

THE OBJECTIVE NECESSITY OF THE METHOD OF MICROCHIP-BASED ACCOUNTING OF SERVICE DOGS IN THE FIELD OF CYNOLGY

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Abstract

In this article, the development of the field of cynology in the Republic of Uzbekistan and the creation of modern advanced technologies - methods of keeping records of service dogs - microchip and its relevance, objective necessity are presented. Also, the importance of this methodology, scientific proposals and practical recommendations for the training of service dogs and digitalization of educational and training processes in the future are outlined.

Keywords: Service dogs, special direction, innovative technologies, dog breeds, microchip, accounting, educational process, identification, tracking service dogs.

Introduction

Currently, the areas of use of service dogs have been greatly expanded to ensure the inviolability of the state border, protect critical facilities, fight crime, prevent crime, search for criminals, detain them, guard, guard, detect and search for drugs, fight terrorism and prevent other types of acts related to terrorist acts, and and so on, they are being used effectively.

It is worth noting that when using service dogs in law enforcement agencies, there is an objective need to create a method of correctly selecting their breeds, breeding them, and keeping records of them in terms of quality and quantity, based on unified technologies.

Literature review on the topic

In a number of developed countries of the world, there are specific methods of breeding and conducting veterinary activities for the care and treatment of pedigree service dogs, but in the CIS countries and the Republic of Uzbekistan

there is no method of conducting pedigree service dogs on the basis of uniform information on the basis of modern technologies.

Today, our country is undergoing many fundamental reforms in the field of the customs system. The National Cynological Center also contributes to the development of the customs system. The National Cynological Center has the status of a regional cynological center of the World Customs Organization, and on a contractual basis has the right to train, retrain and improve the qualifications of cynologists, as well as to select, purchase, breed and care for service dogs for cynological services of the Republic of Uzbekistan and foreign countries.

It should be noted that in law enforcement ministries and departments of the Republic of Uzbekistan there is a need to maintain the accounting and effectiveness of existing breeding service dogs through an electronic platform, as well as to create a unified technology for microchip-based accounting of service dogs using new innovative technologies.

The requirements of the present time show that in the system of law enforcement agencies, training qualified dog breeders and training service dogs in various areas, increasing the number of pedigree service dogs, as well as creating an effective system for selecting, purchasing and caring for serviceable pedigree service dogs in various areas remains an urgent task.

In this regard, law enforcement ministries and departments are required to carry out constant and comprehensive monitoring of the effectiveness of the use of service dogs in order to identify possible shortcomings in the performance of their tasks, prevent future involvement of service dogs with various complications, develop new innovative methods of treating sick service dogs.

Therefore, the results of this project will make it possible to form a unified database of pedigree service dogs at the expense of law enforcement ministries and departments, analyze the effectiveness of service dogs, identify the causes and factors of various service dogs, strengthen measures to prevent the incidence of infectious service dogs.

Research methodology

The methods of scientific study of the topic, historical logic, systematic analysis, statistical analysis and scientific abstraction in the process of analysis and research are used. The article presents scientific proposals and practical recommendations for the introduction of modern methods of treatment, breeding,

care and training of pedigree dogs attached to them by law enforcement agencies of the Republic of Uzbekistan, as well as the creation of a methodology based on a single electronic information system - technologies.

Analysis & results

Separate studies are being carried out on the creation and reproduction and protection of world breeds of pedigree dogs, the approval of state standards of created dog breeds, the creation and use of new dog breeds in the training process of cynologists and service dogs

In this regard, researchers of the Arizona State University (USA), the University of Helsinki (Finland), the Russian Federation of Cynology, the customs system of Turkey and the Republic of Latvia, the School of Service Search Dog Training under the universities of the Ministry of Internal Affairs of the Russian Federation are conducting research on the development of the field of cynology, and significant results are being achieved.

Currently, the research and existing practice in the field of cynology in developed countries are as follows. Including (Table 1).

Table 1 Practices and experiences of developed countries on the topic

T/R	List of developed countries	Current Practice
1	<i>United States of America</i>	<i>The largest cynological organization in the United States</i> is the American Kennel Club (AKC), which unites a number of centers and universities in the field of cynology. In the universities and centers of this club, research is carried out on the training of service dogs in police and military dogs, as well as training service dogs in rescue areas.
2	<i>United Kingdom</i>	<i>The UK</i> is home to the world's oldest popular Kennel Club, which hosts some of the world's most prestigious dog competitions and has scientifically advanced experience in dog breeding.
3	<i>German state</i>	<i>In Germany, the</i> Schutzhund (protection dog) program was created, high standards were developed for the selection of the German hunter breed and the training of police dogs. The Federal Police Service is highly organized.
4	<i>French State</i>	<i>In the French state</i> - the National Federation of Dogs and Cats (SCC) operates. Conducts scientific research on the selection and training of hunter dogs and on the conservation and development of local breeds.
5	<i>Russian state</i>	<i>In the Russian state</i> - service dogs are trained for military and police service activities, as well as active special dogs are trained through the program "Sobaka na slujbe".
6	<i>State of the Netherlands</i>	<i>In the Netherlands, the</i> training of service dogs has been established on the basis of the popular program KNPV (Royal Association of Police Dogs), and research is carried out in the field of creating the most advanced methods for training service dogs. It hosts many international competitions.
7	<i>State of Israel</i>	<i>Israel is</i> a leading state in the field of training dogs for special operations, trains special service dogs in the direction of anti-terror, search and rescue. He has advanced experience in methods of training service dogs operating in desert conditions.

To date, our country has adopted a number of legal acts to improve this field of cynology, especially in the system of law enforcement agencies. In particular, the Cabinet of Ministers of the Republic of Uzbekistan dated September 9, 2019 No. 750 "On measures to radically improve the activities of cynological services of the internal affairs bodies" and the Cabinet of Ministers of the Republic of Uzbekistan dated September 9, 2019 No. 750 "On measures to radically improve the activities of cynological services of the internal affairs bodies" regarding the effective and targeted use of service dogs in law enforcement agencies and the increase of pedigree dog breeds, the use of modern technologies in educational processes and the training of qualified dog specialists Resolution No. 1029 of December 19, 2018 "On measures to further improve the activities of the National Cynological Center of the State Customs Committee of the Republic of Uzbekistan" was adopted.

However, there are problems that need to be solved in terms of training professional film specialists in training service dogs and creating new technologies for effective accounting of service dogs.

Including:

Retrieved 2012-01-12. This problem shows the need for genetic research and screening programs to improve the health of the breeds.

Dog behavior is in the direction of study - there is a lack of a complete understanding of dog behavior and psychology. It requires research into the mechanisms of upbringing, socialization and conditioned reflexes.

On the problems of feeding and nutrition - on optimal nutrition, metabolic characteristics specific to different breeds, food allergies are required, and digitalization is required to keep records of feed products.

In the direction of improving the methods of the educational process - it is important to scientifically improve the methods of training dogs to perform various tasks (service, rescue, therapy).

In the direction of breeding and ensuring biodiversity , there is a problem of finding a balance between the preservation of "pure" breeds and ensuring genetic diversity.

In the area of the effectiveness of service dogs - the creation of new modern technologies in coordinating methods of increasing and improving the effectiveness of service dogs in search, rescue and other special tasks (creation of a unified electronic information system in law enforcement agencies).

In the direction of new technologies in the field of dog health - improving methods of early detection, treatment and prevention of diseases.

In the direction of relationships between dogs and humans, the mechanisms of connection between dogs and humans, the ability of dogs to understand human emotions.

It is desirable to conduct scientific research in these areas. It provides for the creation of a methodology for conducting service dogs on the basis of digitalization, that is, on the basis of microchips, a *single database based on the formed technologies*.

In Uzbekistan, through the use of new innovative technologies in the field of cynology, especially in the field of cynology, there is an objective need to develop a methodology *for maintaining a unified database* of pedigree service dogs under law enforcement ministries and departments on the basis of developed technologies.

Today, the development of a methodology for maintaining a unified technology for keeping records of service dogs based on microchips is relevant for the following reasons (Figure 1). Out,



Figure 1. Features of the method of maintaining a single technology of accounting of service dogs based on microchips

It is worth noting that on the basis of the creation of a methodology for maintaining a unified technology for accounting of service dogs based on microchips, *it is ensured to increase the efficiency of the training process and certification of service dogs*. Training programs can be improved and standardized by monitoring each dog's training process and their skills.

Through this methodology, international coherence and cooperation are developed. A single microchip-based technology facilitates cooperation between cinematography services of different countries.

In law enforcement agencies, service dogs are protected from loss, theft and replacement in the performance of their duties in a special direction. Microchips allow dogs to be quickly identified and returned to their owners if they are lost or stolen.

As we know, maintenance of service dogs is carried out at the expense of budgetary funds. In particular, the effective and targeted use of expenses (storage, feeding and veterinary care) is ensured. Improving the efficiency of medical care will be created. Quick access to the full medical history of each dog can help improve veterinary care and detect health problems early.

A unified electronic information system of breeding service dogs in law enforcement ministries and departments will be created, the timely conduct of practical training with service dogs attached to cynologists will be monitored, modern methods of treatment, breeding, care and training of service dogs will be introduced into practical activities with the organization of advanced training of veterinary workers and cynologists in special educational institutions of foreign countries And that's what we're doing.

Conclusion and suggestions

In our opinion, *the following results will be achieved by creating and applying in practice a unique microchip-based technology for service dogs in the field of cynology:*

- the formation of a unified database of purebred service dogs at the expense of law enforcement ministries and departments;
- an opportunity to analyze the use of service dogs in customs inspection of goods and vehicles under customs control;
- monitoring and implementation of the effectiveness of service dogs in the

service activities of the National Guard;

- a methodology will be created to control the timely conduct of practical training with service dogs attached to cynologists;
- a system will be developed to control the general clinical status and work capacity (general and special training course skills) of service dogs;
- it will be possible to determine the causes and factors of the origin of various cases of service dogs, to strengthen measures to prevent the incidence of infectious casings;
- localization, technical support and service of the production of world-recognized special technical means in the field of training, storage and care of service dogs are organized;
- in order to train, keep and care for service dogs, to increase them, proposals are made to improve the material and technical base of cynological centers;
- on the basis of the creation of a unified microchip-based accounting technology for service dogs, incorrect identification of their account will be eliminated;
- the ability to monitor the location of service dogs trained for special orientation in real time, as well as reduce the risks of their loss during special operations;
- law enforcement agencies will be able to optimally distribute service dogs based on a single technology - the skills, specialization and location of service dogs;
- Improvement and standardization of training programs is achieved by tracking the history and skills of the training process (training) of each service dog on the basis of a single microchip-based accounting technology.

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