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Part 3: Air Interface Protocol;
Part 5: SDL model**

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Foreword

This document is the Publicly Available Specification (PAS) of the TETRAPOL land mobile radio system, which shall provide digital narrow band voice, messaging, and data services. Its main objective is to provide specifications dedicated to the more demanding PMR segment: the public safety. These specifications are also applicable to most PMR networks.

This PAS is a multipart document which consists of:

- Part 1 General Network Design
- Part 2 Radio Air interface
- Part 3 Air Interface Protocol**
- Part 4 Gateway to X.400 MTA
- Part 5 Dispatch Centre interface
- Part 6 Line Connected Terminal interface
- Part 7 Codec
- Part 8 Radio conformance tests
- Part 9 Air interface protocol conformance tests
- Part 10 Inter System Interface
- Part 11 Gateway to PABX, ISDN, PDN
- Part 12 Network Management Centre interface
- Part 13 User Data Terminal to System Terminal interface
- Part 14 System Simulator
- Part 15 Gateway to External Data Terminal
- Part 16 Security
- Part 17 Guide to TETRAPOL features
- Part 18 Base station to Radioswitch interface
- Part 19 Stand Alone Dispatch Position interface

Scope

This subpart belongs to the TETRAPOL Specifications; Air Interface protocol (part 3).It illustrates the Air interface applicative protocol using ASN.1 and SDL languages.

Normative references

This PAS incorporates by dated and undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this PAS only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

- [1] PAS 0001-1-1: "TETRAPOL Specifications; General Network Design; Reference Model".
- [2] PAS 0001-1-2: "TETRAPOL Specifications; General Network Design; Voice and Data Services in Network and Direct Mode".
- [3] PAS 0001-2: "TETRAPOL Specifications; Radio Air Interface".
- [4] PAS 0001-3-1: "TETRAPOL Specifications; Air Interface Protocol; Air Interface Application Protocol".
- [5] PAS 0001-3-2: "TETRAPOL Specifications; Air Interface Protocol; Air Interface Application Messages".
- [6] PAS 0001-3-3: "TETRAPOL Specifications; Air Interface Protocol; Air Interface Transport Protocol".
- [7] ITU-T Recommendation Z.100; Specification and Description Language SDL.

Abbreviations

For the purposes of this PAS, the following abbreviations apply:

A/I	Air Interface
SDL	Specification and Description Language

Introduction to the Air interface SDL description

This clause will contain an SDL model which provides an example of the Air interface applicative protocol procedures, the behaviour of the functional entities and their actions as described in this specification. The procedure illustrated are not intended to be exhaustive and several potential situations that may occur may be omitted from the SDL.

Annex A: SDL model

The SDL model is provided in files on a separated medium.

History

Document history		
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19 September 1998	Version delivered for TETRAPOL TWG approval	Version 0.0.1

