SLOVENSKI STANDARD

DSIST ETS 300 494-3:1999/A1:1999

01-januar-1999

8][]HƯbY˙]nVc`ýƯbYˇVfYnjˇfj]ˇbYˇhYˇY_caˇiˇb]_UW]ˇY˙fB97Ł˙!˙Dfcạ`˙[YbYf]ˇbY[U XcghcdƯf¦˙5DŁ˙!˙"XYˇ˙CXˇdfcạˇƯcXj]gbƯdfYg_iˇýƯbƯgdYW]ạ_UW]ˇƯfDGHGŁ˙! ạ_gbƯfƯX]ˇg_ƯnU`ˇí˙]hYjˇflˇHŁ

Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP); Profile Test Specification (PTS); Part 3: Profile Specific Test Specification (PSTS) - Fixed radio Termination (FT)

Ta slovenski standard je istoveten z: **ETS 300 494-3/A1 E1.%-,!$&**

ICS:

33.070.30	Öã̃æ̃}^Á̃à[|ʐæ}^ à¦^:ç¦çã}^Æ̂^|^\[{˘}ã̃æ8̃à̂^ ÇÖÒÕ̂VD	Digital Enhanced Cordless Telecommunications (DECT)

DSIST ETS 300 494-3:1999/A1:1999   **en**

ETS 300 494-3

A**MENDMENT**

A1

February 1998

Source: DECT

Reference: RE/DECT-040093-3

ICS: 33.020

Key words: DECT, GAP, testing

**This amendment A1 modifies
the European Telecommunication Standard ETS 300 494-3 (1996)**

Digital Enhanced Cordless Telecommunications (DECT);
Generic Access Profile (GAP);
Profile Test Specification (PTS);
Part 3: Profile Specific Test Specification (PSTS) -
Fixed radio Termination (FT)

ETSI

Page 2
ETS 300 494-3: August 1996/A1: February 1998

Foreword

This amendment to ETS 300 494-3 (1996) has been produced by the Digital Enhanced Cordless Telecommunications (DECT) Project of the European Telecommunications Standards Institute (ETSI).

Transposition dates	
Date of adoption of this amendment:	6 February 1998
Date of latest announcement of this amendment (doa):	31 May 1998
Date of latest publication or endorsement of this amendment (dop/e):	30 November 1998
Date of withdrawal of any conflicting National Standard (dow):	30 November 1998

Amendments

Clause 2

Modify clause 2 as follows:

[8] ~~ETS 300 444 (1995): "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Generic Access Profile (GAP)".~~

[8] EN 300 444: "Digital European Cordless Telecommunications (DECT); Generic Access Profile (GAP)".

Subclause 4.1

Modify subclause 4.1 as follows:

This subclause includes lists of the test groups and abstract test cases relevant for GAP PTS - NWK layer Fixed Termination (FT) derived from ETS 300 497-9 [26].

~~The page number referenced is the relative page number in the corresponding ETS where the particular item can be found.~~

NOTE: ~~As ETS 300 497-1 [18] is draft, and some changes are likely due to the results of the Public Enquiry (PE) phase, page numbers reflecting the exact place in that ETS where a test case is to be found are not included in this ETS. They shall be added in a later stage.~~ References when necessary shall be made based on the particular test case name unique through all test specification ETS 300 497-1 [18].

Subclause 4.1.1

Add the test group reference for "FT/CC/RS" in table 1, as follows:

FT/CC/BV/CR/	To check the IUT's behaviours to release an outgoing/incoming call
FT/CC/RS	To check the IUT's behaviour during call related supplementary service procedures.
FT/CC/BO/	To check the behaviour of the CC entity of the IUT in response to the messages that are syntactically correct but not allowed to occur in some states of the CC procedures

Delete test group reference for "FT/ME/BO" in table 1, as follows:

FT/ME/BV/	To tests the LLME of the IUT in response to syntactically and contextual correct behaviour of the test system
~~FT/ME/BO/~~	~~To check the IUT behaviour in response to the messages that are syntactically correct but not allowed to occur in some phase of the LLME managed procedures~~
FT/LC/	To check the behaviour of the LCE of the IUT

Subclause 4.1.2

Replace table 2 with the following table 2:

Table 2

Test Case Index		
Test Group Reference	**Test Case Id**	**Description**
FT/CC/BV/OC/	TC_FT_CC_BV_OC_01	Outgoing normal call; F-00 to F-10; piece-wise dialling
	~~TC_FT_CC_BV_OC_06~~	~~Internal call. (There is no test case defined in ETS 300 497-9 [26] due to difficulties of predicting the IUT behaviour)~~
FT/CC/BV/IC/	TC_FT_CC_BV_IC_01	Incoming call; F-00, F-06, F-07 to F-10
FT/CC/BV/CI/	TC_FT_CC_BV_CI_01	Incoming call; <<Signal>> either in ~~{SS-SETUP}~~{CC-SETUP} or in {CC-INFO}
	TC_FT_CC_BV_CI_02	Outgoing normal call; F-02; {CC-INFO], <<Multi keypad>>, "Go to pulse" handling
	TC_FT_CC_BV_CI_03	Outgoing normal call; F-10; {CC_INFO},<<Multi keypad>>, 'Go to pulse' handling.
	TC_FT_CC_BV_CI_04	Outgoing normal call; F-02; {CC-INFO], <<Multi keypad>>, "dialling pause" handling
	TC_FT_CC_BV_CI_05	Outgoing normal call; F-10; {CC-INFO], <<Multi keypad>>, "Dialling pause" handling
	TC_FT_CC_BV_CI_06	Outgoing normal call; F-02; {CC-INFO], <<Multi keypad>>, "Go to DTMF defined tone length" handling
	TC_FT_CC_BV_CI_07	Outgoing normal call; F-10; {CC-INFO], <<Multi keypad>>, "Go to DTMF defined tone length" handling
	TC_FT_CC_BV_CI_08	Outgoing normal call; F-02; {CC-INFO], <<Multi keypad>>, "Go to DTMF infinite tone length" handling
	TC_FT_CC_BV_CI_09	Outgoing normal call; F-10; {CC-INFO], <<Multi keypad>>, "Go to DTMF infinite tone length" handling
	TC_FT_CC_BV_CI_10	Outgoing normal call; F-10; {CC-INFO], <<Multi keypad>>, "0-9, star, hash mark" handling
	~~TC_FT_CC_BV_CI_11~~	~~Internal call. (There is no test case defined in ETS 300 497-9 [26] due to difficulties of predicting the IUT behaviour)~~
	~~TC_FT_CC_BV_CI_12~~	~~FT handling <<Terminal capability>>. (There is no test case defined in ETS 300 497-9 [26] due to difficulties of predicting the IUT behaviour)~~
FT/CC/BV/CR/	TC_FT_CC_BV_CR_01	Outgoing normal call; F-02; IUT initiated normal release
	TC_FT_CC_BV_CR_02	F-10; IUT initiated normal release
	TC_FT_CC_BV_CR_03	Incoming call; F-07; IUT initiated normal release
	TC_FT_CC_BV_CR_04	Outgoing call; F-02; PT initiated normal release
	TC_FT_CC_BV_CR_05	F-10; PT initiated normal release
	TC_FT_CC_BV_CR_06	Incoming call; F-07; PT initiated normal release
	TC_FT_CC_BV_CR_07	Incoming call; F-07; PT initiated abnormal release
	TC_FT_CC_BV_CR_08	F-10; PT initiated abnormal release
	TC_FT_CC_BV_CR_09	Incoming call; F-06; PT initiated abnormal release
	TC_FT_CC_BV_CR_10	F-10; PT initiated partial release
	~~TC_FT_CC_BV_CR_11~~	~~F-10; FT initiated partial release~~
~~FT/CC/RS/~~	~~TC_FT_CC_RS_01~~	~~Register recall. (There is no test case defined in ETS 300 497-9 [26] due to difficulties of predicting the IUT behaviour)~~
FT/CC/RS	TC_FT_CC_RS_07	Incoming call; T-00; {CC-SETUP}, <<Calling party number>> provision (CLIP support)

(continued)

Table 2 (continued)

Test Case Index		
Test Group Reference	**Test Case Id**	**Description**
FT/CC/BO/	TC_FT_CC_BO_01	~~F-10; unexpected {CC-ALERTING}~~ F-02; unexpected {CC-SETUP}
	TC_FT_CC_BO_02	F-19; receipt of {CC-RELEASE}; release collisions handling
FT/CC/BI/	TC_FT_CC_BI_01	F-00; {CC-SETUP} mandatory I.E. missing; answer upon with {CC-RELEASE-COM]
	TC_FT_CC_BI_02	F-00; {CC-SETUP} wrong mandatory I.E.; answer upon with {CC-RELEASE-COM]
	TC_FT_CC_BI_03	F-00; {CC-SETUP}-like message, non {CC-SETUP} unrecognised message type; ignore
	~~TC_FT_CC_BI_04~~	~~F-00; to short message to contain the complete <<Message type>>; ignore~~
FT/CC/TI/	TC_FT_CC_TI_01	Outgoing call; F-02; timer F-<CC.01> expiry ~~(± 5 % margin)~~ (-10%margin); IUT sends {CC-RELEASE}
	TC_FT_CC_TI_02	Outgoing call; F-02; restart of timer F-<CC.01> on receipt of {CC-INFO}
	TC_FT_CC_TI_03	Outgoing call; F-19; timer F-<CC.02> expiry (-10%margin~~(± 5 % margin)~~); IUT sends {CC-RELEASE-COM}
	TC_FT_CC_TI_04	Outgoing call; F-06; timer F-<CC.03> expiry (-10%margin~~(± 5 % margin)~~); IUT sends {CC-RELEASE-COM}
FT/MM/BV/ID/	TC_FT_MM_BV_ID_01	Identity request procedure; IUT initiated
FT/MM/BV/AU/	TC_FT_MM_BV_AU_01	Authentication of PT; PT has no stored ZAP value and service class info
	TC_FT_MM_BV_AU_02	Authentication of PT; ZAP increment; PT has stored ZAP value and service class info; PT authenticates FT before answering
	TC_FT_MM_BV_AU_03	Authentication of user; PT has no stored ZAP value and service class info
	TC_FT_MM_BV_AU_04	Authentication of FT
	TC_FT_MM_BV_AU_05	Authentication of FT; Unsupported key requested; IUT rejects
	TC_FT_MM_BV_AU_06	Authentication of PT; store DCK ; PT has no stored ZAP value and service class info
FT/MM/BV/LO/	TC_FT_MM_BV_LO_01	Location registration; a38=1 at locking and at the beginning of the procedure; request with IPUI
	TC_FT_MM_BV_LO_02	Location registration; a38=1 at locking and at the beginning of the procedure; request with unknown IPUI; reject
	TC_FT_MM_BV_LO_03	Location registration; a38=1 at locking and at the beginning of the procedure; request with IPUI; IUT assigns TPUI
	TC_FT_MM_BV_LO_05	Location update; a38=1 at locking; Location reg started upon 1st {MM-INFO-SUGGEST};
	TC_FT_MM_BV_LO_06	Location registration; a38=1 at locking; a38=0 at the beginning of the procedure; request with IPUI
	TC_FT_MM_BV_LO_07	Location update; a38=1 at locking; Location reg started upon 2nd {MM-INFO-SUGGEST};
FT/MM/BV/AR/	TC_FT_MM_BV_AR_01	Obtain access rights; both sides use AC indication; IUT sends the whole PARK
	TC_FT_MM_BV_AR_02	Obtain access rights; service class assign
	TC_FT_MM_BV_AR_03	Terminate access rights; IUT(FT) initiated; PT authenticates FT

(continued)

Table 2 (continued)

Test Group Reference	Test Case Id	Description
		Test Case Index
	TC_FT_MM_BV_AR_06	Obtain access rights; both sides use UAK indication; IUT sends the whole PARK
	TC_FT_MM_BV_AR_07	Obtain access rights; ZAP value assign
FT/MM/BV/KA/	TC_FT_MM_BV_KA_01	Key allocate; IUT initiated
	TC_FT_MM_BV_KA_02	Key allocate; IUT initiated; "implicit PT authentication" failure; IUT rejects
	~~TC_FT_MM_BV_KA_03~~	~~Key allocate; IUT initiated; PT rejects; IUT keeps AC~~
FT/MM/BV/CH/	TC_FT_MM_BV_CH_01	Cipher switching; PT initiated; "cipher-off" to "cipher-on"
	TC_FT_MM_BV_CH_02	Cipher switching; PT initiated; "cipher-on" to "cipher-off"
	TC_FT_MM_BV_CH_03	Cipher switching; IUT(FT) initiated; "cipher-off" to "cipher-on"
	TC_FT_MM_BV_CH_04	Cipher switching; IUT(FT) initiated; "cipher-on" to "cipher-off"
	TC_FT_MM_BV_CH_05	Cipher switching; PT initiated with "unsupported cipher key"; IUT rejects
	TC_FT_MM_BV_CH_08	Cipher switching; IUT(FT) initiated; "cipher-off" to "cipher-on" fails
	TC_FT_MM_BV_CH_09	Cipher switching; PT initiated; "cipher-off" to "cipher-on" fails
	TC_FT_MM_BV_CH_10	Cipher switching; PT initiated; "cipher-off" to "cipher-on" and intercell handover
	TC_FT_MM_BV_CH_11	Cipher switching; PT initiated; "cipher-off" to "cipher-on" and intracell handover
	TC_FT_MM_BV_CH_12	Cipher switching; IUT(FT) initiated; "cipher-off" to "cipher-on" and intercell handover
	TC_FT_MM_BV_CH_13	Cipher switching; PT initiated; "cipher-on" to "cipher-off" fails
	TC_FT_MM_BV_CH_14	Cipher switching; IUT(FT) initiated; "cipher-off" to "cipher-on" and intracell handover
	TC_FT_MM_BV_CH_15	Cipher switching; IUT(FT) initiated; "cipher-on" to "cipher-off" fails
FT/MM/BO/	TC_FT_MM_BO_01	Cipher switching; IUT(FT) initiated; ignoring unexpected {IDENTITY-REPLY}
~~FT/MM/BI/~~	~~TC_FT_MM_BI_01~~	~~Identity request; PT sends unrecognised message; IUT ignores~~
FT/MM/BI	TC_FT_MM_BI_02	Obtain access rights; {ACCESS-RIGHTS-REQUEST} missing <<Auth type>>; IUT sends {ACCESS-RIGHTS-REJECT}
	TC_FT_MM_BI_03	Obtain access rights; {ACCESS-RIGHTS-REQUEST} with <<Auth type>> exceeding the max. allowed length; IUT sends {ACCESS-RIGHTS-REJECT}
FT/MM/TI/	TC_FT_MM_TI_01	Identity request; timer F-<MM_ident.2> expiry ~~(± 5 % margin)~~ (- 10% margin)
	TC_FT_MM_TI_02	Authentication of PT; timer F-<MM_auth.1> expiry ~~(± 5 % margin)~~ (- 10% margin)
	TC_FT_MM_TI_03	Authentication of user; timer F-<MM_auth.2> expiry ~~(± 5 % margin)~~ (- 10% margin)
	TC_FT_MM_TI_04	Terminate access rights; IUT(FT) initiated; timer F-<MM_access.2> expiry ~~(± 5 % margin)~~ (- 10% margin)
	TC_FT_MM_TI_05	Key allocation; timer F-<MM_key.1> expiry ~~(± 5 % margin)~~ (- 10% margin)

(continued)

Table 2 (concluded)

Test Case Index		
Test Group Reference	**Test Case Id**	**Description**
	TC_FT_MM_TI_06	Cipher switching; IUT(FT) initiated; timer F-<MM_cipher.1> expiry (margin: -20%)(± 5 % margin)
	TC_FT_MM_TI_07	Location registration with TPUI assignment; timer F-<MM_ident.1> expiry (+± 5 % margin)
FT/ME/BV/	TC_FT_ME_BV_01	Incoming call and authentication of FT handled in parallel
	TC_FT_ME_BV_02	Authentication of user interrupted by Authentication of FT
	TC_FT_ME_BV_03	CC call and location registration in parallel
FT/ME/BO/	TC_FT_ME_BO_01	Authentication of PT; Ignore of {LOCATE-REQUEST} (lower priority)
FT/LC/BV/LE/	TC_FT_LC_BV_LE_01	Indirect IUT(FT) link establishment procedure; correct PT answer
	TC_FT_LC_BV_LE_02	Indirect IUT(FT) link establishment procedure; {LCE-PAGE-RESPONSE} with mismatching IPUI; IUT rejects and release the link
	TC_FT_LC_BV_LE_03	Direct PT initiated link establishment procedure
FT/LC/BV/LR/	TC_FT_LC_BV_LR_01	Link exists; PT initiated "normal" link release
	TC_FT_LC_BV_LR_02	Link exists; MM entity ceases to use the link; no other entity uses the link; IUT maintains the link <LCE.02> time
	TC_FT_LC_BV_LR_03	Link exists; CC call is terminated; FT initiated link release
	TC_FT_LC_BV_LR_04	Link exists; CC entity ceases to use the link partial release agreed; no other entity uses the link; IUT maintains the link <LCE.02> time
FT/LC/BI/	TC_FT_LC_BI_01	Protocol discriminator value error -unsupported service; IUT ignores
	TC_FT_LC_BI_04	{AUTH-REQUEST} with illegal transaction id.; ignore
	TC_FT_LC_BI_05	Identity request procedure; {IDENTITY-REPLY} with transaction id. flag='0'; ignore
	TC_FT_LC_BI_07	F-10; link fails; IUT clears the call
FT/LC/TI/	TC_FT_LC_TI_01	Link exists; normal link release is requested; timer <LCE.01> expiry. (There is no test case defined in ETS 300 497-9 [26] due to difficulties of predicting the IUT behaviour)
FT/LC/TI/	TC_FT_LC_TI_02	MM ceases to use the link; no other entity uses the link; timer <LCE.02> expiry (allowed period: (TSPX_lce_02-1000) ms to 10500 ms)(± 5 % margin)
	TC_FT_LC_TI_03	Indirect IUT(FT) initiated link establishment; no answer; timer <LCE.03> expiry (± 5 % margin)

Detailed Comments:
1.   The FT is the IUT.

Subclause 4.2

Modify subclause 4.2 as follows:

This subclause includes list of the test groups and the abstract test cases relevant for GAP PTS - DLC layer FT derived from ETS 300 497-5 [22].

The page number referenced is the relative page number in the corresponding ETS where the particular item can be found.