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**Data interface technical requirements and test methods for user
plane location service platform and satellite navigation
positioning base station network**

用户面定位业务平台与卫星导航定位基准站网数据接口技术要求及测试方法

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Table of Contents

Preface	III
1 Scope	1
2 Normative references	1
3 Terms and Definitions	1
4 Abbreviations	1
5 User plane positioning network architecture	2
5.1 Overall Network Architecture	2
5.2 User Plane Positioning Service Platform SLP	2
5.3 Satellite Navigation and Positioning Base Station Network	2
6 Base station data transmission requirements	3
7 Data interface technical requirements	3
7.1 Data Category	3
7.2 Base station coordinate data requirements	3
7.3 Real-time differential data requirements	3
7.4 Precision Satellite Orbit Data Requirements	3
7.5 Requirements for Precision Satellite Clock Error Data	3
7.6 Ionospheric model data requirements	4
8 Test Environment	4
8.1 Device Connection	4
8.2 Test Prerequisites	4
9 Data interface test	4
9.1 Data interface connection test between SLP and base station network	4
9.2 Base station coordinate data test	6
9.3 Real-time differential data testing	6
9.4 Precision Satellite Orbit Data Test	6
9.5 Precision Satellite Clock Error Data Test	7
9.6 Ionospheric model data testing	7

Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents"

Drafting is required.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

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User plane positioning service platform and satellite navigation positioning Technical requirements for base station network data interface and Test Method

1 Scope

This document specifies the user plane positioning service platform and the satellite navigation positioning base station network in the GNSS augmentation system based on the mobile communication network.

The data types and data requirements transmitted by the data interface, and the corresponding test methods are described.

This document is applicable to the user plane positioning service platform and the satellite navigation positioning base station network in the GNSS augmentation system based on the mobile communication network.

(hereinafter referred to as the "reference station network") data interface design, development and testing.

2 Normative references

GB/T 35767-2017

GB/T 39607

3 Terms and definitions

The terms and definitions defined in GB/T 35767-2017 apply to this document.

4 Abbreviations

The following abbreviations apply to this document.

BDCS. BeiDou Coordinate System BDS. BeiDou Navigation Satellite System
CGCS2000. China Geodetic Coordinate System 2000 GNSS. Global Navigation Satellite
System GPS. Global Positioning System IONEX. Ionosphere Map Exchange Format
RTCM. Radio Technical Commission for Maritime Services SFTP. Secure File Transfer
Protocol SLC. SUPL Center SLP. SUPL Platform SPC. SUPL Positioning Center SUPL.
Secure User Plane Location TCP/IP. Transmission Control Protocol/Internet Protocol