

Mr. Shi Jianping

Mr. Shi Jianping now serves as the Director of Passenger Traffic Department of Shanghai Railway Administration, which is under CRC (China Railways Corporation). And he is also the director of the Preparatory Committee of Shanghai-Nantong railway line.

Mr. Shi joined the railway industry in 1976, and served as the chief of Hangzhou passenger traffic section under Shanghai Railway Administration, the chief of Hangzhou passenger traffic division, and deputy director of the passenger traffic department of Shanghai Railway Administration, which brought him rich experience in traffic organization. Mr. Shi has made much contribution to improve the management, marketing and revenue of Shanghai Railway Administration.

Intermodality of Shanghai Hongqiao Station: concepts and practices

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Shanghai Hongqiao Station is a super large comprehensive traffic hub which integrates multiple traffic modes, including airlines (200,000 persons per day), railway (90,000 persons per day), metro, highway, bus, taxi, etc. Within this station, integrated transfer can be realized among national main railway lines, inter-city railway lines, regional railway lines, airlines, highways, municipal rail traffic system and municipal bus system, etc. commercial and office facilities are also provided. The existence of this hub station strengthens the formation of city chains along Shanghai-Nanjing and Shanghai-Hangzhou lines. The integration of regional traffic is also promoting the integration of regional economy, which further promotes the construction of Shanghai as an international shipping center.

1. Background

The site of this hub station, located on the west side of Shanghai Hongqiao Airport, was originally planned for future extension of the above airport, but, as due to the extensions of existing surrounding areas, the site could not be used for extension of the airport anymore. Considering its importance as an ideal traffic hub, the construction of a new comprehensive hub station integrating airport, highway, HSR, intercity railway, maglev, metro and bus systems, was proposed, which was believed would help to accelerate the integration of Yangtze River Delta region both in traffic and economy.

2. Current situation

Shanghai Hongqiao Station is the joint point of Beijing-Shanghai HSR line, Shanghai-Nanjing inter-city HSR line and Shanghai-Hangzhou inter-city HSR line. Its construction started in July, 2008, and completed in July, 2010. The station covers a total area of 442,000 m², including 240,000 m² of station buildings, 69,000 m² of no-platform-pile canopy, 65,000 m² of waiting hall, and two station yards. There are 30 platforms and 30 tracks in total, 19 of which are for Beijing-Shanghai and Shanghai-Hangzhou HSR lines, the other 11 are for Shanghai-Nanjing HSR line. The design capacity of the station is to deliver 200,000 passengers per day, and currently, 173 pairs of trains are operated, including 110 HSR trains and 63 pairs of EMUs.

On its east side, it is connected to Terminal 2 of Shanghai Hongqiao Airport, which handles domestic flights. And on its west side, it is connected Metro Line 2, Metro Line 10 and long-distance bus station, which operates more than 200 long-distance buses to southeastern provinces (states), taking care of the traffic to the cities and towns of the these provinces not covered by HSR trains or EMUs.

3. Connections the hub

(1) Connections among HSR lines

The station handles 347 EMU trains, and transfers among trains of national main railway lines, inter-city railway lines and regional railway lines are easy and smooth. Passengers from this station can reach in 1-2 hours most main cities within a circle with a radius of km, and the one-city effect has been basically formed.

(2) Air-rail intermodality

Based on the advantage of seamless connection between Shanghai Hongqiao station and Shanghai Hongqiao Airport, and the closeness of the station to adjacent cities in Yangtze River

Delta region, and since the year of 2012, the station has signed strategic cooperation agreements with three airlines, so as to combine the advantages of these two traffic modes and provide the passengers with more convenient services.

Take the cooperation with China Eastern Airline as an example. We jointly developed a product called air-rail package, by which passengers can book both air flight ticket and train ticket at the same time by calling hotline 95530 or at any sales outlet of China Eastern Airline across the world. Furthermore, this product also benefits both airlines and railways when dealing with emergency situation. For example, if any flights are delayed, the railway station will help to arrange free transfer service to passengers by HSR trains, vice versa.

(3) land-land intermodality

The cooperation between Shanghai Hongqiao Station and its neighbor the long-distance bus station started during the national holiday of 2012. Ticket windows for long-distance buses were arranged within the Shanghai Hongqiao Station and passengers arriving by trains can buy long-distance bus tickets for transfer to small cities of southeastern provinces immediately within Shanghai Hongqiao Station, which also extends the service coverage of railways.

(4) Seamless transfer to municipal metro network

Friendly guiding signs, color ground guiding marks and the advanced 3D guiding machine together provide the passenger with a comprehensive guiding system, which makes the transfer to municipal metro system clear and easy for passengers.

(5) Integrated emergency system

An integrated emergency system was established base on the existing Emergency Response Center (ERC) of the station. Once there are any large scale train delays happening, emergency plan will be activated to evacuate and transfer passengers by metro, bus or air flights, etc.