



# CAPI INFORMATION VALUES

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# REFERENCE

# 1 CAPI Information Values

## 1.1 Overview

CAPI 1.1 and CAPI 2.0 info values with their appropriate error-codes associated with the *capiInfoNumber* field are as follows. Both CAPI 1.1 and 2.0 info values are arranged by error class.

## 1.2 CAPI 1.1 Info Values

### Error Class 10

Formal error messages and errors during management of Message-Queues.

0x1001	Application registration error
0x1002	Wrong application id
0x1003	Message error
0x1004	Wrong capi command
0x1005	Message queue full
0x1006	Message queue empty
0x1007	Messages lost
0x1008	Error during deinstallation

### Error Class 20

Addressing errors.

0x2001	Wrong controller
0x2002	Wrong PLCI

0x2003	Wrong NCCI
0x2004	Wrong type

### Error Class 31

Incorrect parameters.

0x3101	B-channel incorrectly coded
0x3102	Info mask incorrectly coded
0x3103	Service SI mask incorrectly coded
0x3104	Service EAZ mask incorrectly coded},
0x3105	B2 protocol incorrect
0x3106	Dlpd incorrect
0x3107	B3 protocol incorrect
0x3108	NCPD incorrect
0x3109	NCPI incorrect
0x310a	Flags incorrectly coded

### Error Class 32

Unsupported parameters.

0x3201	Controller error
0x3202	Conflict between registrations
0x3203	Function is not supported
0x3204	PLCI not active
0x3205	NCCI not active
0x3206	B2 protocol not supported
0x3207	Change of B2 protocol not possible in this state
0x3208	B3 protocol not supported

0x3209	Change of B3 protocol not possible in this state
0x320a	Parameters used not supported in DLPD
0x320b	Parameters used not supported in NCPD
0x320c	Parameters used not supported in NCPI
0x320d	Data length not supported
0x320e	DTMF number unknown

### Error Class 33

Network errors.

0x3301	Error on setup of D-channel layer 1
0x3302	Error on setup of D-channel layer 2
0x3303	Error on setup of B-channel layer 1
0x3304	Error on setup of B-channel layer 2
0x3305	Abort D-channel layer 1
0x3306	Abort D-channel layer 2
0x3307	Abort D-channel layer 3
0x3308	Abort B-channel layer 1
0x3309	Abort B-channel layer 2
0x330a	Abort B-channel layer 3
0x330b	Re-establish B-channel layer 2
0x330c	Re-establish B-channel layer 3

### Error Class 34

Network messages (whereby xx refers to the related 1TR6 Error-Cause).

0x3400	Normal call clearing
0x3480	Normal call clearing



0x3481	Invalid call reference value
0x3483	Bearer service not implemented
0x3487	Call identity does not exist
0x3488	Call identity in use
0x348a	No channel available
0x3490	Requested facility not implemented},
0x3491	requested facility not subscribed
0x34a0	Outgoing calls barred
0x34a1	User Busy
0x34a2	negative GBG Comparison
0x34a5	as SPV not aloud
0x34b0	Reverse charging not allowed at origination
0x34b1	Reverse charging not allowed at destination
0x34b2	Reverse charging rejected
0x34b5	Destination not obtainable
0x34b8	Number changed
0x34b9	Out of order
0x34ba	User not responding
0x34bb	User access busy
0x34bd	Incoming calls barred
0x34be	Call rejected
0x34d9	Network congestion
0x34da	Remote user initiated
0x34f0	Local procedure error
0x34f1	Remote procedure error
0x34f2	Remote user suspended
0x34f3	Remote user resumed

0x34ff User info discarded locally

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## Error Class 40

FAX-G3 Errors.

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0x4001	Remote station is not a fax G3 machine
0x4002	Local fax module busy
0x4003	Disconnected during transfer (remote abort)
0x4004	Disconnected before transfer (training error)
0x4005	Disconnected during transfer (local tx data underrun)
0x4006	Fax module temporary disabled
0x4007	Local disconnect (local abort)
0x4008	Disconnect during transfer (remote procedure error)
0x4009	Remote disconnect (remote abort)
0x400a	Line Disconnect during transfer
0x400b	Disconnect before transfer
0x400c	Local Disconnect (SFF coding error)

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## 1.3 CAPI 2.0 Info Values

### Error Class 00

Informative values (corresponding message was processed).

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0x0001	NCPI not supported by current protocol, NCPI ignored
0x0002	Flags not supported by current protocol, flags ignored
0x0003	Alert already sent by another application

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## Error Class 10

Error information concerning CAPI\_REGISTER.

0x1001	Too many applications
0x1002	Logical block size too small, must be at least 128 bytes
0x1003	Buffer exceeds 64 kByte
0x1004	Message buffer size too small, must be at least 1024 byte
0x1005	Max. number of logical connections not supported
0x1006	Reserved
0x1007	The message could not be accepted because of an internal busy condition
0x1008	OS Resource error (e.g. no memory)
0x1009	COMMON-ISDN-API not installed
0x100a	Controller does not support external equipment
0x100b	Controller does only support external equipment

## Error Class 11

Error information concerning message exchange functions.

0x1101	Illegal application number
0x1102	Illegal command or subcommand or message length less than 12 octets
0x1103	The message could not be accepted because of a queue full condition
0x1104	Queue is empty
0x1105	Queue overflow, a message was lost
0x1106	Unknown notification parameter
0x1107	The message could not be accepted because of an internal busy condition

0x1108	OS resource error (e.g. no memory)
0x1109	COMMON-ISDN-API not installed
0x110a	Controller does not support external equipment
0x110b	Controller does only support external equipment

### Error Class 20

Error information concerning resource/coding problems.

0x2001	Message not supported in current state
0x2002	Illegal Controller/PLCI/NCCI
0x2003	Out of PLCI
0x2004	Out of NCCI
0x2005	Out of LISTEN
0x2006	Out of FAX resources (protocol T.30)
0x2007	Illegal Message parameter coding

### Error Class 30

Error information concerning requested services.

0x3001	B1 protocol not supported
0x3002	B2 protocol not supported
0x3003	B3 protocol not supported
0x3004	B1 protocol parameter not supported
0x3005	B2 protocol parameter not supported
0x3006	B3 protocol parameter not supported
0x3007	B protocol combination not supported
0x3008	NCPI not supported
0x3009	CIP Value unknown

0x300a	Flags not supported (reserved bits)
0x300b	Facility not supported
0x300c	Data length not supported by correct protocol
0x300d	Reset procedure not supported by current protocol

### Error Class 33

Protocol error reasons.

0x3301	Protocol error layer 1 (broken line or B-channel removed by signalling protocol)
0x3302	Protocol error layer 2
0x3303	Protocol error layer 3
0x3304	Another application got that call
0x3311	Connecting not successful (remote station is no FAX G3 machine)
0x3312	Connecting not successful (training error)
0x3313	Disconnected before transfer (remote station does not support transfer mode, e.g. resolution)
0x3314	Disconnected during transfer (remote abort)
0x3315	Disconnected during transfer (remote procedure error, e.g. unsuccessful repetition of T.30 commands)
0x3316	Disconnected during transfer (local tx data underrun)
0x3317	Disconnected during transfer (local rx data overflow)
0x3318	Disconnected during transfer (local abort)
0x3319	Illegal parameter coding (e.g. SFF coding error)

## Error Class 34

Disconnect cause from the network according to ETS 300102-1/Q.931. In the field 'xx' the cause value received within a cause information element (octet 4) from the network is indicated.

0x3481	Unallocated (unassigned) number
0x3482	No route to specified transit network
0x3483	No route to destination
0x3486	Channel unacceptable
0x3487	Call awarded and being delivered in an established channel
0x3490	Normal call clearing
0x3491	User busy
0x3492	No user responding
0x3493	No answer from user (user alerted)
0x3495	Call rejected
0x3496	Number changed
0x349a	Non-selected user clearing
0x349b	Destination out of order
0x349c	Invalid number format
0x349d	Facility rejected
0x349e	Response to STATUS ENQUIRY
0x349f	Normal, unspecified
0x34a2	No circuit / channel available
0x34a6	Network out of order
0x34a9	Temporary failure
0x34aa	Switching equipment congestion
0x34ab	Access information discarded

0x34ac	Requested circuit / channel not available
0x34af	Resources unavailable, unspecified
0x34b1	Quality of service unavailable
0x34b2	Requested facility not subscribed
0x34b9	Bearer capability not authorized
0x34ba	Bearer capability not presently available
0x34bf	Service or option not available, unspecified
0x34c1	Bearer capability not implemented
0x34c2	Channel type not implemented
0x34c5	Requested facility not implemented
0x34c6	Only restricted digital information bearer capability is available
0x34cf	Service or option not implemented, unspecified
0x34d1	Invalid call reference value
0x34d2	Identified channel does not exist
0x34d3	A suspended call exists, but this call identity does not
0x34d4	Call identity in use
0x34d5	No call suspended
0x34d6	Call having the requested call identity has been cleared
0x34d8	Incompatible destination
0x34db	Invalid transit network selection
0x34df	Invalid message, unspecified
0x34e0	Mandatory information element is missing
0x34e1	Message type non-existent or not implemented
0x34e2	Message not compatible with call state or message type non-existent or not implemented

0x34e3	Information element non-existent or not implemented
0x34e4	Invalid information element contents
0x34e5	Message not compatible with call state
0x34e6	Recovery on timer expiry
0x34ef	Protocol error, unspecified
0x34ff	Interworking, unspecified