

ICS 03.220  
CCS R85



**NATIONAL STANDARD OF THE  
PEOPLE'S REPUBLIC OF CHINA**

**GB 48142-2026**

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**General technical requirements for transportation BDS  
augmentation services**

交通运输北斗增强服务通用技术要求

**(English Translation)**

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### Foreword

GB 48142-2026 is a mandatory national standard (GB) of the People's Republic of China, issued on 27 August 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 March 2027.

It is under the responsibility of the Ministry of Transport.

Classification: ICS 03.220; CCS R85.

### 1 Scope

Transportation BeiDou augmentation services are the subject of this mandatory national standard, which lays down general technical requirements for them. It describes the service framework and classification, basic requirements, service performance, the content of service specifications and security protection. Its application is the design, development and use of BeiDou augmentation services for highway and waterway transportation. Providers of satellite positioning services, developers of navigation and fleet-management platforms, transport authorities, vessel and vehicle operators and system integrators can use it as a common technical reference when specifying or evaluating such services. The document was issued on 27 August 2026 under the responsibility of the Ministry of Transport and takes effect on 1 March 2027. As a GB standard it is mandatory in China, which makes it relevant to anyone offering augmented positioning to road and waterway users in the Chinese market.