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**Universal Mobile Telecommunications System (UMTS);
LTE;
Telecommunication management;
Radio Planning Tool Access (RPTA)
Integration Reference Point (IRP);
Requirements
(3GPP TS 28.667 version 14.0.0 Release 14)**



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Foreword

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Introduction

The present document is part of a TS-family covering the 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Telecommunication management; as identified below:

28.667 Radio Planning Tool Access (RPTA) Integration Reference Point (IRP); Requirements

28.668 Radio Planning Tool Access (RPTA) Integration Reference Point (IRP); Information Service (IS)

28.669 Radio Planning Tool Access (RPTA) Integration Reference Point (IRP); Solution Set (SS) definitions

1 Scope

The present document specifies the requirements of the Radio Planning Tool Access (RPTA) Integration Reference Point (IRP). This IRP allows to read site and antenna data from RPTs.

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
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- [1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
- [2] 3GPP TS 32.101: "Telecommunication management; Principles and high level requirements".
- [3] 3GPP TS 32.501: "Telecommunication management; Self-configuration of network elements; Concepts and requirements".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the terms and definitions given in TR 21.905 [1] and the following apply. A term defined in the present document takes precedence over the definition of the same term, if any, in TR 21.905 [1].

Radio Planning Tool: The tool which is used for radio network planning, where the planning process typically includes radio frequencies assigning, sites and site locations determination, traffic planning, interference analysis, and configuration parameters planning to provide sufficient coverage and capacity for a radio network.

Planned Data: It is the data exposed by the RPT for read access by the NM.

3.2 Abbreviations

For the purposes of the present document, the abbreviations given in TR 21.905 [1] and the following apply. An abbreviation defined in the present document takes precedence over the definition of the same abbreviation, if any, in TR 21.905 [1].

NMLS	Network Management Layer Service
RPT	Radio Planning Tool
RPTA	Radio Planning Tool Access (RPTA)
SC	Service Consumer
SP	Service Provider