

Standard ECMA-296

B-ISDN and B-PISN - Digital Subscriber Signalling System No. two (DSS2), Broadband Inter-Exchange Signalling (B-QSIG), and Signalling System No. 7 (SS7) - Prenegotiation - Part 1: Protocol Specification

(December 1999)

This Standard specifies the signalling protocol for the purpose of prenegotiation at the Q_B , S_B , T_B and co-incident S_B/T_B reference points within, between and at the access to Broadband Private Integrated Services Networks and within, between and at the access to public European Broadband Integrated Services Digital Networks. The protocol operates between two adjacent call control entities. The protocol is applicable in a separated call and bearer (connection) control environment for the support of calls having none, one or multiple bearers. The protocol is applicable to a two-party call or a multi-party call. However, prenegotiation is performed between two parties. In case of multi-party connections (point-to-multipoint connections), prenegotiation may be performed between the root and the first party.

The Q_B reference point is defined in ISO/IEC 11579-1. The S_B and T_B reference points are defined in ITU-T Rec. I.327.

This Standard is based on the transport capabilities as defined in ETS 300 796-1 and [ECMA-254](#), and is closely related to the call control protocol specification as defined in [ECMA-294](#).

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The purpose of prenegotiation as specified in this Standard is to allow a user to check compatibility and availability at the remote user with regard to one or more connections the user intends to establish during the lifetime of the call, without reserving connection-oriented resources in the network. Reservation of connection-oriented resources at the remote user is outside the scope of this Standard.

The following files are provided in this set of CD-ROMs:

File name	Size (Bytes)	Content
ECMA-296.PDF	116'144	Acrobat PDF file
ECMA-296.PSC	573'784	Corresponding PostScript file

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