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ITU-T

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STANDARDIZATION SECTOR
OF ITU

M.760

MAINTENANCE: COMMON CHANNEL SIGNALLING SYSTEMS

TRANSFER LINK FOR COMMON CHANNEL SIGNALLING SYSTEM No. 6

ITU-T Recommendation M.760

(Extract from the *Blue Book*)

NOTES

1 ITU-T Recommendation M.760 was published in Fascicle IV.1 of the *Blue Book*. This file is an extract from the *Blue Book*. 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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1 General description of the transfer link

1.1 The transfer link for the common channel Signalling System No. 6 and its relationship with the signalling link and signalling data link are depicted in Figure 1/M.760.

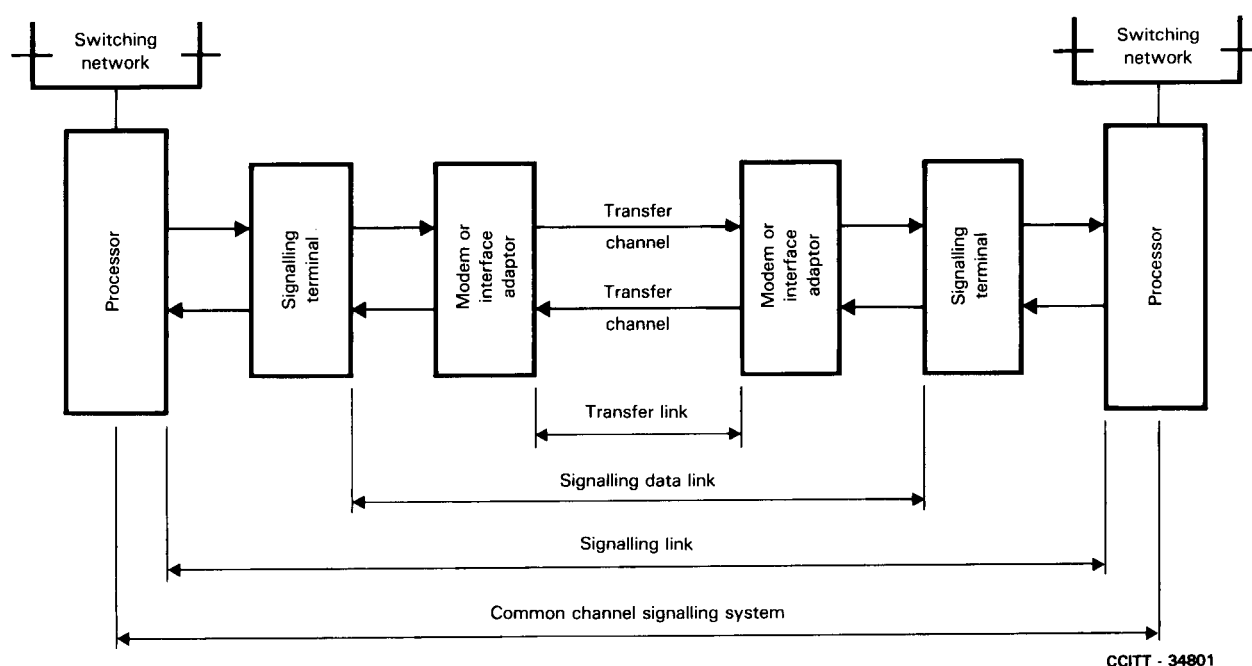


FIGURE 1/M.760

Basic diagram of the common channel Signalling System No. 6

1.2 The signalling link may be operated over either an analogue or a digital transfer link. Analogue transfer links are used to interconnect data modems located within, or adjacent to, international switching centres, thus forming signalling data links. Analogue transfer links are 4-wire transmission channel pairs having no audio terminating units, signalling equipment or echo suppressors. These channels can be derived from purely analogue, a combination analogue and digital, or purely digital transmission systems. Guidance on the setting-up and lining-up of analogue transfer links is given in Recommendation M.761.

Digital transfer links are used to interconnect interface adaptors to form signalling data links.

For guidance on the testing and maintenance of Signalling System No. 6, reference should be made to Recommendation Q.295 [1].

2 Continuity of service

2.1 Since the signalling link carries the signals for many speech circuits, a failure of the link will affect all speech circuits served. Therefore, arrangements should be made to ensure continuity of service of the signalling link.