

AMENDED PROTOCOL II

**PROTOCOL ON PROHIBITIONS OR RESTRICTIONS ON THE USE OF MINES,
BOOBY-TRAPS AND OTHER DEVICES, AS AMENDED ON 3 MAY 1996, ANNEXED
TO THE CONVENTION ON PROHIBITIONS OR RESTRICTIONS ON THE USE OF
CERTAIN CONVENTIONAL WEAPONS WHICH MAY BE DEEMED TO BE
EXCESSIVELY INJURIOUS OR TO HAVE INDISCRIMINATE EFFECTS
(Protocol II as amended on 3 May 1996)**

REPORTING FORMATS

for Article 13 paragraph 4 and Article 11 paragraph 2

NAME OF THE HIGH
CONTRACTING PARTY: THE REPUBLIC OF CROATIA

DATE OF SUBMISSION: 30/03/2016

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This information can be available to other interested parties and relevant organizations:

YES

NO

Partially, only the following forms:

A

B

C

D

E

F

G

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Summary sheet

(Pursuant to the decision of the Fifth Annual Conference of the State Parties to the CCW Amended Protocol II as stipulated in paragraph 20 of the Final Report, CCW/AP.II CONF.5/2)

Reporting for time period

from: 01/01/2016
dd/mm/yyyy

to: 31/12/2016
dd/mm/yyyy

Form A: Dissemination of information:

changed
 unchanged
(last reporting year: (2011))

Form B: Mine clearance and rehabilitation programmes:

changed
 unchanged
(last reporting year: (2015))

Form C: Technical requirements and relevant information:

changed
 unchanged
(last reporting year: (2009))

Form D: Legislation:

changed
 unchanged
(last reporting year:(2006))

Form E: International technical information exchange, co-operation on mine clearance, technical co-operation and assistance:

changed
 unchanged
(last reporting year: (2015))

Form F: Other relevant matters:

changed
 unchanged
(last reporting year: (2009))

Form G: Information to the UN-database on mine clearance:

changed
 unchanged
(last reporting year: (2015))

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Form A Dissemination of information

Article 13,
paragraph 4 (a)

öThe High Contracting Parties shall provide annual reports to the
Depositary [í] on [í]:

(a) dissemination of information on this Protocol to their armed forces and
to the civilian population;ö

Remark:

High Contracting Party:

THE REPUBLIC OF CROATIA

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INFORMATION TO THE ARMED FORCES:

Since Croatia is one of the High Contracting Parties to the Convention on Cluster Munitions, that Convention is added to the curriculum of the Croatian Defence Academy. The introduction of the Convention on Cluster Munitions to the Croatian Armed Forces was used to reshape and expand the curriculum time dedicated at all levels of education on the agreements, treaties and conventions signed and ratified by Croatia. Starting at basic, advance and senior NCO courses it expands and gets more in-depth coverage all the way up to the War College level. The new expanded curriculum is being implemented from the beginning of September 2011 and is being updated all the time.

INFORMATION TO THE CIVILIAN POPULATION:

Dissemination of information about the CCW and its protocols to civilian population is performed through mine risk education (MRE) activities. Croatian Ministries, Offices of the Government and State Administrative Offices as well as NGOs and international organizations, pass specific training according to their role in the national implementation of the Convention and Protocols.

Croatian Red Cross with its local branches (in local communities), Croatian Mine Action Centre (CROMAC), Ministry of Interior (MoI) and relevant NGOs (Association of Civil Victims of the Homeland War; Association "MineAid"; Trust Fund "Croatia without Mines"; Association "Croatia Helps"; Association of the Homeland War Veterans of Military Police) are active in events and lectures where MRE messages are disseminated. These lectures always bear in mind that mine risk education is effective in terms of reducing the number of mine casualties.

Educational presentations (lectures) about mine/UXO risk topics were organised for children, adults, and for specific target groups (hunters, women-hunters, farmers, firemen, mountaineers, hikers, mushroom pickers, fishermen, public companies employees etc.).

Promotion to the public and the media is an especially important way to directly spread safety messages about the dangers of ERW, which seeks to inform as many citizens at the local and

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national level. Creating and distributing posters, flyers, brochures, etc. and publishing news stories in print and electronic media (radio and TV spots) reaches a significantly larger number of citizens and further points to the still present danger of landmines in Croatia.

The Croatian Police Department is continuing its "Fewer arms, less tragedies" program in partnership with the CROMAC. Citizens are being invited and encouraged to turn in their illegally-owned weapons and ordinance left from the Homeland War without any legal consequences and/or fines. The Croatian Police Department also reacts on basis of citizens' telephone calls and finds large quantities of weapons within their investigations of various criminal activities. Realizing the scope of the problem in Croatia, the Police Department is continuing with this program in the future as well.

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mine clearance activities a total of 3.821 mines and UXOs was found and destroyed, out of which, 1.847 mines and 1.974 UXOs.

At the start of 2016, 46 commercial companies with the total capacities of 653 deminers, 55 demining machines and 42 mine detection dogs conducted demining operations, while at the end of 2016 that number declined to 41 accredited commercial companies with the total capacity of 600 deminers, 51 demining machines and 60 mine detection dogs.

The Annual Mine action Plan was realized using the following funding sources - State Budget funds, EU funds and donations. It is important to mention that, like in the previous reporting year, in 2016, funds acquired for the demining operations from the EU contribution surpassed the ones from the State budget and other sources. In 2016 EU funds had the biggest financing share with 65% of total funds spent and contracted (State budget 34%, donations 1%). Parallel with the implementation of the non-technical survey and search and demining operations, the control of marking and, if necessary, additional marking of suspected hazardous areas was conducted in order to create a clear boundary between safe and mine suspected areas. The locations of mine danger signs are one of the basic elements of the Mine Information System (MIS) that is shown on the maps given to the local authorities, police administration and individuals that have requested maps on SHA situation. On December 31, 2016 the total mine suspected area was marked with 14.088 mine danger signs, which means 814 more mine danger signs in comparison to the beginning of the 2016. This relates to 15% increased marking per square kilometre in one year time, emphasized by the fact of reduced total SHA.

Certain amount of Croatian military facilities including barracks, training areas, radar stations and storage sites are still partially contaminated by land mines, cluster munitions remnants and other UXO. The Demining battalion of the Engineering regiment is responsible for clearance of all military facilities. During 2016, an area of 454.917 m² was searched and cleared. 38 pieces of AP and 2 pieces of AV landmines were found during the process, while 5.084 pieces of UXO were discovered and destroyed.

The Croatian Police Department is continuing its "Fewer arms, less tragedies" program in partnership with the CROMAC. The citizens are being invited and encouraged to turn in their illegally-owned weapons and ordinance left from the Homeland War without any legal consequences and/or fines. Among large arsenals of SALW and other weapons, during 2016 the Police Department collected 176 pieces of AP and 35 pieces of AV landmines.

REHABILITATION PROGRAMMES:

In line with the Act on Mine Action, MRE and MVA activities were conducted during this period with co-coordinative role of Government Office for Mine Action and CROMAC and co-operation with NGOs, relevant institutions and international organizations.

Mine/UXO risk education

Different MRE activities, marking of mine suspected area, possibility of getting an insight into mine situation through submission of SHA maps and CDs as well as using CROMAC web portal have a positive effect on the prevention of mine incidents, but also require additional activities of informing the public and media with different mine action aspects.

In 2016, five mine incidents were registered involving seven people and resulting with three fatalities and four lightly injured people. In these five incidents, six casualties were deminers and one was auxiliary worker in mine clearance.

In 2016, CROMAC coordinated a large number of activities related to informing about mine danger. Through 77 lectures and presentations, more than 21.620 citizens were educated in 2016. Majority of them were kindergarten and elementary school kids. Special education was given to the members of hunting associations, Croatian Mountain Rescue Service, hikers and farmers. Education was provided in Croatian capital Zagreb and 13 other counties.

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The largest number of activities related to the education about dangers of mines and UXO were done in cooperation with the Ministry of Interior (MoI) and the relevant police departments thorough the "Less arms, less tragedy" campaign. The cooperation was also achieved with: Croatian Hunting Federation, Croatian Red Cross, òLions clubö Beli Manastir, Disability Volleyball Club Zagreb, county, city and municipal authorities and other NGOs and associations. All actions and activities in mine action in Croatia and worldwide were presented on web pages of CROMAC and Government Office for Mine Action.

Central ceremony for the April 4, International day of Mine Awareness and Assistance in Mine Action, was held in the town of Gospi (capital of Li ko-senjska County, the most mine-affected county in Croatia) in co-organisation of Government Office for Mine Action and CROMAC.

Providing assistance to mine victims

The Republic of Croatia has developed public health care structure that includes clinics, clinical centres, specialized polyclinics, hospitals and rehabilitation centres. All persons being involved in the incidents are entitled to health protection and acquisition of orthopaedic aids to the amount covered by the Croatian Health Insurance Institute. These rights are regulated by a number of laws, bylaws, rules and regulations. Relevant state administration authorities were involved in solving the problems of mine victims relating to medical rehabilitation. In accordance with the Act on Mine Action, mine victims assistance was conducted with Government Office for Mine Action's coordinative role and in co-operation with relevant ministries, institutions and NGOs. "Croatian action plan for victims of mines and unexploded ordnance 2010 - 2014" based on the commitments undertaken by signing the Ottawa Convention and the Convention on Cluster Munitions was put in place in 2010. The main goal of this plan is to improve the quality of life of people injured by mines and UXOs as well as their families. Competent government authorities dealt with problems of mine victims in the part of medical rehabilitation. Other forms of aid were mainly implemented by non-governmental sector, and funding was secured through donations from international and domestic entities.

Most importantly, Government Office for Mine Action and CROMAC continued to provide advisory support to mine victims and their families and to collect data on mine victims and their needs during the process of non-technical survey in continuation of the 2014 project conducted by Government Office for Mine Action and CROMAC with a goal of establishing the Unified National Mine Victims Database.

Individual assistance

The Republic of Croatia has highly developed legal framework relating to the persons with disabilities in realizing their legitimate rights and status. The status and various forms of rights are being realized through over 250 different laws and bylaws. There are 4 basic forms of mine victim assistance in which ministries, institutions, non-governmental sector, a number of organizations and individual initiatives take part in, such as medical care, physical rehabilitation, psychological help and social reintegration and professional and economic rehabilitation.

There are 29 specialized hospitals for physical rehabilitation in Croatia and one Institute for rehabilitation and orthopedic aids in Zagreb. Centers for psychosocial help and assistance in all 20 counties of the Republic of Croatia and City of Zagreb were opened, aiming at providing the assistance to all people with disabilities including mine victims with war traumas including mine victims and members of their families.

Additional payment for better quality prostheses in the amount of 7.000,00 to 50.000,00 HRK (~1.000,00 to 6.500,00 Euro) is the most frequent form of individual support. Several dozens of persons ask for such type of support each year.

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Collective programs of rehabilitation and reintegration

NGO "Mine Aid" continued supporting mine victims through several projects. During 2016, the advisory assistance to persons affected by mines, and their families continued to be provided by MineAid.

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Form E International technical information exchange, cooperation on mine clearance, technical cooperation and assistance

Article 13,
paragraph 4 (e)

öThe High Contracting Parties shall provide annual reports to the Depository [í] on [í]:
(e) measures taken on international technical information exchange, on international cooperation on mine clearance, and on technical cooperation and assistance;ö

Remark:

High Contracting Party: **THE REPUBLIC OF CROATIA**

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INTERNATIONAL TECHNICAL INFORMATION EXCHANGE:

Based on the Agreement on the transfer of tasks, Article 2, signed between the CROMAC and CROMAC - Center for Testing, Development and Training (CROMAC-CTDT) on 30 October 2003, CROMAC-CTDT took over the activities and projects focused on testing of mine detection and mine clearance equipment, as well as research of new methods and technology.

Technical cooperation:

After the completion of the TIRAMISU project, funded by the European Union, which lasted from 2012 to 2015, in order to further exploit the tools developed as part of the project, in 2016 the Explosive Knowledge Centre (EKC) was established as a community of experts in counter explosive action. The seat of the EKC is in Belgium, at the premises of the International CBRNE Institute and CROMAC-CTDT is one of the founding members and a member of the Steering Committee.

Testing and certification:

The following equipment was tested and certified at the CROMAC-CTDT test site in Cerovac:

- In May 2016, CROMAC-CTDT conducted testing and certification of BOfiENA 4+ demining machine produced by the Slovakian company WAY INDUSTRY.
- In May 2016, CROMAC-CTDT conducted testing of the Face Mask with visor of a Norwegian company ROFI. The testing confirmed that the Face Mask with visor meets IMAS 10.30 - Safety & Occupational Health ó Personal protective equipment (PPE).
- In June 2016, CROMAC-CTDT conducted testing of detectors NR-900EK3M EAGLE, NR 2000 and NR12C, produced by STT GROUP OF COMPANIES from the Russian Federation. The tests were carried out in accordance with the Test plan and programme elaborated by CROMAC-CTDT, based on the methodology derived by CROMAC-

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CTDT, and in line with basic principles of IMAS 03.40. The tests confirmed that all three detectors can detect targets in given test scenarios.

Training:

One of the main fields of expertise of CROMAC-CTDT is training. Training courses are conducted in accordance with IMAS and Testing and Evaluation Protocols. In 2016, the following training courses were conducted for international partners:

- EOD Level 1 examination and Level 2 training course were held in November for trainees from the Ministry of Interior and Ministry of Defence of Montenegro. All the trainees successfully completed the training.

Conferences and workshops:

Government Office for Mine Action, CROMAC and CROMAC-CTDT jointly co-organized the 13th International Symposium and Equipment Exhibition "MINE ACTION 2016" which was held in Biograd in April 2016. The Symposium has become a global umbrella gathering of mine action experts and practitioners. Some 150 participants from 34 countries attended the Symposium, during which different plenary sessions, a field demonstration of demining and detection equipment, a demonstration of technical survey activities, as well as workshops and working meetings of IARP (International Advanced Robotic Programme) and SEEMACC (South East Europe Mine Action Coordination Council) were held.

INTERNATIONAL COOPERATION ON MINE CLEARANCE:

The international cooperation on mine clearance of the Republic of Croatia during the above mentioned period was performed thanks to the donors' contributions from different countries, organizations and individuals. European Union, USA and other countries financed humanitarian demining activities in Croatia in 2016.

TECHNICAL COOPERATION AND ASSISTANCE:

Cooperation on international level required close cooperation between Government Office for Mine Action, CROMAC, Ministry of Foreign and European Affairs, Croatian diplomatic missions throughout the world and Ministry of Defense. Apart from fulfilment of the commitments undertaken by Croatia by signing the Ottawa Treaty, the Convention on Cluster Munitions and the Convention on Certain Conventional Weapons and its Five Protocols, international cooperation activities have mostly consisted of raising funds for demining operations, capacity building, mine victims assistance and mine risk education. International cooperation also included taking part in different conferences at regional and international level that enabled us to promote and present achievements of the Croatian mine action system.

In September 2016, the following research projects were conducted at CROMAC-CTDT test site in Benkovac:

- a research team from Manchester University, together with the University of Zagreb, conducted two research projects of testing of experimental mine detection equipment; their aim was to resolve problems in discerning targets in non-cooperative soils and to investigate advanced electromagnetic detectors. The testing was funded by "Find a Better Way", a charity from the United Kingdom.

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- researchers from the St. Andrews University from Scotland, UK, conducted field testing of sensors for detection of explosive particles, in cooperation with the University in Zadar. The sensors analyse the air from beehives, which contain pollen collected by honeybees in a mine contaminated area.

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Form G Information to the UN-database on mine clearance

Article 11,
paragraph 2,

2. Each High Contracting Party undertakes to provide information to the database on mine clearance established within the United Nations System, especially information concerning various means and technologies of mine clearance, and lists of experts, expert agencies or national points of contact on mine clearance.

Remark:

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MEANS AND TECHNOLOGIES OF MINE CLEARANCE:

Mine clearance capacities included a complete equipment of 46 commercial demining companies that are authorized by Ministry of Interior to perform mine clearance activities. They also need to have accreditation from CROMAC to perform such actions.

All the employees that work in mine clearance (600) are wearing protective equipment that consists of flack jacket with protection for groins and helmets with visors. For special cases of UXO demolition, companies use ballistic suits. Following equipment is in usage for humanitarian demining activities: approximately 650 metal detectors, 51 demining machines including all types (medium, light and heavy), excavators, machines for vegetation clearing and 60 mine detection dogs.

In Croatia, mine clearance operations are mostly performed through combination of mechanical demining, manual detection and mine-searching dogs. CROMAC Standard Operating Procedures (SOPs) also prescribe the entire methodology of humanitarian demining activities. Frequent use of demining machines puts Croatia among the leading states with industrial mine clearance.

LISTS OF EXPERTS AND EXPERT AGENCIES:

Mine clearance experts are employed in various institutions, which deal with mine action issues
CROMAC :

- Mr. Ante Brklja i ó Acting Director,
- Mr. Tomislav Ban ó operative planning and programming
- Ms. Nata-a Mate-a Matekovi ó international cooperation and education
- Mr. Neven Karas ó general and financial affairs
- Heads of CROMAC Regional offices (Mr. Josip erina, PhD. and Mr. Dubravko Kru-arovski) ó operational performance

CROMAC-CTDT Ltd. conducts testing and certification of mine detection and mine clearance equipment; research and development of new mine detection and mine clearance methods and technology; and training in the field of mine action.

- Mr. Nikola Pavkovi , MA, Director

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During 2016. there were 47 commercial companies that were authorized by the Ministry of the Interior and competed in public tenders for mine clearance projects:

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2	AVATAR RAZMINIRANJE avatar.razminiranje@gmail.com
3	ARX j.d.o.o.
4	BAK UNIJA d.o.o. bak.unija@gmail.com
5	BIOS-F d.o.o bios-f@sk.t-com.hr
6	CAPSULA INTERNA d.o.o. capsula.ured@gmail.com
7	COR d.o.o. cor.razminiranje@gmail.com
8	CREDO d.o.o. ivica .mikulic.pz@gmail.com
9	DETEKTOR d.o.o. detektor.cakovec@inet.hr
10	DETONATOR d.o.o. detonator.sb@gmail.com
11	DIZ EKO d.o.o. diz-eko@zg.t-com.hr
12	DOK ó ING RAZMINIRANJE d.o.o. razminiranje@dok-ing.hr
13	DOK-ING d.o.o. ana.majetic@dok-ing.hr
14	EXPLOSIVUS d.o.o. ttexplosivus@gmail.com
15	EKSPLORATOR
16	FAS d.o.o. fas.razminiranje@gmail.com
17	FOSSIO d.o.o. fossio.razminiranje@gmail.com
18	HARPIJA d.o.o. harpija.hr@gmail.com
19	HEKSOGEN d.o.o. heksogen@du.t-com.hr
20	ISTRAFIIVA d.o.o. istrazivac@istrazivac.hr

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22	LOCO d.o.o. loco.razminiranje@gmail.com
23	MAGNUS j.d.o.o. magnus.razminiranje@gmail.com
24	MAPER d.o.o. maper.razminiranje@gmail.com
25	MINA PLUS d.o.o. infominaplus@gmail.com
26	MINE-EX d.o.o.
27	MKA*DEMING d.o.o. mka-deming@ck.t-com.hr
28	MUNGOS RAZMINIRANJE d.o.o. demining@mungos-razminiranje.hr
29	NITRAT d.o.o. nitrat@nitrat.hr
30	OMNIA MEA d.o.o. omnia.meal2@gmail.com
31	ORKAN d.o.o.
32	PIPER d.o.o. piper@piper.hr
33	PIPER RAZMINIRANJE d.o.o. zeljko.romic@piper.hr
34	PITON d.o.o.
35	PROLUMIS d.o.o. prolumis@prilumis.hr
36	RUMITAL d.o.o. rumital@rumital.hr
37	SUPERIOR RAZMINIRANJE d.o.o. parlov.zak@gmail.com
38	TAURUS RAZMINIRANJE d.o.o. taurus.razminiranje@gmail.com
39	TERRAFIRMA d.o.o. terrafirma@vip.hr
40	TETRAZEN d.o.o. tetrazen1@gmail.com
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42	TNT 7 d.o.o. tnt7razminiranje@gmail.com
43	TORNADO RAZMINIRANJE j.d.o.o. tornado.razminiranje@gmail.com
44	TORPEX d.o.o torpex.razminiranje@gmail.com
45	ZELENI KVADRAT d.o.o. zeleni.kvadrat@hotmail.com
46	ZIGO d.o.o. zigo.razminiranje@hotmail.com
47	ZONA RAZMINIRANJE d.o.o zona.razminiranje@gmail.com
* list with detailed contacts and capacities available at CROMAC website	

NATIONAL POINTS OF CONTACT ON MINE CLEARANCE:

Acting Director of the Government Office for Mine Action ó Mr. Hrvoje Deba (hrvoje.debac@mine.vlada.hr)

Acting Director of CROMAC - Mr. Ante Brklja i (ravnatelj.HCR@hcr.hr)

Other points of contact:

Head of the CROMAC - CTDT ó Mr. Nikola Pavkovi , MA (nikola.pavkovic@ctro.hr)

CROMAC Web site: www.hcr.hr

Office for Mine Action Web site: www.mine.gov.hr

Office for Mine Action Twitter: @MineActionHR

CROMAC Mine information System portal: <https://misportal.hcr.hr>

CROMAC - CTDT Web site: www.ctro.hr

Cluster for Humanitarian Demining Web site: www.cluster-demining.hr