PHS MoU Document
B-IF3.00-01-TS

Title: **Public Personal Handy-phone System : General Description of Network - Network Interface Specifications for Call Control**
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List of contents:

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History of Revised Versions

Version	Date	Outline
01	April 21, 1997	

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Public Personal Handy-Phone System : General Description of Network - Network Interface Specifications for Call Control

1. General

This clause describes the general information and principles about IF3.xx series Interface specifications of Public Personal Handy-Phone System.

The current IF3.xx series interface specifications are constructed with follows.

B-IF3.00 : PHS General Description of Network - Network Interface Specifications for Call Control
This document include the general information and the common principles of B-IF3.xx series.

B-IF3.01 : PHS Vocabulary of Digital Transmission and MUX and PCM Terms
This document is based on ITU-T Recommendation G.701.

B-IF3.02 : PHS SDH Bit Rates
This document is based on ITU-T Recommendation G.707.

B-IF3.03 : PHS Synchronous Digital Hierarchy
This document is based on ITU-T Recommendation G.708.

B-IF3.04 : PHS Synchronous Multiplexing Structure
This document is based on ITU-T Recommendation G.709.

B-IF3.10 : PHS Signalling System No.7
This document is based on ITU-T Recommendation Q.700.

B-IF3.11 : PHS No.7 Functional Description of the MTP
This document is based on ITU-T Recommendation Q.701.

B-IF3.12 : PHS No.7 Signalling Data Link
This document is based on ITU-T Recommendation Q.702.

B-IF3.13 : PHS No.7 Signalling Link
This document is based on ITU-T Recommendation Q.703.

B-IF3.14 : PHS No.7 Signalling Network Functions and Messages
This document is based on ITU-T Recommendation Q.704.

B-IF3.15 : PHS No.7 Signalling Network Structure
This document is based on ITU-T Recommendation Q.705.

B-IF3.16 : PHS No.7 MTP Signalling Performance
This document is based on ITU-T Recommendation Q.706.

B-IF3.17 : PHS No.7 Testing and Maintenance
This document is based on ITU-T Recommendation Q.707.

B-IF3.18 : PHS No.7 Numbering of International Signalling Point Codes
This document is based on ITU-T Recommendation Q.708.

B-IF3.31 : PHS Functional Description of ISUP
This document is based on ITU-T Recommendation Q.761

B-IF3.32 : PHS General Function of Messages and Signals of the ISUP
This document is based on ITU-T Recommendation Q.762

B-IF3.33 : PHS Formats and Codes of the ISUP
This document is based on ITU-T Recommendation Q.763

B-IF3.34 : PHS ISUP Procedures
This document is based on ITU-T Recommendation Q.764

B-IF3.36 : PHS Performance Objectives in the ISDN Application
This document is based on ITU-T Recommendation Q.766

B-IF3.37 : PHS Application of ISUP of No.7 for International ISDN Interconnections
This document is based on ITU-T Recommendation Q.767

In the country where the Public Personal Handy-Phone System is introduced, if there are regional specifications relevant to above listed documents, these specifications may be applied.

2. Principles

All of B-IF3.xx PHS interface specification documents have following principles.

i) Interface specification allows to connect Multi-vender's SWs.
ii) Interface specification allows to connect Multi-operator's public PHS Networks.
iii) Interface specification allows to use same type of SW in any public PHS Networks.
iv) B-IF3.xx PHS Interface specifications allow to support all public PHS services.

3. Network Model and Reference Points

Network Model and Reference Points of IF3 which use CCS No.7 ISUP refer to the PHS-MoU B-NW1.00-02.

4. Protocol architecture model on IF3

The concepts, terminology, overview and description of IF3 are conformed to ITU-T Recommendations basically. The other issues also meet to ITU-T Recommendations. They are specified in B-IF3.xx Series documents.
Figure 4-1/B-IF3.00 shows the Protocol Architedture Model on IF3.

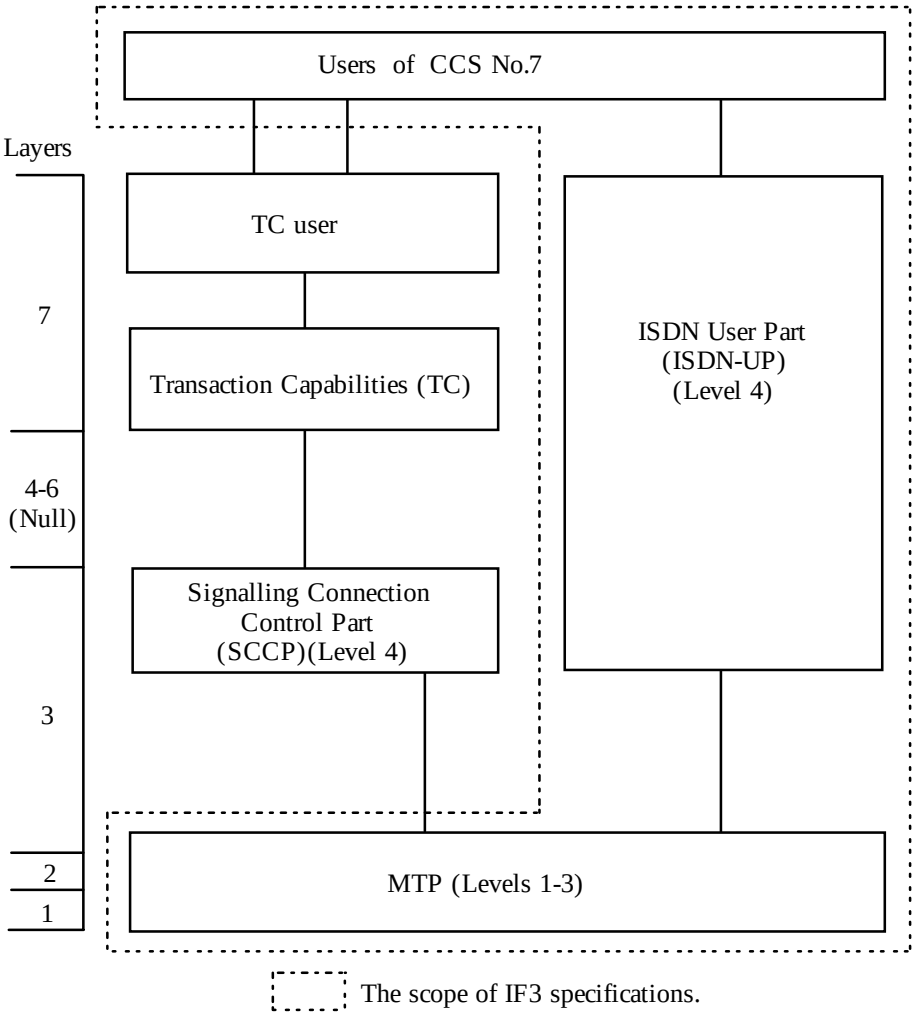

Figure 4-1/B-IF3.00 Protocol Stack of IF3