

**Title: Public Personal Handy-phone System : Network-Network Interface for Call Control
Signalling System No.7 - Application of the ISDN User Part for International ISDN Interconnections**

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History of Revised Versions

Version	Date	Outline
01		Established
02	May 15,1998	

**Public Personal Handy-Phone System:
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<Summary>

1. Relation with International Standards

This specification conforms to ITU-T Recommendation Q.767 in principle and specifies new protocol elements and procedures to provide PHS roaming basic service.

2. Differences from ITU-T Recommendation Q.767

The differences between this specification and ITU-T Q.767 are summarized in the Table 1/B-IF3.37.

In case of “Roaming number assignment method No.1”, it is recommended to use ‘generic number (additional called number) parameter’ in IAM defined in ITU-T Recommendations Q.762 and Q.763 (White Book version) for transferring ‘PHS number’ which identifies the public PS. However, some networks may transfer ‘PHS number’ using the other parameter which is defined as national or regional specifications.

In case of “Roaming number assignment method No.2”, “Generic Number parameter” or other specific parameter in order to transfer “PHS number” is not required.

3. References

ITU-T Recommendation Q.767

PHS MoU Specifications B-IF3.00, B-IF3.31, B-IF3.32, B-IF3.33, B-IF3.34, B-IF3.36

4. Items for Further Study

Following items are recognized to be under study:

- a) roaming basic service using “Redirection method” and
- b) Interaction with other supplementary services which use ‘generic number (additional called number) parameter.’

Table 1/B-IF3.37 Differences between the specification and ITU-T Q.767

Item	Difference	Reasons
1) Generic number parameter	For ITU-T Q.767 based on Blue Book text, this parameter is added in this specification.	In PHS roaming service call procedure, a generic number parameter is sent in direction from Home network to Visited network indicating the terminating PHS number.
2) ISUP procedures for a call originated by / terminated to a public PS	This clause is added in this specification.	To provide ISUP procedures for a call originated by / terminated to a public PS.

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1. General

This specification conforms to ITU-T Recommendation Q.767 in principle. See ITU-T Recommendation Q.767 with additional specification described below.

2. Required additional ISUP parameter

This clause specifies an additional ISUP parameter to provide PHS basic roaming service for ITU-T Recommendation Q.767 based on Blue Book text.

2.1 Generic number parameter

2.1.1 Definition

A number information sent in either direction to enhance network operation or for supplementary service.

2.1.2 Formats and codes

See PHS MoU Specification B-IF3.33.

3. ISUP procedures for a call originated by/terminated to a public PS

See PHS MoU Specification B-IF3.34 Annex a.