



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

Q.82.4

**GENERAL RECOMMENDATIONS ON TELEPHONE
SWITCHING AND SIGNALLING**

**FUNCTIONS AND INFORMATION FLOWS FOR
SERVICES IN THE ISDN**

**STAGE 2 DESCRIPTION FOR CALL
OFFERING SUPPLEMENTARY
SERVICES – LINE HUNTING**

ITU-T Recommendation Q.82.4

(Extract from the *Blue Book*)

NOTES

1 ITU-T Recommendation Q.82 was published in Fascicle VI.1 of the *Blue Book*. This file, which is an extract from the *Blue Book*, contains *only* the part of the Recommendation still in force. While the presentation and layout of the text might be slightly different from the *Blue Book* version, the contents of the file are identical to the *Blue Book* version and copyright conditions remain unchanged (see below).

2 In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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Recommendation Q.82.4

STAGE 2 DESCRIPTION FOR CALL OFFERING SUPPLEMENTARY
SERVICES - LINE HUNTING

4 Line hunting

4.1 Introduction

4.1.1 Definition

Line hunting is a supplementary service which enables incoming calls to a specific ISDN number to be distributed over a group of interfaces.

Note - Expansion of the line hunting service to cover the case of hunting on available ISDN numbers or addresses, rather than on interfaces is a possible extension of the service.

4.1.2 Description

This description covers the form of line hunting which applies to interfaces within one node. It is an anticipated further extension to enable the group of interfaces available for selection to be distributed over more than one node.

The selection of an interface within a node is performed on the basis of the hunting algorithm used. (Where hunting is extended over more than one node the network routing techniques used to extend the selection to the next node may be similar to that used for the call forwarding supplementary service, though applied by the Administration. The precise description of multi-node line hunting is for further study.)

An access belonging to a line hunting group may also be addressed using an individual ISDN number. Facilities associated with the individual number are not affected by line hunting.

4.2 Definition of the functional model

The additional functionality required for line hunting, over that of the basic service, is confined to a single node, as seen in Figure 4-1/Q.82.

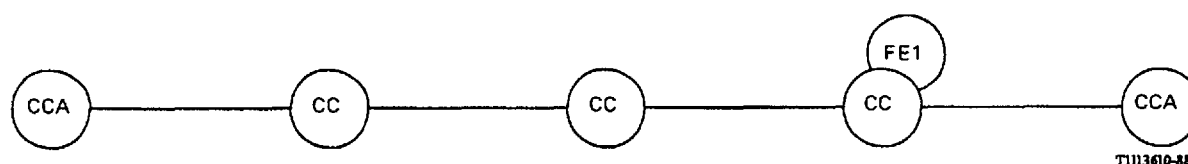


FIGURE 4-1/Q.82

Relationship of line hunting to basic service