

## CURRENT STATUS OF REGULATORY MANAGEMENT OF TAXI TRANSPORTATION LOCATED IN ANDIJAN CITY

*Senior teacher of Andijan machine-building institute*

**Dumakhonov Furkat**

*Assistant of Andijan machine-building institute*

**Rahmatov Suhbatillo**

**Keywords:** *Current situation of the population of Andijan city, Organization of passenger transportation by taxis, Regulation of private enterprise, Regulatory management of non-directional taxi transportation, Royal Taxi and Yandex Taxi operating in Andijan city.*

Despite the fact that the population of Andijan in 2023 will exceed 468,000, in the analysis of city transport, more than 120,000 people will enter the city territory from the surrounding areas (district, nearby, city, regions, etc.) and this certainly has a great impact on the traffic environment. Also, the number of vehicles used by the population is greater than the number of the population, causing large interruptions in the speed of the road. In the technological part, we will mainly analyze the current situations that have arisen in the movement of motor vehicles and the improvement of the efficiency of the taxi service, as well as the shortcomings in this area and their situation. The current state of traffic congestion management can be said to be much better than it was in the past. During the period when light car-taxis were owned by the state, the regulatory management of their transportation was very well organized. There were several hundred or even more than a thousand vehicles at the expense of taxi motor palaces. Even today, thousands of cars serve the population. However, since most of them are private cars, the regulation of taxi transportation has completely changed. Today, as before, there are no special taxi stands. Taxis are choosing stops mainly on the initiative of the drivers. Analysis shows that due to the unplanned parking of taxis, drivers put traffic safety issues on the second level and serve passengers by parking in places where parking is prohibited. The issue of ordering taxis and their fulfillment is also carried out in a scattered manner.

Table 1.1, the regulation of taxi transport is one of the issues that need to be solved urgently. For this, it is necessary to reorganize the effective management of the traffic of light cars and taxis from one center. The development and introduction of a fault management system increases the efficiency of the use of taxis and improves the quality of passenger service.

Table 1.1

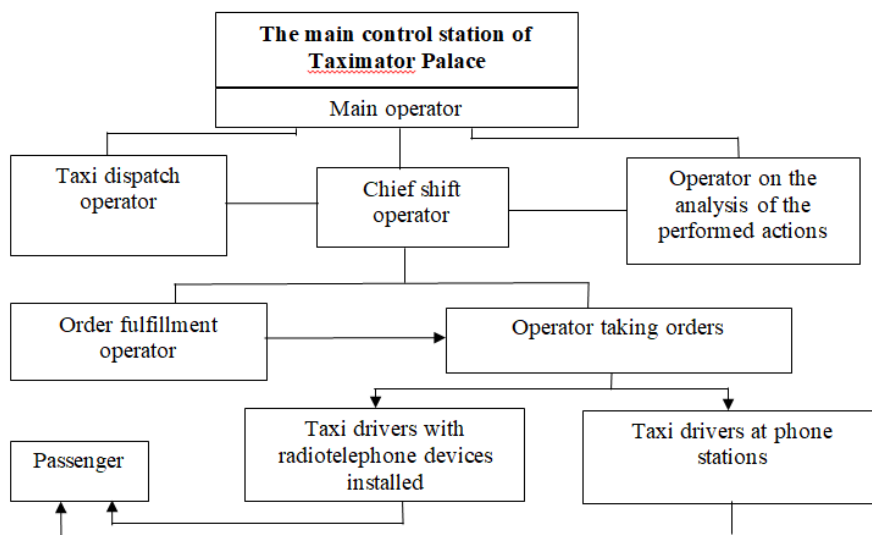


Table 1.1 Structural diagram of the central main station of the Taxi Motor Palace

One of the most urgent issues is to restore the control system of light car-taxi movement according to the centralized principle. A fault management system is appropriate when it is equipped with technical means of control and fault communication. The management service is effective when the content is selected and the model management processes are implemented. The introduction of the taxi motor transport control service system makes it possible to solve the following:

- delivery of car-taxi to the customer in the nearest distance quickly according to urgent and pre-ordered orders;
- reducing the non-paid distance and increasing the coefficient of use of the paid distance;
- reducing the waiting time of taxis for passengers at stations;
- to improve the quality of passenger service in taxis;
- reducing the time of taxis stopping for technical reasons. Procedure for organization of maintenance service. The composition of the maintenance service is determined taking into account the local conditions, the number of private companies that transport taxis in the city, the number of car-taxi trips, the number of orders to be fulfilled and their distribution during the hours of the day. Preparation and release of light taxis. The main task of the disposal service of a private enterprise is to issue taxis on time and in full according to the departure schedule.

The private enterprise manager performs the following tasks:

- issuing a car-taxi on a trip and preparing its documents;
- organizing the departure of taxis and ensuring their departure on time. Taking and executing orders centrally for car-taxi is carried out through the system of a private enterprise or the mobile phone of the driver. Pre-orders can be standing orders or one-time orders. Urgent orders are fulfilled by dispatching available taxis within 10-15 minutes (no more than 1-2 km) to the customer. Advance orders are guaranteed to be fulfilled at

the time specified by the customer. The system for accepting orders for car taxis receives the following information from the customer:

- order acceptance time;
- car-taxi rate at the customer's request;
- the time of sending the taxi to the client and the address of the client;
- name and surname of the client;
- customer's phone number;
- the number of the customer receiving the order.

To fulfill the received orders, the order fulfillment manager sorts the orders by city area. After that, he instructs the taxi drivers to complete the order using a mobile phone connection. Nozim divides pre-orders by hours of the day. The task is given 15-20 minutes before the execution of orders.

The results of the studies showed that the control management is based on the principles of market and profit. The working process of taxi association enterprises operating today is the same as the above rules. It is important that the operator who contacts the customer knows the location of the customer, where he is going, etc., and delivers it to the taxi driver clearly and quickly. There is some information about the company Yandex Taxi and they are as follows:

Yandex.Taxi is an independent business unit of Yandex , a taxi aggregator and food delivery company, as well as the name of a mobile application developed for them. The head office of the company is located in Moscow .

In 2011, a new Yandex service - "Yandex.Taxi" was launched in Moscow. At the initial stage, 11 taxi companies in Moscow and about 1000 drivers were connected to it [1] .

Initially, the service was presented only as a mobile application on iOS and Android platforms, but in June 2012, a web version of the service appeared [2] .

Lev Volozh, the eldest son of Arkady Volozh , the founder of Yandex , was appointed as the first head of "Yandex.Taxi".

Service in 2012 orders according to commission to receive starts [3] .

card in 2013 with to pay opportunity added [4] .

January 2015 " Yandex.Taxi " " Ros.Taxi" in the month buy got , [5] this while to taxi parks orders acceptance to do and distribution enable gave \_

In 2016, Yandex corporate taxi to the market includes [6] .

July 2017 in the month Yandex and Uber Russia and in the CIS business and online taxi services combine according to agreement signed . In the merger Yandex 100 million dollars investment entered and his mapping service technology , and Uber \$225 million in cash money and Uber's in the world leader online transport service to the global experience as investment entered \_ Joint \_ company Uber and Yandex from brands use the right took \_ To the contract according to , united company for \$ 3.7 billion evaluated . Yandex new 59.3% of the company , Uber 36.6% and new company 4.1% belong to employees [7] .

August 6, 2018 "Yandex.Taxi" bought Opteum, a developer of online services for managing taxi fleets. The service allows to optimize work in taxi companies [8] .

Starting from the summer of 2019, "Yandex.Taxi" plans to purchase software and call centers belonging to the "Vezyot" group of companies. In April 2020, the activity in this direction was stopped [9] [10] .

On August 19, 2020, the "Yandex Go" app was launched based on "Yandex.Taxi" [11] . Apart from online taxi ordering, the app has integrated car rental, food ordering, express delivery services, public transport and cargo tracking.

Yango is an international brand that provides taxi services around the world - short for Yandex Go.



Figure 1.1 Geography of services of Yandex Taxi

Figure 1.1 shows the countries in which Yandex Taxi provides services (in red countries as yandex taxi, in yellow countries as Yango, and in blue countries it is prohibited).

Yandex Taxi is the most popular taxi service company with the largest number of customers, despite being a new company . There are several reasons for this:

Connecting the service is absolutely free for car owners and there are additional bonuses, of course, many conveniences for customers, for example: - ordering from home

Determining where to go from a map using a mobile phone

An opportunity to find out how much the toll is before getting into the car

24/7 working of the app for both customers and drivers with some convenient options like history of old orders etc.

The availability of any method of payment is only available to the company's customers through regular promotions.

Security and insurance

A separate group of claims consists of issues related to damage caused by an accident involving Yandex. Taxis", which were widely covered in the media. The company's legal services for compensation to victims Yandex.Taxi " is an informational service only.

Until December 2017, the lives and health of passengers were not insured by the Yandex company. Representatives of Yandex stated that they are not responsible for the accident, because they only provide software for taxi fleets and customer interactions. In 2016, there was an accident with an injured passenger due to the fault of the driver, for which the court for the first time held not only the driver and the taxi fleet, but also Yandex liable.

In the fall of 2021, a major agreement was signed on the insurance of aggregator drivers against diseases and accidents (the insurance premium amounted to 1 billion soums) (the insurance policy also provides for telemedicine services for drivers). The maximum amount of insurance payment for each driver is 2 million rubles, the insurance premium is paid partly by the company and partly by the driver/partner , the distribution of shares depends on the status of the partner. On December 19, 1999, the insurance company "Mango Insurance" is the insurer under this program. Before this contract, Yandex pilot projects were implemented. Taxi driver insurance in St. Petersburg, Yekaterinburg, Kazan, Krasnodar, Nizhny Novgorod, Novosibirsk, Rostov-on-Don, Sochi and Samara. In them, Yandex covered 50% of the insurance policy value, and the rest covered the partner.

In November 2018, Yandex.Taxi announced a speed control project currently underway in Russia, Belarus and Kazakhstan. The system monitors the speed of the vehicle and sends warnings to drivers who exceed the maximum speed. It is reported that after the system was launched, the increase in speed among Yandex drivers decreased by 12 times . Like Uber, Yandex uses telematics data to track drivers' behavior on the road and can stop drivers who exhibit erratic or aggressive behavior[source 538 days not shown].

To ensure the safety of passengers and drivers, Yandex.Taxi controls the time that drivers can spend on work. After several hours of continuous work, they stop taking orders until they are sufficiently rested[86]. The company is developing an attention control system to reduce the number of traffic accidents caused by the human factor. An artificial intelligence system takes into account factors such as blinking and yawning to determine whether a driver is tired or distracted [source 538 days not cited]. "Yandex.Taxi" is the only online car booking service with a similar system [538 days without source]. In addition, Yandex is developing a facial recognition system to prevent fraud by identifying who is driving

In addition, our own enterprises, which are not left behind in Yango, provide quality services to the population around the clock.

Royal Taxi started its operations in 2015 and has been operating until now. Due to the high level of service and comfort created for drivers, the name of the company became famous in the first years of its operation. We know that the main advantages for drivers

are: low cost of connecting to the service, many benefits, various bonuses, and most importantly, uninterrupted calls. And for passengers: round-the-clock operation of the service, the speed of the arrival time of the taxi, the cheapness of the service, the availability of various types of special cars. Today, modern taxi service organizations have several ways to receive orders from passengers, the simplest of which is to order by calling short numbers or by using modern applications developed for smartphones.

#### LIST OF USED LITERATURE:

- [1] L.Y.Bakirov M.A.Nurdinov “Avtomobillarda xalqaro yuk tashish qoidalari”. T. 2021 370 bet.
- [2] Nurdinov M., G’anijonov M., Abdupattoyev B. CARGO ON INTERNATIONAL HIGHWAYS REST AREAS FOR CARS //Theoretical aspects in the formation of pedagogical sciences. – 2022. – T. 1. – №. 6. – S. 302-308.
- [3] Muqimova D., Nurdinov M. COMPLIANCE WITH RESPONSIBILITY AND WORK REGIMES OF DRIVERS IN LEGAL REGULATORY DOCUMENTS DUE TO ACCIDENTS IN THE TRANSPORTATION OF INTERNATIONAL GOODS BY TRUCKS //Theoretical aspects in the formation of pedagogical sciences. – 2022. – T. 1. – №. 2. – S. 15-25.
- [4] Shukurov M. M. et al. Roads, road lines and thermoplastic products used in their drawing //ACADEMICIA: An International Multidisciplinary Research Journal. – 2021. – T. 11. – №. 4. – S. 258-263.
- [5] Shukurov M. et al. Highways, Functions And Importance //The American Journal of Engineering and Technology. – 2021. – T. 3. – №. 04. – S. 1-6.
- [6] Muqimova D. et al. LOCATION AND DEVELOPMENT OF THE MAIN NETWORKS OF WORLD TRANSPORT //Theoretical aspects in the formation of pedagogical sciences. – 2022. – T. 1. – №. 4. – S. 279-284.
- [7] Nurdinov M., Dumakhonov F. TRANSIT ROUTES IN THE REPUBLIC OF UZBEKISTAN WHICH IMPACT ON ORGANIZATION AND TRAFFIC SAFETY //Solution of social problems in management and economy. – 2022. – T. 1. – №. 4. – S. 109-115.
- [8] Erkinjonov A. et al. ORGANIZATION OF CARGO TRANSPORTATION //Theoretical aspects in the formation of pedagogical sciences. – 2022. – T. 1. – №. 4. – S. 34-37.
- [9] Norqul A., Murodali N. MARKAZIY OSIYODA TRANSPORT KORIDORLARINING RIVOJLANISH TARIXI //Novosti obrazovaniya: issledovanie v XXI veke. – 2022. – T. 1. – №. 5. – S. 68-76.
- [10] Aslanov N., Nurdinov M. SHAXARLARARO VA XALQARO YUK MASHINALARI UCHUN TO'XTASH JOYLARINI MASOFAVIY BOSHQARISH METODI //Yevraziyskiy jurnal matematicheskoy teorii i kompyuternyx nauk. – 2022. – T. 2. – №. 13. – S. 65-74.
- [11] Nurdinov M. i dr. BEZOPASNYE PARKOVOCHNYE MESTA DLYa MEJDUNARODNYX GRUZOVIKOV METOD UPRAVLENIYa NA TRANZITNYX DOROGAX //Models and methods in modern science. – 2022. – T. 1. – №. 15. – S. 148-157.