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Technical Specification

**3rd Generation Partnership Project (3GPP);
Technical Specification Group (TSG) RAN;**

Node B O&M Functional Description

3GPP



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Intellectual Property Rights

Foreword

This Technical Report has been produced by the 3rd Generation Partnership Project, Technical Specification Group RAN.

The contents of this TR may be subject to continuing work within the 3GPP and may change following formal TSG approval. Should the TSG modify the contents of this TR, it will be re-released with an identifying change of release date and an increase in version number as follows:

Version m.t.e

where:

- m indicates [major version number]
- x the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
- y the third digit is incremented when editorial only changes have been incorporated into the specification.

Introduction

[Editor's note: Text to be agreed.]

1 Scope

[Editor's note: As discussed at RAN-WG3#2 the purpose of this document is to support the Phase 1 and Phase 2 activities as defined in TSGW3#2(99)153. The contents of this document should not constitute a deliverable for TSG-RAN-WG3, these aspects should be directed to the relevant TS's. Text to be agreed.]

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.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.
- A non-specific reference to an ETS shall also be taken to refer to later versions published as an EN with the same number.

3 Definitions, symbols and abbreviations

3.1 Definitions

For the purposes of the present document, the following terms and definitions apply:

3.2 Symbols

For the purposes of the present document, the following symbols apply:

3.3 Abbreviations

For the purposes of the present document, the following abbreviations apply:

4 Node B O&M Management Architecture

[Editor's note: This section should present the chosen architecture for Node B O&M management (e.g. as proposed in document TSGW3#2(99)153), including a rationale for the chosen architecture. Definitions of any terms introduced or categories of O&M identified should be given i.e. Logical O&M, Implementation Specific O&M, and clear indication should be given where concepts or interfaces are out of scope for TSG-RAN-WG3.]

5 O&M Functional Overview

[Editor's note: This section should include a diagram and/or text description of the O&M functional descriptions for Node B. This should provide a comprehensive list of the O&M functions required at the Node B Radio Site.]

6 Functional Descriptions

[Editor's note: This section should incorporate detailed descriptions of the functions identified in section 5. The information provided should include the entities involved in the execution of the functions, and impact of the functions on the traffic handling ability of Node B. This information will be used to ensure a full understanding of each O&M function is achieved, such that the correct assignment to either Logical O&M or Implementation Specific O&M can be made.]

7 Logical O&M Functions

[Editor's note: This section should identify the O&M functions identified in section 5 which are categorised as Logical O&M. The reasons for assigning each function to this category should be provided.]

8 Implementation Specific O&M Functions

[Editor's note: This section should identify the O&M functions in section 5 which are categorised as Implementation Specific O&M. The reasons for assigning each function to this category should be provided.]

9 Signalling Procedures

[Editor's note: This section should define (where possible) the signalling procedures for the functions identified in section 5. It is not envisaged it will be possible to define signalling procedures for all Node B O&M functions, since some will be implementation specific. These procedures may be required for certain functions to assist in the categorisation as either Logical O&M or Implementation Specific O&M.]

History

Document history		
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