Standard ECMA-212

PISN - Inter-Exchange Signalling Protocol - Advice of Charge Supplementary Services (QSIG-AOC)

2nd edition (June 1997)

This Standard specifies the signalling protocol for the support of the Advice Of Charge supplementary services (SS-AOC) at the Q reference point between Private Integrated Services Network Exchanges (PINX) connected together within a Private Integrated Services Network (PISN).

SS-AOC is a set of supplementary services which enable a user to receive information about the charging of its calls that leave the PISN and enter another network.

The three AOC supplementary services are:

1. Charging information at call set-up time (AOC-S) SS-AOC-S enables the user to receive information about the charging rates at call set-up time and also to receive further information during the call if there is a change of charging rates.

2. Charging information during the call (AOC-D) SS-AOC-D enables a user to receive information on the recorded charges for a call during the active phase of the call.

3. Charging information at the end of the call (AOC-E) SS-AOC-E enables a user to receive information on the recorded charges for a call when the call is terminated.

The Q reference point is defined in ISO/IEC 11579-1.

Service specifications are produced in three stages and according to the method specified in ETS 300 387. This Standard contains the stage 3 specification for the Q reference point and satisfies the requirements identified by the stage 1 and stage 2 specifications in **ECMA-211**.

The signalling protocol for SS-AOC operates on top of the signalling protocol for basic circuit switched call control, as specified in **ECMA-143**, and uses certain aspects of the generic procedures for the control of supplementary services specified in **ECMA-165**.

This Standard also specifies additional signalling protocol requirements for the support of interactions at the Q reference point between SS-AOC and other supplementary services and ANFs.

NOTE
Additional interactions that have no impact on the signalling protocol at the Q reference point can be found in the relevant stage 1 specifications. This Standard is applicable to PINXs which can interconnect to form a PISN.

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

File name	Size (Bytes)	Content
ECMA-212.PDF	206'571	Acrobat PDF file
ECMA-212.PSC	1'099'938	Corresponding PostScript file

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