PHS MoU Document
B-IF4.00-01-TS

Title: **Public Personal Handy-phone System : General Description of Specifications of the Network-Network Interface for SCP Exchange**

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PHS MoU Group

c/o Association of Radio Industries and Businesses (ARIB)
14F, Nittochi Bldg., 4-1, Kasumigaseki 1-choume, Chiyoda-ku, Tokyo 100, Japan
TEL +81-3-5510-8599 FAX +81-3-3592-1103

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Public Personal Handy-Phone System:
General Description of Specifications of the Network - Network Interface for SCP Exchange

Contents

Public Personal Handy-Phone System:
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1. General

This chapter describes the general information and principles about B-IF4.xx series Interface specifications of public Personal Handy-Phone System. The current B-IF4.xx series interface specifications are constructed with follows.

B-IF4.00: Public Personal Handy-Phone System:
General Description of the Specifications of the Network-Network interface for SCP Exchange

This document include the general information and the common principles of B-IF4.xx series.

B-IF4.11: Specification of the Network - Network interface for SCP Exchange
Signalling System No.7-Functional Description of The Signalling Connection Control Part
This document is based on ITU-T Recommendation Q.711.

B-IF4.12: Specification of the Network - Network interface for SCP Exchange
Signalling System No.7-Definition and Function of SCCP Messages
This document is based on ITU-T Recommendation Q.712.

B-IF4.13: Specification of the Network - Network interface for SCP Exchange
Signalling System No.7-SCCP Format and Codes
This document is based on ITU-T Recommendation Q.713.

B-IF4.14: Specification of the Network - Network interface for SCP Exchange
Signalling System No.7-Signalling Connection Control Part Procedures
This document is based on ITU-T Recommendation Q.714.

B-IF4.21: Specification of the Network - Network interface for SCP Exchange
Signalling System No.7 .-Functional Description of Transaction Capabilities
This document is based on ITU-T Recommendation Q.771.

B-IF4.22: Specification of the Network - Network interface for SCP Exchange
Signalling System No.7-Transaction Capabilities Information Element Definitions
This document is based on ITU-T Recommendation Q.772.

B-IF4.23: Specification of the Network - Network interface for SCP Exchange
Signalling System No.7-Transaction Capabilities Formats and Encoding
This document is based on ITU-T Recommendation Q.773.

B-IF4.24: Specification of the Network - Network interface for SCP Exchange
Signalling System No.7-Transaction Capabilities Procedures
This document is based on ITU-T Recommendation Q.774.

B-IF4.25: Specification of the Network - Network interface for SCP Exchange
Signalling System No.7-Guidelines for Using Transaction Capabilities
This document is based on ITU-T Recommendation Q.775.

B-IF4.28: Specification of the Network - Network interface for SCP Exchange
Intelligent Network Inter-network Interface
This document is based on Study Results of ITU-T SG11on IN-CS2
and TTC Standards JT-Q1218.

B-IF4.50: Specification of the Network - Network interface for SCP Exchange:
Public PHS Roaming Protocol
This document is based on TTC Standards JT-Q1218-a.

2. Principles

All of B-IF4.xx public PHS interface specifications documents have following principles;

i) Interface specification allows to connect Multi-vendor's SCP Exchanges.
ii) Interface specification allows to connect Multi-operator's public PHS Networks.
iii) Interface specification allows to use same SCP Exchanges in any public PHS Networks.
iv) B-IF4.xx public PHS Network Interface specifications allow to support all public PHS services.

3. Network Model and Reference points

Network Model and Reference Points of IF4 which uses INAP interfaces refers to the PHS-MoU B-NW1.00-02-TS.

4. Protocol Architecture Model on IF4

The concepts, terminology, overview and description, of IF4 layer 1 to 7 are conformed to ITU-T Recommendations. The other issues also meet to ITU-T Recommendations and they are specified in B-IF4 Series documents. The specifications of MTP layer refers to the PHS-MoU IF3.11 to IF3.17.
Figure 4-1 / B-IF4.00 shows the protocol architecture model on IF4.

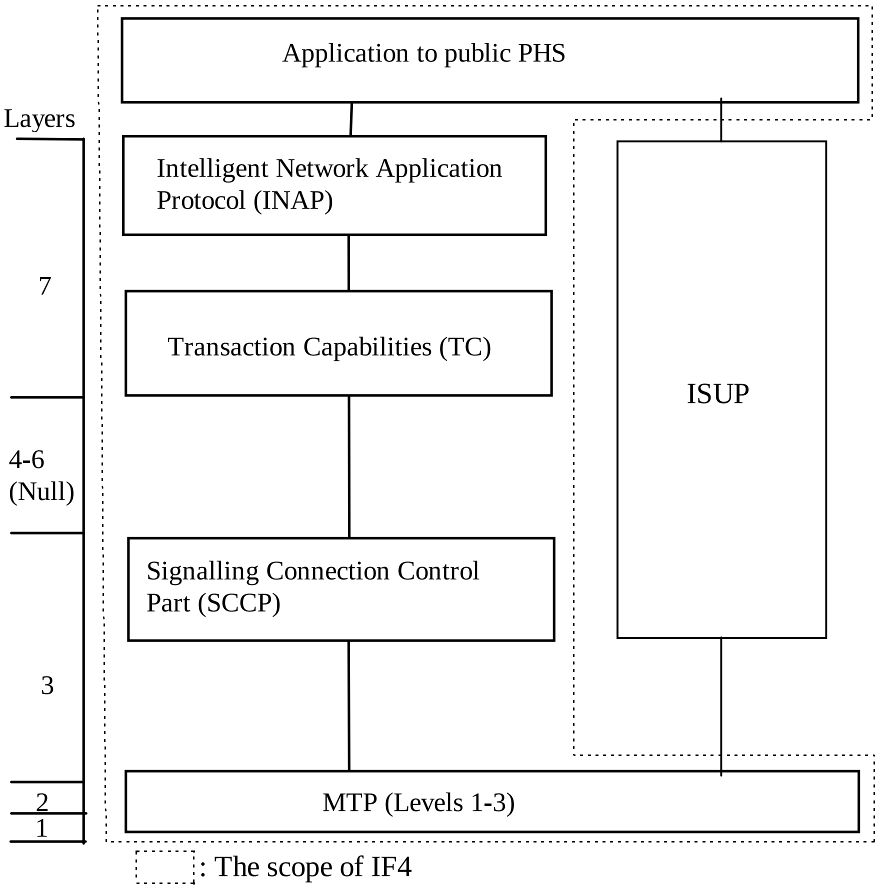

Figure 4-1 / B-IF4.00 Protocol Stack of IF4

5. Others

None.