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Open Radio equipment Interface (ORI);
ORI Interface Specification;
Part 2: Control and Management
(Release 4)

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Foreword

This Group Specification (GS) has been produced by ETSI Industry Specification Group (ISG) Open Radio equipment Interface (ORI).

The present document is part 2 of a multi-part deliverable covering the ORI Interface Specification, as identified below:

Part 1: "Low Layers (Release 4)";

Part 2: "Control and Management (Release 4)".

Modal verbs terminology

In the present document "**shall**", "**shall not**", "**should**", "**should not**", "**may**", "**may not**", "**need**", "**need not**", "**will**", "**will not**", "**can**" and "**cannot**" are to be interpreted as described in clause 3.2 of the ETSI Drafting Rules (Verbal forms for the expression of provisions).

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1 Scope

The present document aims to define Control and Management plane functions and protocols, addressing, message format and coding of the Open Radio equipment Interface (ORI) for Release 4.

2 References

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the reference document (including any amendments) applies.

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2.1 Normative references

The following referenced documents are necessary for the application of the present document.

[1] "Common Public Radio Interface (CPRI); Interface Specification" V 6.0.

NOTE: Available at http://www.cpri.info/spec.html.

[2] ETSI GS ORI 001: "Open Radio equipment Interface (ORI); Requirements for Open Radio equipment Interface (ORI) (Release 4)".

[3] ETSI GS ORI 002-1: "Open Radio equipment Interface (ORI); ORI Interface Specification; Part 1: Low Layers (Release 4)".

[4] IEEE Std 802-2001: "IEEE Standard for Local and Metropolitan Area Networks: Overview and Architecture".

[5] W3C Recommendation 28 October 2004: "XML Schema" (part 0 to 2).

NOTE: Part 0: Primer Second Edition http://www.w3.org/TR/2004/REC-xmlschema-0-20041028/
Part 1: Structures Second Edition http://www.w3.org/TR/2004/REC-xmlschema-1-20041028/
Part 2: Datatypes Second Edition http://www.w3.org/TR/2004/REC-xmlschema-2-20041028/

[6] The Unicode Consortium: "The Unicode Standard V6.0.0"; edited by Julie D. Allen ... [et al.]. Version 6.0, February 2011, ISBN 978-1-936213-01-6.

NOTE: http://www.unicode.org/versions/Unicode6.0.0/.

[7] W3C Recommendation 26 November 2008: "The Extensible Markup Language (XML) 1.0" Fifth Edition.

NOTE: http://www.w3.org/TR/2008/REC-xml-20081126/.

[8] IETF RFC 2045 (1996): "Multipurpose Internet Mail Extensions (MIME) Part One: Format of Internet Message Bodies".

NOTE: http://www.ietf.org/rfc/rfc2045.txt.

[9] ETSI TS 125 461 (V10.2.0): "Universal Mobile Telecommunications System (UMTS); UTRAN Iuant interface: Layer 1 (3GPP TS 25.461 version 10.2.0 Release 10)".

[10] ETSI TS 125 462 (V10.1.0): "Universal Mobile Telecommunications System (UMTS); UTRAN Iuant interface: Signalling transport (3GPP TS 25.462 version 10.1.0 Release 10)".