time the DRB was testing the effects of shock waves on military equipment. In July 1964, the Suffield Experimental Station detonated 30,600 blocks of TNT - 500 tons - to test the largest, non-nuclear, non-confined, surface blast. Placed in various sections radiating from ground zero to test the effects of the blast were targets, dummy-men, miscellaneous instruments, mines, model ships, nose cones, repirators, vehicles, subterranean chambers, shelters, tunnels, foxholes, and trenches. Several hundred people were expected to observe the blast, including 80 "official observers" and a VIP party of military and research personnel from Canada, the United States, and Britain.

(Sources: "Hellyer Heads VIP List Coming Here for SES Blast," Medicine Hat News, 09 July 1964, 7; Patrick J.Roe, "Blast Area Awaits a Cloudless Day," Medicine Hat News, 16 July 1964, 2; "Suffield Explosion Felt Here," Medicine Hat News, 19 January 1961, 7)

Scope and Content:

Photograph shows blast targets/dummies pre-detonation at the Suffield Experimental Station.

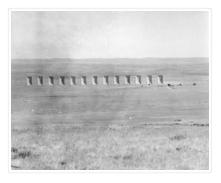
Name Access:

Suffield Experimental Station Suffield Explosion  
 Subject Access:
 military training military explosions

 Storage Location:
 RG 5 photograph storage drawer 2 (hanging photos)

 Arrangement:
 BR #3 30-personal

### Images





## Suffield explosion - pre-detonation

## http://archives.brandonu.ca/en/permalink/descriptions14157

Part Of:	Fred McGuinness collection
Description Level:	ltem
Series Number:	McG 9
Item Number:	1-2015.226
Accession Number:	1-2015
GMD:	graphic
Date Range:	[1961-1964]
Physical Description:	10" x 8" (b/w)

#### History /

Biographical:

Suffield, Alberta, is situated approximately 40km northwest of Medicine Hat, Alberta. A few "large explosive events" (100 to 500 tons) were conducted at the Defence Research Board's (DRB) Suffield Experimental Station in the 1960s. On 19 January 1961, Medicine Hat citizens felt tremors in the community as a result of five tons of TNT being detonated at the station. The station director attributed this anomaly to freak atmospheric and weather conditions. At the time the DRB was testing the effects of shock waves on military equipment.

In July 1964, the Suffield Experimental Station detonated 30,600 blocks of TNT - 500 tons - to test the largest, non-nuclear, non-confined, surface blast. Placed in various sections radiating from ground zero to test the effects of the blast were targets, dummy-men, miscellaneous instruments, mines, model ships, nose cones, repirators, vehicles, subterranean chambers, shelters, tunnels, foxholes, and trenches. Several hundred people were expected to observe the blast, including 80 "official observers" and a VIP party of military and research personnel from Canada, the United States, and Britain.

(Sources: "Hellyer Heads VIP List Coming Here for SES Blast," Medicine Hat News, 09 July 1964, 7; Patrick J.Roe, "Blast Area Awaits a Cloudless Day," Medicine Hat News, 16 July 1964, 2; "Suffield Explosion Felt Here," Medicine Hat News, 19 January 1961, 7)

Scope and Content:

Photograph shows blast targets/dummies post-detonation at the Suffield Experimental Station.

Name Access:	Suffield Experimental Station
	Suffield Explosion
Subject Access:	military training
	military
	explosions
Storage Location:	RG 5 photograph storage drawer 2 (hanging photos)
Arrangement:	

BR #3 30-personal

### Images





## Suffield explosion - detonation

http://archives.brandonu.ca/en/permalink/descriptions14207

Part Of:	Fred McGuinness collection
Creator:	Photographer: S.E.S. Color Photo
Description Level:	ltem

Series Number:	McG 9
Item Number:	1-2015.276
Accession Number:	1-2015
GMD:	graphic
Date Range:	1964
Physical Description:	14" x 11" (colour)
Physical Condition:	Emulsion is cracking and photograph is starting to warp
History /	

Biographical:

Suffield, Alberta, is situated approximately 40km northwest of Medicine Hat, Alberta. A few "large explosive events" (100 to 500 tons) were conducted at the Defence Research Board's (DRB) Suffield Experimental Station in the 1960s. On 19 January 1961, Medicine Hat citizens felt tremors in the community as a result of five tons of TNT being detonated at the station. The station director attributed this anomaly to freak atmospheric and weather conditions. At the time the DRB was testing the effects of shock waves on military equipment. In July 1964, the Suffield Experimental Station detonated 30,600 blocks of TNT - 500 tons - to

test the largest, non-nuclear, non-confined, surface blast. Placed in various sections radiating from ground zero to test the effects of the blast were targets, dummy-men, miscellaneous instruments, mines, model ships, nose cones, repirators, vehicles, subterranean chambers, shelters, tunnels, foxholes, and trenches. Several hundred people were expected to observe the blast, including 80 "official observers" and a VIP party of military and research personnel from Canada, the United States, and Britain.

(Sources: "Hellyer Heads VIP List Coming Here for SES Blast," Medicine Hat News, 09 July 1964, 7; Patrick J.Roe, "Blast Area Awaits a Cloudless Day," Medicine Hat News, 16 July 1964, 2; "Suffield Explosion Felt Here," Medicine Hat News, 19 January 1961, 7)

Scope and Content:

Photograph shows a detonation at the Suffield Experimental Station.

Name Access:	Suffield Experimental Station
	Suffield Explosion
Subject Access:	military training
	military
	explosions
Repro Restriction:	Photograph may be subject to Canadian Copyright Laws
Conservation:	To be processed in humidification chamber (ST 2016-02-03)
Storage Location:	McGuinness oversize storage drawer (1-2015)
Arrangement:	
Funny trunk	





## Army

## http://archives.brandonu.ca/en/permalink/descriptions11978

Part Of:	CKX fonds
Creator:	СКХ
Description Level:	ltem
Item Number:	11-2010.A18b
Accession Number:	11-2010
GMD:	graphic
GMD: Date Range:	graphic after 1954
	0 1
Date Range:	after 1954

See fonds level of the CKX records for custodial history.

Scope and Content:

Image of Canadian Provost Corps soldiers in training, most likely at CFB Shilo.

Name Access:	CKX Television
Subject Access:	television broadcasting
	military personnel
	military training
Storage Location:	CKX fonds - 2010 accessions

