

- увеличение количества транспортных средств, обрабатываемых в течение суток;
- повышение интенсивности использования причалов и кранового оборудования;
- уменьшение количества ожидающих обслуживания транспортных средств на подходах к порту;
- снижение времени простоя судна на внутреннем рейде;
- сокращение продолжительности обработки судов.

Ежедневно главный диспетчер порта, на основании данных, полученных из информационно-справочной системы о грузопотоках, сообщает номенклатуру товаров, которые порт готов принять на следующие сутки. Используя данные из автоматизированной системы оперативного управления перевозками (АСОУП) о грузовых поездах, вагонах и контейнерах, ожидающих обслуживания на подходах к порту, заместитель начальника припортовой станции по оперативной работе совместно с заместителем начальника железной дороги, примыкающей к порту, и главным диспетчером порта составляют график движения подвижного состава таким образом, чтобы максимально использовать возможности порта. Данная задача характеризуется большим числом критериев, которые необходимо учитывать при принятии решений. Многие критерии трудно формализуемы, и для их учета требуется привлечение специалистов, которые обладают достаточным опытом работы и способны принять участие в экспертной комиссии.

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RUSSIAN AND FOREIGN EXPERIENCE OF USING COMBINED TICKETS

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Transport plays an important part in the development of every country. It is impossible to imagine modern state without transport infrastructure. The transportation of passengers and cargoes is one of the most important country's needs, which determines its economic development. It is needed to provide passenger with transportation directly from one point to another in order to make his trip as comfortable as possible. However, this is impossible without the cooperation of different kinds of transport. The right of passage between two points with using various kinds of transport can be provided by the combined ticket.

Usually these tickets are offered by almost each airline such as Luftgansa or Finnair and also by large railway companies like RZD and Deutsche Bahn. The existence of combined tickets is the result of successful cooperation of transport companies controlling different kinds of transport.

So why do these systems exist? Why do transport companies and countries pay attention to the development of such systems?

Advantages of these systems should be considered from three points of view.

1) From the passenger's point of view:

A passenger chooses one or the other way to move basing on three factors:

- price – combined tickets practically always give passenger possibility to save money on transportation, because such ticket, as usual, costs cheaper than two tickets to different kinds of transport.
 - time – obviously, using of such systems gives passenger gain in time. First of all, he doesn't need to stay in queues after arriving, secondly, the time of transfer from one transport to another will be reduced to minimum.
 - quality – the transportation of passenger between two points is provided by one ticket to a few kinds of transport, what significantly eases the transportation of passengers from one point to another, and, as a result, increases comfort and quality of transportation.
- 2) From the transporter's point of view a benefit is obvious too. Using of such systems lets transporter plan arrival of rolling stock to destinations of passengers transfer from one kind of transport to another, to provide steadier workload of different kinds of transport.
- 3) From the government's point of view the introduction and the development of these technologies will be useful. The development of multimodal transportation of passengers will increase the mobility of passengers and, as a result, the quality of population's life. The increase of tourists attraction should be noticed too.

In Germany

The Rail&Fly system has been used in Germany for many years.

Rail&Fly lets passenger get to the place of departure of international flight easily and for the profitable price by train. In cooperation with Deutsche Bahn passenger can travel to all airports of Germany, provided by Lufthansa, by train.

In Japan

JR Pass (Japan Rail Pass) is a voucher which can be changed in any ticket office after arriving in Japan to limitless ticket. It lets passenger travel by intercity buses and trains in any directions and it saves a lot of money, especially if you plan dense trips.

Vouchers JR Pass can be bought only by foreigners and only out of the territory of Japan. It is some kind of a program of tourist's attraction increase.

In Great Britain

The tickets of Plusbus type are used in Great Britain. To your ticket for a train you can add a day ticket for public transport at the point of departure or at the point of arrival (except London). In general this ticket costs additional 2-3 pounds. The map of the operation and ticket's price can be found in the site of the company, which serves railway transportation.

Such tickets can be acquired at the box offices of all railway transport companies included into the Association of Train Operation Companies, for example, the National Express or the National Rail.

In Switzerland

It is profitable to buy Swiss Pass when you travel actively in Switzerland. With this ticket you can travel unlimitedly in the territory of Switzerland by trains, by buses of Postauto, by steamships, and by public transport in 37 cities. Also it works in panoramic trains, but you need to pay for the place separately. Moreover it gives discount for cableways and mountain trains (for example, the train and the cableway to Pilatus or Rigi), free visit of museums. The ticket can be bought at railway stations, at airports and online.

In Sweden

The highly effective system of railway transport, which provides travelling with comfort by contemporary trains, works in the territory of Sweden. The railway network is appended by bus routes, providing regular service with small towns and cities. The ticket to these buses can be bought with railway ticket through the service of Sweden railways SJ (only when you buys railway ticket in Sweden).

In Russia

The most comfortable way to reach Crimea is to use unified ticket, which is the successful alternative to the train from Moscow to Simferopol. Unified transport directory distributes unified tickets to Crimea.

Unified ticket to Crimea is the combined coupon which involves ground as well as water transport. Namely you pay for travelling by train, ferry and bus.

Passenger buys a ticket for a long-distance train from any station to Krasnodar or Anapa, and then he will be taken to the port “Caucasus” by bus. It will be a ferriage after that and travelling by bus to the destination. When you use unified ticket you can get to lovely cities or resorts – Feodosiya, Sudak, Yalta, Simferopol, Sevastopol, Eupatoriya, Kerch.

Coupon is formed when you are buying a ticket for the long-distance trains (to Anapa or Krasnodar) in box offices or in the site of RZD. If the ticket was bought earlier, the formation of coupon is finished 24 hours before the time of the arrival at the destination.

The introduction of the tickets like Plusbus can be considered. Such system can be introduced in large cities, which have developed transport system, for example, in Moscow. When buying a train ticket or plane ticket a passenger can acquire unlimited passage in all kinds of public transport over a certain period. Obviously, the cost of unlimited passage in a city must be included to the price of train or plane tickets. As a result, the introduction of such idea allows visitors using the services of public transport without buying a ticket after arrival, and as a result it will reduce queues to box offices of a public transport.

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СЕКЦИЯ №9.

**АЭРО-КОСМИЧЕСКАЯ ТЕХНИКА И ТЕХНОЛОГИИ
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СЕКЦИЯ №10.

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