

LIMITS FOR THE PREPARATION OF A NEW CONCEPTION OF POPULATION PROTECTION

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Abstract

The current conception of population protection will be completed in 2013 and should follow a new conception. Due to the development of the world financial crisis and its impact on public finances it is necessary to apprehend new limits, which affect the preparation of a new conception. These limits are in the areas of: human, financial, material and creative resources. They will be screened in political and organizational systems with regard to the participation of individual components of the security system to ensure the needs of the population protection from 2014 to 2020 with a view to 2030. The paper deals with the underlying of analytical and synthetic bases for formulating the conception which will specify the future protection of the population.

Key words

Population protection, conception, security reality, limits, the theory of a concept.

Introduction

I have always appreciated any document attempting to refine the direction of the development of population protection in the future and especially when the predictions really came true. Any conception belongs to these documents. The last conception of population protection was approved on February 25, 2008 till the year 2013 with the view to 2020. This kind of a document is adopted by the government, therefore by the executive power and during its implementation also legislative and judicial power is engaged. Population protection is not only about the tasks within the scope of public administration actions but it also includes the activities of self-administration authorities, physical and legal persons.

The elaboration of a new conception of population protection is approaching and therefore the time has come to reflect the development of the situation in the society since 2008 and how it has projected into the starting points for the elaboration of a new conception. The authors of the new conception should reflect information on limits in order that their effort was useful and therefore qualitative. Population protection is the main objective of the organization and implementation of public power and definitely earns the appropriate attention.

Limit in the Preparation of the Conception

Limit is a boundary to which a variable approaches. Limit is a mathematical construction which expresses that the values of a given sequence or function approaches arbitrarily close to some point. Just this point is then marked as a limit. This mathematical definition follows the definitions such the sequence limit or function limit. The term limit is of a real value, more general definition is in the arbitrary measurable space and even more general definition regards the arbitrary topological space.

Limit in the preparation of the conception represents a metaphorical meaning of the word. It means the limits to which the evaluating and proposal part of the conception will approach.

Limits will be therefore connected with:

- the authors of the conception,
- societal conditions (political, economic, social, cultural),
- the sources (human, financial, material, creative),
- the contents of the conception,
- conception implementers.

What the limits in the conception preparation will express:

- availability and accuracy of background information,
- quality of planning the changes and determination of target tasks of the conception,
- anticipated threats for the conception realization.

Why the limits are important:

- contribute to a more actual vision about the future,
- contribute to quality preparation for real objectives fulfillment,
- prepare a sophisticated argumentation for an approval process of the conception,
- prepare the argumentation for the conception implementation.

Theoretical Preparation for the Future Conception

We will use a model expression of security reality (2, 2010) which is described by the relation $s,t,r BR = (s,t,r B, s,t,r BP, s,t,r BS)$. It contains three distinguishable components of security reality (BR) in space (s), time (t) and for states (r), which are both military and nonmilitary threats. The model of security policy (BP) expresses a set of ideas about the solution of unfavorable situations, i. e. legislation, regulations, crisis plans and at the same time the conception. The security system (BS) includes public and non-public participants in the ensuring of security measures including population protection.

In the register of anticipated changes which are encompassed in the population protection conception, we are interested in the dynamics of the development of security reality. We can explore it by means of **scenarios** (S). A simplified model record (2, 2010) is: $[S = (M(t1), M(t2), \dots, M(ti), \dots, M(tm))]$. In each model $M(ti)$ the condition of elements in time (ti) is figured. For the schedule of the conception it will be suitable to substitute for (ti) the individual years of the conception implementation (e. g. 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2030) and refine the models of changes which are supposed to be achieved. The scenario contains the sequence of models as a function of time, as it is, inter alia, specified in the background for the security research management theory (1, 2009). The symbols of brackets [] represent that for a chosen period there might be more scenarios. The elements of a model are the actors (A), their relations (R) and the environment (E). Model expression is: $M(ti) = (A(ti) \cap R(ti)) \cup E(ti)$. Besides a static description we follow also the dynamics which is, when comparing two models, at different times (tx) and (ty). The result might be for $(tx) \neq (ty)$ just $M(tx) = M(ty)$ or $M(tx) \neq M(ty)$. What we explore in changes in population protection are the concrete measured values of observed parameters of actors, relations and the environment in models made at different times (1, 2009):

$M(2014) = (A(2014) \cap R(2014)) \cup E(2014)$ and other compared years:

$M(2015) = (A(2015) \cap R(2015)) \cup E(2015)$,

$M(2016) = (A(2016) \cap R(2016)) \cup E(2016)$,

$M(2017) = (A(2017) \cap R(2017)) \cup E(2017)$,

$M(2018) = (A(2018) \cap R(2018)) \cup E(2018)$,

$M(2019) = (A(2019) \cap R(2019)) \cup E(2019)$,

$M(2020) = (A(2020) \cap R(2020)) \cup E(2020)$,

$M(2030) = (A(2030) \cap R(2030)) \cup E(2030)$.

There are only 5 possible variants of the transfer between models, for actors, relations and the environment. For elements ($A | R | E$), where the symbol „|“ means “or“ is the record:

1. origin of a new one ($A | R | E$),
2. continuation ($A | R | E$) without changes,
3. continuation ($A | R | E$) with internal changes,
4. continuation ($A | R | E$) after transformation,
5. extinction ($A | R | E$).

From the model expression it is obvious that the ***population protection is a summarized characteristic of security reality***, which is formed by a range of partial interconnected parameters which by a measurable way describe the quality of the activity of security actors and their mutual relations in the security environment.

What does this, through a model expressed base, mean? It is the recommendation of a methodic approach to achieve objectively formulated targets of the conception. The procedure of ideas creation must be objective therefore their creators must be grounded and realize what the security reality is like and which tendencies are significant and often decisive.

We live in a ***democratic society*** and we would like to live in it also in those years which are planned by the conception. So it is not detrimental to be acquainted with the opinions which mention potential threats whose germs have already been in democratic societies. Stefan Volner in the New Theory of Security (8, 2005) pp. 245 – 255 specifies 10 threats to the democracy in the 21st century. They are:

1. decline and economic crisis,
2. decline and crisis of morale and human values, cultural, interests, and crisis of goals,
3. crisis of political power,
4. national sovereignty crisis,
5. social crisis,
6. hegemony and unilateral polarity, destruction of geopolitical balance,
7. globalization,
8. uncontrollability and unavailability of scientific and technological development,
9. information explosion and information theft,
10. egoism, apathy, and pessimism.

It depends on the capability of the conception creators to apply the experience into a specific model of ideas about individual objectives. Current worldwide economic crisis might be partially on decline. Its consequences will definitely show up in the international security environment, in the worse security relations and they will represent the frame for the direction of the population protection in our national conditions.

The elaboration of the population protection conception neither has been in the CR the phenomenon that would accompany the political culture and the realization of a legal order. It is the act which follows the adoption of laws forming the security legal base in conditions of the independent Czech state. In response to the Constitution Act no. 110/1998 Coll., on security of the Czech Republic, the package of acts for addressing military threats in 1999 and non-military threats in 2000 was adopted. Therefore the legal reason to fulfill the laws in the form of conceptions arose.

The only act which mentions the population protection is the act no. 239/2000 Coll., on Integrated Rescue System. This act:

- defines the Integrated Rescue System,
- determines the sections of Integrated Rescue System and their sphere of actions provided that it is not determined by a special legal regulation,
- defines the sphere of actions and competence of public authorities and authorities of territorial self-administration units,

- rights and obligations of legal and physical persons,
for the following security situations:
- during the preparation for extraordinary events,
- during rescue and recovery activities,
- during population protection before and during the declaration of „crisis states“ i.e. state of danger, state of emergency, and state of war.

According to the law, population protection means the fulfillment of tasks of civil protection (according to Geneva Conventions), especially warning, evacuation, sheltering and emergency survival of population and other measures to ensure protection of the life, health and property.

For the right orientation it is indispensable to create the picture on the future situation in the world, in national conditions and later in individual branches which will take part in the implementation of the conception. The conception of population protection is a practical tool of national security policy. It reflects a real understanding of security reality. However, it is only one of the national policies. Security policy usually covers the requirements for the balance and follows the economic possibility, practical capability and needs on a national level. The part of security policy is the manifestation of the approach to the defense and protection of the state and population.

What We Know about the Future Conception

Time limits follow the determination which will be for years 2014 – 2020 with the view to 2030 provided that the current preconditions are fulfilled. However, neither can we eliminate the preparation for years 2014 – 2018 with the view to 2025.

Basic political limits in the CR: the next elections to the Chamber of Deputies will be in 2014. The document will be adopted by the new government which is supposed to have the policy statement for years 2014 – 2018.

If the validity of the document is 6 years, the basic changes should be agreed in the entire political spectrum. Such condition will require timely clarification of the schedule of measures for planned years. It is therefore probable that these questions will be discussed preliminarily with parliament clubs even before the end of the election period and even though it is a government document.

On September 8, 2011 “*Security Strategy of the Czech Republic 2011*“ was approved. It covers the preconditions for the maintaining of its validity even for the next period. If this document is understood as a basic document of security policy, then it is appropriate, that **Basis of security policy of the CR** says that “.... *the strategy of the CR represents the approaches, tools and measures to ensure the security, defense and protection of the citizens and the state.*“ The government and the authorities of territorial self-administration units are primarily responsible for the organization of security in appropriate extent. For the first time it is stated that “*the key importance.... has political and economic stability of the EU. Extraordinary openness of the CR economy causes that it is exposed to the influences of the external environment especially with regard to the access to markets and provision of energetic sources supports peaceful solution of conflicts, collective approach to security and mutually beneficial economic cooperation.*“ It should be added that the membership in these organizations does not mean that we would lose the prime responsibility for our own security and defense. Strategic interests encompass “*homeland security and population protection*“. Further these interests are extended by the “*prevention and managing of local and regional conflicts and their consequences*“, “*prevention and suppression of threats which affect the security of the CR and allies*“ and on “*provision of energetic, raw-material and food security of the CR*“. Other

significant interests were refined and they will newly enable to “*increase the resilience of the society against security threats*”.

Following the previous conception and its structure, the preparation of a new one will pay attention to the ***determination of limits for the following questionable issues:***

- secure society: the tasks of public administration, enterprising sphere and citizens,
- preparedness of public administration staff, legal and physical persons and school children,
- basic organizational and technical measures of the population protection, i.e. warning, evacuation, sheltering, emergency survival, protection of persons against contamination, humanitarian aid, cooperation with non-profit organizations, monitoring of radiation, chemical and biological situation, informing of population, planning and solution of measures for the protection of population in case of extraordinary events, non-military and military crisis situations, planning and preparation of prevention,
- civil emergency planning, crisis management, critical infrastructure,
- fire protection,
- protection of the health of persons (public health, life and health preservation),
- veterinary protection against dangerous animals diseases and their transmission,
- science and research,
- economic measures for crisis states,
- international cooperation (EU, NATO, UNO),
- addressing population protection in case of non military crisis situations: against floods, protection of the environment and the effects of changes on the population, against the effects of breakdowns in nuclear facilities, against the effect of serious accidents in the transport, against the effects of serious breakdowns caused by dangerous chemicals or chemical products, against terrorism and organized crimes, against negative impacts connected with the migration,
- protection of citizens of the CR and their property during extraordinary events in abroad,
- addressing population protection in case of the jeopardy of the state and war state: preparedness of forces and means, units of fire protection and facilities of civil protection, forces and means under the state of war, operational control, material and financial provision.

Basic security characteristic of the CR is that it is a legal state, i.e. the condition where the security system and relations are given by law. This should be a limit precondition for the future population protection to preserve this status. Security system belongs to the best one in the world and it would not be the happiest solution to change the basic rules and carry out the system changes. The main thing that brought the year 2001 is the merging of civil defense and fire protection into one executive component of the Integrated Rescue System – Fire and Rescue Service of the CR. This systemic decision should be preserved in the future unless we want to meet the disintegration of the existing operation system.

Résumé

During the preparation of the elaboration of the future conception of population protection, it means the preparation of the document which should react to the changes in security reality both from the viewpoint of potential threats, security policy and security system, we should proceed in the way where the limits would be determined for various areas. The determination of limits will enable to improve the recognition of the ideas on the future of the population protection and flexibly react to anticipated situations.

Population protection does not mean only the measures, but it has always been the objective of political and practical effort of the government, public administration and

territorial self-administration. The paper deals with the methodical approach to the elaboration of the conception of population protection. It specifies how the limits are understood, refers to the theoretical bases and summarizes basic information which is obvious when preparing such a document.

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He graduated from the Military Academy in Brno, Department of Geodesy and Cartography (1971–1976). He graduated at the Military Academy in Brno (1979–1984), obtained Sciences Qualification of IIa, worked at the Academy of Sciences of the Czech Republic (1990), and attended two-semester study at the Faculty of Law of the Charles University in Prague (1994–1995), habilitated at the Military Academy in Brno (2004). He holds a PhD doctoral title.