

ICS 33.040.40
CCS L78

YD

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

YD/T 6907-2026

**Control-plane technical requirement for in-situ flow information
telemetry in telecom carrier network**

电信运营商网络带内流信息的自动化质量测量控制面技术要求

(English Translation)

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Foreword

YD/T 6907-2026 is a recommended industry standard of the People's Republic of China in the Telecom sector, approved and issued by the Ministry of Industry and Information Technology on 1 June 2026, with effect from 1 September 2026.

It is administered by the China Communications Standards Association.

Classification: ICS 33.040.40; CCS L78.

1 Scope

The document sets out the control plane technical requirements for in-situ flow information telemetry (IFIT), an automated quality measurement technique that works on in-band flow information in telecom carrier networks. It covers the IFIT control plane requirements based on border gateway protocol (BGP) extension, on BGP segment routing policy extension, and on path computation element communication protocol extension.

It applies to network equipment in telecom carrier networks that supports IFIT. Equipment manufacturers, carriers that specify and deploy such equipment and laboratories testing it can use it. The /T in the code marks it as a voluntary standard. The Ministry of Industry and Information Technology approved it; it was issued on 1 June 2026 and takes effect on 1 September 2026. It is a new standard.