

CONVENTION ON CLUSTER MUNITIONS

**REPORTING FORMATS
FOR ARTICLE 7 OF THE CONVENTION ON CLUSTER MUNITIONS**

STATE : **Canada**

NATIONAL POINT(S) OF CONTACT:

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Form A National implementation measures

Article 7.1 "Each State Party shall report to the Secretary-General ... on:
 a) The national implementation measures referred to in Article 9."

Remark: In accordance with Article 9, "Each State Party shall take all appropriate legal, administrative and other measures to implement this Convention, including the imposition of penal sanctions, to prevent and suppress any activity prohibited to a State Party under this Convention undertaken by persons or on territory under its jurisdiction or control".

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<p>Legal, administrative and other measures taken to implement the CCM (including details on existing legislation and penal sanctions)</p>	<p>Supplementary information (e.g., effective date of implementation & text of legislation attached).</p>
<p>Following approval by both chambers of the Parliament of Canada, on 6 November 2014 the Governor General gave Royal Assent to <i>An Act to implement the Convention on Cluster Munitions</i>, also known as the <i>Prohibiting Cluster Munitions Act</i>. This Act entered into force on 16 March 2015 and Canada ratified the Convention on Cluster Munitions that same day.</p> <p>The Act prohibits the use, development, production, acquisition, possession, import, export, as well as foreign movement for the purpose of transferring ownership and control of cluster munitions. It also prohibits attempting, aiding, abetting, counselling or conspiring to commit any of the offences under the Act, and being an accessory after the fact to any of those offences.</p> <p>The Act provides exceptions for the purpose of destroying cluster munitions; for the development of countermeasures and techniques to detect, clear and destroy cluster munitions; for training in these techniques; and for military cooperation and operations with states not party to the Convention – consistent with the provisions of the Convention.</p> <p>The Act contains penalties including fines up to CDN \$ 500,000 and up to five years imprisonment for individuals who are found guilty of contravening section 6 of the Act (prohibitions).</p> <p>In March 2015, the Chief of the Defence Staff (CDS) issued a CDS Directive to all Canadian Armed Forces personnel, including those serving on international staffs, exchange and liaison postings and participating in combined operations, to provide direction on prohibited and permitted activities to CAF personnel who might become involved in cluster munition-related activities. This Directive reflects the requirements of the Act, and also implements additional policy restrictions requiring that CAF personnel not transport cluster munitions in CAF or CAF-controlled vehicles, vessels or aircraft or instruct or receive training on the use of cluster munitions.</p>	<p>The text of the <i>Prohibiting Cluster Munitions Act</i> can be found in English at http://www.parl.gc.ca/HousePublications/Publication.aspx?Mode=1&DocId=6768064&Language=E</p> <p>or in French at http://www.parl.gc.ca/HousePublications/Publication.aspx?Mode=1&DocId=6768064&Language=F</p>

Form B Stockpiles and Destruction of Cluster Munitions

PART I : Stockpiled Cluster Munitions

Article 7.1 "Each State Party shall report to the Secretary-General ... on:

(b) The total of all cluster munitions, including explosive submunitions, referred to in paragraph 1 of Article 3 of this Convention, to include a breakdown of their type, quantity and, if possible, lot numbers of each type;

(g) Stockpiles of cluster munitions, including explosive submunitions, discovered after reported completion of the programme referred to in sub-paragraph (e) of this paragraph, and plans for their destruction in accordance with Article 3 of this Convention.

State: Canada reporting for time period from 01/04/2014 to 31/03/2015

1. The total of all cluster munitions and explosive submunitions, stockpiled under the jurisdiction and control of the State Party

The following table does not include munitions retained for the purpose of training and expertise (in accordance with Article 3.6) reported in Form D

Cluster munition type	Quantity	Lot numbers (if possible)	Explosive submunition type	Total quantity of explosive submunitions	Lot numbers (if possible)	Supplementary information
	0			0		

2. Additional stockpiles discovered after reported completion of the programme for destruction

Cluster munition type	Quantity discovered	Lot number (if possible)	Explosive submunition type	Total quantity of explosive submunitions	Lot number (if possible)	Plans for destruction	Where, when and how discovered	Supplementary information
Total:	0		Total:	0				

3. Status and progress ... in separating all CM under its jurisdiction and control from other munitions retained for operational use and marking them for the purpose of destruction (ref. Art 3(1))

Cluster munition type	Quantity separated and marked for destruction	Lot numbers (if possible)	Explosive submunition type	Total quantity separated and marked for destruction	Lot numbers (if possible)	Supplementary information

Form B (continued) Stockpiles and Destruction of Cluster Munitions

Part II : Status of programs for destruction of Cluster Munitions

Article 7.1 "Each State Party shall report to the Secretary-General ... on:

(e) The status and progress of programmes for the destruction, in accordance with Article 3 of this Convention, of cluster munitions, including explosive submunitions, with details of the methods that will be used in destruction, the location of all destruction sites and the applicable safety and environmental standards to be observed;

(f) The types and quantities of cluster munitions, including explosive submunitions, destroyed in accordance with Article 3 of this Convention, including details of the methods of destruction used, the location of the destruction sites and the applicable safety and environmental standards observed;

g) Stockpiles of cluster munitions, including explosive submunitions, discovered after reported completion of the programme referred to in sub-paragraph (e) of this paragraph, and plans for their destruction in accordance with Article 3 of this Convention;

State: Canada reporting for time period from 01/04/2014 to 31/03/2015

1. Status and progress of destruction programmes (Article 3)

Status	1320-01-260-8720 Projectile 155mm HE DPICM M483A
Plans, general information	
Methods that will be used	
Name and location of destruction sites that will be used	
Applicable safety and environmental standards to be observed	
Progress since last report	The Department of National Defence worked with Public Works and Government Services Canada, the contracting arm of the Government of Canada, to identify a solution to dispose of the projectiles. The demilitarization service contract was awarded on 30 January 2014 to General Dynamics – Ordnance and Tactical Systems Munitions Services Joplin United States. The destruction by demilitarization was completed in June ⁱ 2014. No cluster munitions remain in the inventory of the Department of National Defence/Canadian Armed Forces.

Supplementary information

2. Types and quantities of cluster munitions, including explosive submunitions, destroyed in accordance with Article 3

2. a. At the entry into force for the State Party

Cluster munition type	Quantity destroyed	Lot number (if possible)	Explosive submunition type	Quantity destroyed	Lot number (if possible)	Date of Completion	Location of destruction sites	Supplementary information
1325-01-283-5829 Dispenser and Bomb Aircraft CBU Mk 20 Mod 11 (Rockeye)	248		Mk 118 Mod 1 Bomblet	61,256		Sept 2006	CFAD Dundurn Saskatchewan Canada	Destruction by open detonation with the use of blasting agent and plastic explosive C4
1325-01-283-6843 Dispenser and Bomb Aircraft CBU Mk 20 Mod 11 (Rockeye)	757		Mk 118 Mod 1 Bomblet	186,979		Sept 2006	CFAD Dundurn Saskatchewan Canada	Destruction by open detonation with the use of blasting agent and plastic explosive C4
1325-01-439-6980 Dispenser and Bomb Aircraft, Cluster CBU-99B/B	21		Mk 118 Mod 1 Bomblet	5187		Sept 2006	CFAD Dundurn Saskatchewan Canada	Destruction by open detonation with the use of blasting agent and plastic explosive C4
1320-01-260-8720 Projectile 155mm HE DPICM M483A1	3		Grenades M42 and M46	(M42) 192 (M46) 72		Dec 2011	CFAD Dundurn Saskatchewan Canada	Dis-assembled and Destruction by open detonation with the use of blasting agent and plastic explosive C4
1320-01-260-8720 Projectile 155mm HE DPICM	12,597		Grenades M42 and M46	(M42) 806,208 (M46)		June 2014	Joplin, Missouri U.S.A.	Demilitarization service contract to dis-assemble,

M483A1				302,328				incinerate the energetic materials and mutilate the subcomponents
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2. b. After entry into force

Cluster munition type	Quantity destroyed	Lot number (if possible)	Explosive submunition type	Quantity destroyed	Lot number (if possible)	Date of Completion	Location of destruction sites	Supplementary information
Total:			Total:					

2. c. Additional stockpiles destroyed after reported completion of the programme for destruction

Cluster munition type	Quantity destroyed	Lot number (if possible)	Explosive submunition type	Quantity destroyed *	Lot number (if possible)	Plans for destruction	Progress in destruction/ Date of Completion
Total:	0		Total:	0			

- To be completed in situations where stockpiles of explosive submunitions are discovered which are not contained in a cluster munition.

3. Methods of destruction used

Cluster munition type	Details of the methods of destruction used
1325-01-283-5829 Dispenser and Bomb Aircraft CBU Mk 20 Mod 11 (Rockeye)	Open detonation (OD). Electric detonator and liberal application of blasting agent with C4 plastic explosive
1325-01-283-6843 Dispenser and Bomb Aircraft CBU Mk 20 Mod 11 (Rockeye)	Open detonation (OD). Electric detonator and liberal application of blasting agent with C4 plastic explosive
1325-01-439-6980 Dispenser and Bomb Aircraft, Cluster CBU-99B/B	Open detonation (OD). Electric detonator and liberal application of blasting agent with C4 plastic explosive
1320-01-260-8720 Projectile 155mm HE DPICM M483A1	Canada investigated a method of destruction by disassemble and open detonation (OD). Open detonation was performed using electric detonators and a liberal application of blasting agent with C4 plastic explosive. Canada utilized three (3) projectiles containing a total of 192 of M42 grenades and 72 of M46 grenades for the investigation.
1320-01-260-8720 Projectile 155mm HE DPICM M483A1	For a total quantity of 12,597 projectiles containing 806,208 M42 grenades and 302,328 M46 grenades, Canada awarded a demilitarization service contract to dis-assemble the projectile, incinerate the energetic materials, mutilate the subcomponents, and recover material scrap for recycling.

Explosive submunition type	Details of the methods of destruction used
Mk 118 Mod 1 Bomblet	After many trials and to resolve a safety issue, the most effective method for Canada was determined to be: open up the dispenser, leave the bomblets in the dispenser and use 3 x 22.5kg bags of blasting agent with 4 x1 ¼ lbs blocks of C4.
Grenades M42 and M46	As per previous, Canada investigated a method of destruction by disassemble and open detonation (OD). Open detonation was performed using electric detonators and a liberal application of blasting agent with C4 plastic explosive. Canada utilized three (3) projectiles containing a total 192 of M42 grenades and 72 of M46 grenades for the investigation. The destruction of the grenades by open detonation method was effective. However, Canada opted to utilize a more environmentally acceptable method of destruction with the recovery of scrap material (see below).
Grenades M42 and M46	As per previous, for a total quantity of 12,597 projectiles containing 806,208 M42 grenades and 302,328 M46 grenades, Canada awarded a demilitarization service contract to dis-assemble the projectile, incinerate the energetic materials, mutilate the subcomponents, and recover material scrap for recycling.

4. Applicable safety and environmental standards observed in destruction

Canadian safety and environmental standards
For Dispenser and Bomb Aircraft CBU

CFAD Dundurn in Saskatchewan Canada is licensed as Canada's national ammunition destruction area and is authorised to conduct open detonation. An environmental assessment (EA) was conducted. Destruction occurred over a 2 year period.

The destruction area was searched for UXO, none were found as complete detonation occurred. Munition Scrap (MS) was screened for energetic residue and picked up for future MS demilitarization.

For Projectile 155mm HE DPICM M483A1

Canada's demilitarization strategy was to award a service contract through an open completion to a company that had demilitarized 1320-01-260-8720 Projectile 155mm HE DPICM M483A1 with the last 5 years and with 3 years' experience. General Dynamics – Ordnance and Tactical Systems Munitions Services (GD-OTS MS) Joplin United States was one of two companies that were compliant from 6 bidders.

GD-OTS MS have been demilitarizing this type of munition for over ten years. GD-OTS MS remotely dis-assembles the projectiles and removes the grenades. The fuse is removed from each grenade and both the fuse and grenade body are incinerated to burn the energetics. Any pollutants that are generated from the incineration are captured and processed by the abatement system that is regulated by the United States Environment Protection Agency (US EPA). In addition, metal was recovered during the process and the material scrap released to commercial recyclers after mutilation.

5. Challenges and International assistance and cooperation needed for the implementation of Article 3

Activity	Description	Time period	Need

Form C Cluster Munitions retained or transferred

Article 3.8. States Parties retaining, acquiring or transferring cluster munitions or explosive submunitions for the purposes described in paragraphs 6 and 7 of this Article shall submit a detailed report on the planned and actual use of these cluster munitions and explosive submunitions and their type, quantity and lot numbers. If cluster munitions or explosive submunitions are transferred to another State Party for these purposes, the report shall include reference to the receiving party. Such a report shall be prepared for each year during which a State Party retained, acquired or transferred cluster munitions or explosive submunitions and shall be submitted to the Secretary-General of the United Nations (...)."

State: Canada reporting for time period from 01/04/2014 to 31/03/2015

1. Type of cluster munitions or explosive submunitions retained in accordance with Article 3(6)

Cluster munition type	Quantity	Lot number	Explosive submunition type	Quantity	Lot number	Planned use	Supplementary information
Total:	0		Total:	0			

2. Type of cluster munitions or explosive submunitions acquired in accordance with Article 3(6). While Canada has not chosen to retain any of its current cluster munitions, in the future it may, if necessary, acquire cluster munitions/submunitions for the purposes permitted under Article 3(6).

Cluster munition type	Quantity	Lot number	Explosive submunition type	Quantity	Lot number	Planned use	Supplementary information
Total:	0		Total:	0			

3. Type of retained/acquired cluster munitions or explosive submunitions actually used in accordance with Article 3(6)

Cluster munition type	Quantity used	Lot number	Explosive submunition type	Quantity used	Lot number	Description of actual use	Supplementary information
Total:	0		Total:	0			

4. Type of cluster munitions or explosive submunitions transferred in accordance with Article 3(7)

Cluster munition type	Quantity	Lot number	Explosive submunition type	Quantity	Lot number	Purpose of transfer	Receiving State Party
Total:	0		Total:	0			

Form D Technical characteristics of each type produced/owned or possessed

Article 7.1 "Each State Party shall report to the Secretary-General ... on:

(c) The technical characteristics of each type of cluster munition produced by that State Party prior to entry into force of this Convention for it, to the extent known, and those currently owned or possessed by it, giving, where reasonably possible, such categories of information as may facilitate identification and clearance of cluster munitions; at a minimum, this information shall include the dimensions, fusing, explosive content, metallic content, colour photographs and other information that may facilitate the clearance of cluster munition remnants;

State: Canada reporting for time period from 01/04/2014 to 31/03/2015

Cluster munition type*	Dimensions of cluster munition	Cluster munition explosive content (type and weight)	Explosive submunition type and number*	Dimensions of explosive submunition	Submunition fusing	Submunition explosive content (type and weight)	Submunition metallic content (type and weight)	Other information that may facilitate clearance
Canada has not produced cluster munitions								

* Please attach data sheets including colour photographs, if possible.

Form F Contaminated areas and clearance

Article 7.1 "Each State Party shall report to the Secretary-General ... on:
 h) To the extent possible, the size and location of all cluster munition contaminated areas under its jurisdiction or control, to include as much detail as possible regarding the type and quantity of each type of cluster munition remnant in each such area and when they were used."
 i) The status and progress of programmes for the clearance and destruction of all types and quantities of cluster munition remnants cleared and destroyed in accordance with Article 4 of this Convention, to include the size and location of the cluster munition contaminated area cleared and a breakdown to the quantity of each type of cluster munition remnant cleared and destroyed."

State: Canada reporting for time period from 01/04/2014 to 31/03/2015

1. Size and location of cluster munition contaminated area*

Location #	Size of contaminated area (m ²)	Cluster Munition Remnants		Estimated or known date of contamination	Method used to estimate suspected area	Supplementary information
		Type	Estimated Quantity			
Total:		Total:				

* If necessary, a separate table for each area may be provided

On a voluntary basis, list the province/district/village where contaminated areas are located as well as (where possible) map references and grid coordinates sufficient to define the contaminated area.

2. Status and progress of programmes for the clearance for cluster munitions remnants

Location #	Size of cleared area (m ²)	Status of clearing programme	Cluster Munition Remnants cleared		Clearance Method	Standards applied	
			Type	Quantity		Safety Standards	Environmental Standards
Total:			Total:				

* If necessary, a separate table for each area may be provided.

On a voluntary basis, list the province/district/village where contaminated areas are located as well as (where possible) map references and grid coordinates sufficient to define the contaminated area. Where possible, refer to the corresponding contaminated area described in [Form F, table 1].

Supplementary information

There are no known areas contaminated by cluster munitions in Canada.

3. Status and progress of programme(s) for the destruction of cluster munition remnants* #

Location	Status of destruction programme	Cluster Munition Remnants		Destruction Method	Standards applied	
		Type	Quantity		Safety Standards	Environmental Standards
		Total:				

* If necessary, a separate table for each area may be provided.

This table is only for use for those cluster munitions remnants that were not destroyed during a clearance programme (for example cluster munition remnants cleared and subsequently destroyed elsewhere or abandoned cluster munitions).

4. Land release

On a voluntary basis, provide information on the release of land previously suspected to contain cluster munition remnants

Location #	Size of area (m ²)	Date of release	Method of release (technical or non-technical survey)

Supplementary information

Not applicable.

5. Implementation of Article 4 paragraph 4 - Provision of information or assistance to another State Party to facilitate the marking, clearance or destruction of cluster munition remnants

See form I below for information on Canada's assistance for mine/ERW action.

6. Challenges and international assistance and cooperation needed for the implementation of Article 4

Activity	Description	Time period	Need

Form G Measures to provide warning to the population and risk education

Article 7.1 "Each State Party shall report to the Secretary-General ... on:
j) The measures taken to provide risk reduction education and, in particular, an immediate and effective warning to civilians living in cluster munition contaminated areas under its jurisdiction or control."

State: Canada reporting for time period from 01/04/2014 to 31/03/2015

2. Measures taken to provide risk reduction education

Not applicable

3. Measures taken for effective warning of the population

Not applicable

4. National plan and budget

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5. Efforts to include survivors in victim assistance planning and implementation, and outreach efforts

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6. National and international resources

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7. Assistance services (including medical care, rehabilitation, psychological support, and social and economic inclusion).

Service (availability; accessibility; services provided)	Implementing agency	Description of service (progress, types of services, number of persons assisted, time period)

8. Needs for international assistance and cooperation

Activity	Description	Time period	Need

Form I National resources and international cooperation and assistance

Article 7.1 "Each State Party shall report to the Secretary-General ... on:

(m) The amount of national resources, including financial, material or in kind, allocated to the implementation of Articles 3, 4 and 5 of this Convention; and

(n) The amounts, types and destinations of international cooperation and assistance provided under Article 6 of this Convention.

State: Canada reporting for time period from 01/04/2014 to 31/03/2015

1. National resources allocated

Activity	Sector (national implementation measures, stockpile destruction, clearance, risk education, victim assistance, advocacy)	Amount of national resources (List currency)	Type of resources (e.g. financial, material, in kind)

2. International cooperation and assistance provided

Canada's "mine action" assistance includes programming in support of the Anti-Personnel Landmine Convention, the Convention on Cluster Munitions and the Convention on Certain Conventional Weapons.

Destination	Sector (national implementation measures, stockpile destruction, clearance, risk education, victim assistance, advocacy)	Amount	Details
Colombia	Victim assistance	\$1,108,834	Care, rehabilitation and social integration. Handicap International is the implementing partner.
Lao PDR	Victim Assistance	\$527,137	Victim assistance (prosthetics supplies and assistance)
Ukraine	Capacity-building	\$2,932,200	Enhancing the capacity of the Ukrainian Security forces to provide Explosive Ordnance Disposal and Counter – Improvised Explosive Device response through provision of equipment. The Canadian Commercial Corporation is the implementing partner.
Iraq	Capacity-building	\$1,458,978	Enhancing the capacity of the Iraqi Security forces to provide Counter –Improvised Explosive Device response through provision of equipment.
Lao PDR	Clearance	\$633,495	ERW survey and clearance. UNDP Lao is the implementing partner.
Vietnam	Clearance	\$1,009,961	ERW survey and clearance. Mines Advisory Group (MAG)

			is the implementing partner.
Cambodia	Clearance	\$692,236	ERW survey and clearance. HALO Trust is the implementing partner.
Croatia	Clearance	\$100,000	ERW survey and clearance. Mines Advisory Group (MAG) is the implementing partner.

3. International assistance and cooperation needed

a. For the implementation of Article 3 : Stockpile destruction

Activity	Description	Time period	Need

b. For the implementation of Article 4 : Clearance and risk education

Activity	Description	Time period	Need

c. For the implementation of Article 5 : Victim assistance

Activity	Description	Time period	Need

Form J: Other relevant matters

Remark: States Parties may use this form to report voluntarily on other relevant matters, including matters pertaining to compliance and implementation not covered by the formal reporting requirements contained in Article 7.

State: Canada reporting for time period from 01/04/2014 to 03/31/2015

Narrative / reference to other reports

Canada ratified the Convention on Cluster Munitions on March 16, 2015. The Convention will enter into force for Canada on September 1, 2015.

ⁱ Destruction was completed in June 2014 and demilitarization certificates were received in July 2014.