

S I M A D Y N D

User's Guide

Service

Communications Error Handling

version: 910115.310

date: 30.11.92

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1 Overview

This description is intended to help the User or Project Engineer to analyze and remove any communications errors which may occur. Errors can be easily identified and located using implemented error messages. This document shows the user how to decode and interpret such error messages.

The section headed 'General Detection of Errors' deals with basic error representation and the general procedure for error detection.

The following section headed 'Type of Error' makes a rough classification of error messages according to the error code (hex and decimal code).

For less experienced Users, the section headed 'Specific Detection of Errors' gives a detailed description of how to locate and handle errors.

The actual errors and their remedies are given in ascending order (by hex and decimal code) in the section headed 'Error Codes'. If the remedy proposed under "C:" has no success or it is requested to inform the SWE, the user should contact

Stromrichterwerk Erlangen (SWE)
Herrn Opel
Tel.: 09131 / 98-1867

The extended document contains a paragraph "Additional Codes". It holds error codes, which are transferred between modules. The modules need them for generation of the final error codes. These additional codes are inserted, for some errors, in the system error field and facilitate SW specialists the error correction. The extended document contains some error codes, which are not entered in the present document. These error codes are created for higher security. They characterize states, which can only occur with critical hardware or software errors. These errors can only be resolved by the development department in SWE. The user should therefore contact the above mentioned address if such errors are displayed.

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2 General Detection of Errors

The seven segment display on the processor shows the operating states.

2.1 Non Operating Processors

"Non Operating" processors display an error tag instead of the processor number.

Display of:

'0'	= Initialization error
'H', 'h'	= Non maskable interrupt (NMI)
'U'	= Incorrect program code read (UOC)

Operating with this rack is not possible. (Error can only be accessed with the Hex-Monitor (connection PG) !) The communication error panel should always be read when these errors occur, because errors detected there could point to possible error causes.

2.2 Operating Processors

"Operating" processors, displaying neither their processor number nor '0', 'U', 'H' or 'h', are operating cyclically. The restrictions, in this case, depend on the displayed error tag. (see user's guide 'Error Handling PM General').

These communication errors are displayed in two ways:

- 1) flashing or steady 'C'
- 2) at the connector YTS

2.2.1 Flashing or Steady 'C'

The flashing 'C' indicates: It is the first error. The steady 'C' indicates: Another error has occurred and was detected before the communications error; the communications error is displayed because of its higher priority, it can also be a sequence error !

The entry in the communications error panel is erased with the help of the push-button below the 7 segment display of the processor, displaying the 'C'. Subsequently, the information is only available at YTS. Therefore the communications error panel should be read before pressing any push-button.

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2.2.2 Connector YTS

The current error code is output on the connector YTS of the function block in which the error occurred. If an error should occur again in the same function block, it overwrites the previous error. The value displayed at the connector YTS is the error coding (specification in Decimal code).

Using the connectors YTS the user can easily check the configured program run (block by block), if a malfunction should occur.

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3 System Variables

Various system variables are symbolically inserted into the basic software (GSW) of SIMADYN D. This permits the location of the important system points (error panels, status indicators, etc.) even without reference to the text file "BSTACK.TXT".

The following system variables are significant for evaluating the communication errors:

BSTACK_SYS_ERR	"System Error Panel Route"
BSTACK_PN_STATUS	"Status Indicator of the Processing"

The following steps are necessary to locate these variables during operation, with the help of the symbolic monitor:

Read the Start Address of the Basic Software (GSW):

Input: DV10XFFFF:6 <return>

Indicator: DV1 FFFF:0006 = abcd

└─┘
└─────────┘ Start Address GSW

Read the Address of the BSTACK_PN_STATUS:

Input: DV10Xabcd:1EE <return>

Indicator: DV1 abcd:01EE = efgh

└─┘
└─────────┘ Address BSTACK_PN_STATUS

Read the Address of the BSTACK_SYS_ERR:

Input: DV10Xabcd:20E <return>

Indicator: DV1 abcd:020E = ijkl

└─┘
└─────────┘ Address BSTACK_SYS_ERR

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4 Error Classes

Communications errors are arranged in classes:

Error code		
Hex	Dec	
01xx	256..	KI
02xx	512..	KA
10xx	4096..	Hardware Driver (HW)
11xx	4352..	DUST 1
12xx	4608..	DUST 2
13xx	4864..	DUST 3
14xx	5120..	DUST 4
15xx	5376..	DUST 5
31xx	12544..	Parallel Rack Connection (PRK)
32xx	12800..	Parallel Setpoint Cascade (PSK)
33xx	13056..	Transport System MMC 216 (MMC)
34xx	13312..	Transport System Device Reaction
35xx	13568..	Transport System SINEC H1
36xx	13824..	Parallel connections (general)
37xx	14080..	Transport system and function blocks for COROS (COR)
51xx	20736..	Message Sequence System (MSQ)
71xx	28928..	Direct/Indirect Transmit/Receive-FB (FB CTD..., CRD..., @CTT..., @CRT..., CZA., MSC1, TRCC)
72xx	29184..	Telegram-FB (FB @C...)
73xx	29440..	Monitoring and Visualization (FB UK..., OP...)
75xx	29952..	Message System-FB (FB M...)
77xx	30464..	Monitor-FB (FB @MO...)
78xx	30720..	FB for Multi Micro Computer System MMC 216 (FB @MMC...)
79xx	30976..	TRACE Blocks (TRCC, TRC001)
7Axx	31232..	Device Reaction FB (DCC, DCT, TMC, DPT, PAJ, PVI, @PCS)

Example: The error code 1311 Hex is a DUST 3 error.

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5 Evaluation of the System Error Panel

The system error panel, for the different software components, is located in the stack range of the processor (paragraph: 20 Hex). It begins with the offset attached the symbol "BSTACK_SYS_ERR". The respective actual offset of BSTACK_SYS_ERR can be taken from the file BSTACK.TXT, which is delivered with any SIMADYN D software release (for further information see User's Guide, Service, Error Handling PM General).

5.1 The Communications Error Panel

The communications error panel (KFF) is located at an interval of 38 bytes (26 Hex) from the BSTACK_SYS_ERR location. The following table shows some examples (the addresses are given in hexa-decimal code).

Version	Addr. BSTACK_SYS_ERR	Addr. Communications Error Panel
up to 2.2.2	20:650	20:676
from 2.2.2	20:66E	20:694
from 2.2.3C	20:6A6	20:6CC
from 2.3.1	20:71E	20:744
2.3.4	20:726	20:74C
from 3.0	20:728	20:74E
from 3.2	20:622	20:648

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The communications error panel has the following format.

	Error Coding	--Error Location--		Additional Information
	1. Word	2. Word	3. Word	4. Word
1. Error Message	-----	-----	-----	-----
2. Error Message	-----	-----	-----	-----
3. Error Message	-----	-----	-----	-----
4. Error Message	-----	-----	-----	-----
Number of Errors	-----	-----		

Every error entry consists of 4 words. The first data word (e.g. the first error message) indicates the error code. Ambiguous error sources require the error to be located; see section "Location of Error Codes".

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5.2 Searching Errors with Pocket (US1)

5.2.1 Reading Error Codes

When a flashing or steady 'C' appears (i.e. communications error), proceed with the following five steps.

Step 1: Plug pocket (= US1) in the configured monitor interface. This interface must be equipped with a 20 mA sub module.

Step 2: Read error message

Communications error messages in the system error panel are located from memory address 20 : (offset BSTACK SYS ERR + 26 Hex) (see also chapter: Evaluation of the System Error panel).

Enter the following into the US1 (e.g. for version 2.3):

DVn0X20:6CC 2H18

|
Number n of the processor module, which indicates 'C' ($1 \leq n \leq 8$)

Example: The 3rd processor module displays 'C'.

Pocket entry: DV30X20:6CC 2H18

Step 3: Data words are now displayed in hex format. An error code always consists of 4 data words.

Example: An error with a sequence error has occurred

	5132	0000	0000	000A	5131	02A6	076B	00BB	0000	0000	0000	0000			
		1st error message				2nd error message				3rd error message					
word		1	2	3	4		1	2	3	4		empty			

The error code 5132 specifies that the name of a MS could not be found. The sequence error 5131 is entered by the MB, where the name of the searched MS is configured.

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5.2.2 Location of Error Codes

The error has to be uniquely located in order to facilitate removal. In many cases, a definite error code suffices to recognize the component and to undertake appropriate error corrections. If only global error messages are entered, e.g. error code 5132, it is necessary to positively identify the component! In the above example, this is possible by evaluating the error message 5131.

The display message DM (KFF entry) must first be checked to ascertain which additional entry has been made, before continuing with the error search.

Step 4: Many error messages point to a name (ASCII code) of a faulty component. The pointer consists of the 2nd and 3rd word of an error message. The name is located at the address "3rd word : 2nd word".

In the example above, the evaluation of the error to the 2nd error entry (5131) can be continued.

Enter the following on the US1 service unit:

DV30X76B:2A6 1H6

^ --- ---
| | |
| | | Contents 2nd word
| | | Contents 3rd word

Number n of the processor module, which indicates 'C' (1 <= n <= 8)

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Step 5: Evaluate the name of the error detecting component

The 6 characters, which form the name of the "faulty" component, are output on the US1 display in hexa-decimal representation. The ASCII characters corresponding to the hex numbers specify the configured name of the communication component.

(Hex-, ASCII table see chapter Miscellaneous.)

Example: The name of the faulty component is displayed on US1 in the following way:

4D 45 4C 44 4D 42

These hex numbers correspond to the following ASCII characters, representing the configured name of the component:

M E L D M B

In the configuration, the appropriate block can be found under the name "MELDMB" selected by the user:

MELDMB : MSQ1

The user now knows that the connector CMS at the message block MELDMB must be checked, because the name of the message system configured there could not be found.

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5.3 Searching for errors with the hex Monitor on the Programming Device (PG)

The evaluation of errors with the hex monitor is preferred to operating the US1, because of the output to the printer and the incompatibility of hex and ASCII representation.

The following indicates the necessary measures and operating steps and are specified by an example from "Searching Errors with US1".

5.3.1 Reading Error Codes

Step 1: Connect to connector X01 with IBS cable (20 mA).

Step 2: Start DIAS program on PG.

- a) The hex monitor can be activated by a rack reset (power supply reset) and by simultaneously pressing the corresponding processor receive push-button. This push-button must not be released before the end of the initialization (processor number or error tag in the 7 segment display).
- b) If a communications error is detected by the hex monitor during cyclic operation (with no rack reset), then the hex monitor can be subsequently activated. Therefore the memory location 'BSATCK_PN_STATUS+2' must be written with the value 3.

Example : Address `BSTACK_PN_STATUS` = 20:BC6
 ==> location to be written = 20:BC6+2 = 20:BC8

Entry on pocket: CVn0X20:BC8=3

Step 3: Display KFF (18 words)

e.g. Entry on PG: DW 20:6CC,6EE

```
+-----+  
|       |  
| +---+ end address  
|   |  
| +----- start address  
|  
+----- command: DISPLAY WORD
```

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5.3.2 Location of Errors

Step 4: Read memory locations, containing the name of the component

e.g. Entry on PG: D 76B:2A6,2AB

```

|-----| |
|       | +--- end address
|       |
|       | +--- start address
+-----+ command: DISPLAY (BYTE)

```

Step 5: Evaluate the name of the error detecting component

The ASCII characters, on the right side of the screen, represent the configured name of the communication component, e.g. MELDMB

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6 Notes on Use

Four specifications are given for each error code, for the purposes of error analysis and remedy :

E: Cause of error
R: System response
C: Correction
DM: Display message

In an expanded document the following specifications are defined for specialists :

EQ: Location of definition and meaning of the error code
EM: Error detecting modules
AM: Error displaying modules

These need not concern the user.

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7 Error codes

7.1 KI - errors

- 0101 Hex 00257 Dez
E: Incorrect memory allocation for KPN_DATA segment
R: Abort KML initialization;
Abort system initialization
C: - BSSPVW_GEME value = 3: restrict memory requirements
in demanded memory object, e.g. reduce number of channels
- Otherwise: inform SWE; see Chapter 1
DM: 7-Seg '0'
KFF (0101H; length KPN_DATA; memory identifier; BSSPVW_GEME fct. val.)
- 0104 Hex 00260 Dez
E: Global KML overflow (all entries are occupied)
R: KML initialization continued;
system initialization continued.
display error at the start of cyclic operation;
calling FB switched off.
C: Reduce number of global communications media (DUST, PRK, PSK, ...) in configuration
DM: 7-Seg 'C'; local KML entry; YTS
1. KFF (0104H; Offs. KML entry; Para. KML entry; Para. CPVCM)
2. KFF (0104H; Offs. conf. name ; Para. conf. name ; Offs. ALE)
- 0108 Hex 00264 Dez
E: KML of a global memory was not found
R: KML initialization continued;
Abort system initialization
C: Switch on corresponding rack for PRK earlier
DM: 7-Seg '0'; local KML entry
KFF (0108H; memory identifier; 0; BSSPVW_INFO fct. value)
- 0111 Hex 00273 Dez
E: Multiple use of a TS name (name already in loc. KML)
(2 master programs use for PRK the same TS name)
R: KML initialization continued;
system initialization continued.
In cyclic operation the entry to the TS name already contained in KML is used
C: Configuring of all PM: Connector CTS
use different names for TS
DM: 7-Seg 'C'; local KML entry
KFF (0111H; Offs. local KML; Para. local KML; 0)

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0112 Hex

00274 Dez

E: Overflow of local KML (max. 32 KM possible)
R: KML initialization continued;
system initialization continued.
Error 0118H can appear at the start of cyclic operation;
0112H gives additional information.
C: Configuring of PM: connectors CTS and CMS
check on numbers of KM
DM: 7-Seg 'C'
KFF (0112H; Offs. KPN_DATA; Para. KPN_DATA; 0)

0114 Hex

00276 Dez

E: KML of a global memory was not found
R: KML initialization continued;
system initialization continued.
Error 0118H can appear at the start of cyclic operation;
0114H gives additional information.
C: Switch on corresponding rack earlier, for PRK
DM: 7-Seg 'C'
KFF (0114H; memory identifier; 0; BSSPVW_INFO fct. value)

0118 Hex

00280 Dez

E: Searched KM name not contained in local KML
R: Started FB remains disabled
C: Configuring: check connectors CMS and CTS;
check specifications at KIB;
switch on corresponding rack earlier, for PRK;
evaluate next 'C' !
DM: 7-Seg 'C'; YTS
KFF (0118H; Offs. conf. name; Para. conf. name; Offs. ALE)

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7.2 KA Errors

- 0201 Hex 00513 Dez
E: Invalid call identifier in the APL
R: Started FB remains disabled
C: Check SW versions
DM: 7-Seg 'C'; YTS
KFF (0201H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 0202 Hex 00514 Dez
E: PSK non-overwrite (sequential),
transmit/receive was configured
R: Started FB remains disabled
C: Tx-/Rx-FB: connector MOD - 1 (operating mode "overwriting")
DM: 7-Seg 'C'; YTS
KFF (0202H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 0203 Hex 00515 Dez
E: Reserve locations in list BSTACK_SDKA_ called
R: Started FB remains disabled
C: Check SW versions
DM: 7-Seg 'C'; YTS
1st KFF (0203H; Offs. return; Para. return; Offs. in ..._SDKA_)
2nd KFF (0203H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 0204 Hex 00516 Dez
E: Invalid modifier in the APL
R: Started FB remains disabled
C: Check SW versions
DM: 7-Seg 'C'; YTS
KFF (0204H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 0210 Hex 00528 Dez
E: a) Initialization waiting for acknowledgment by DUST;
b) Receive channel in the other rack of a PRK is not yet
initialized (at transmit channel initialization)
R: The system repeats the initialization call cyclically
C: Check connection to link partner;
switch on link partner
DM: YTS
- 0212 Hex 00530 Dez
E: KM name does not belong to a transport system
R: Started FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; YTS
KFF (0212H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 0213 Hex 00531 Dez
E: KADS of TS contains no transmission/reception channel
R: Started FB remains disabled
C: KIB: connector NCT or NCR (has to be > 0)
DM: 7-Seg 'C'; YTS
KFF (0213H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 0216 Hex 00534 Dez
E: All logical channels of the TS are occupied or locked
R: Started FB remains disabled
C: Reduce number of direct Tx-/Rx-FB or telegram FB or
(if possible) enhance number n of the channels of TS:
KIB: connector NCT or NCR = n
DM: 7-Seg 'C'; YTS
KFF (0216H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 0217 Hex 00535 Dez
E: No DBS or DBE to reserve (e.g. memory too small)
R: Started FB remains disabled
C: Re-configure, reduce memory load,
perhaps use another module (PM12)
DM: 7-Seg 'C'; YTS
KFF (0217H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 0218 Hex 00536 Dez
E: Multiple access to queue head WSK
R: Started FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; YTS
KFF (0218H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 0220 Hex 00544 Dez
E: Versions of KADS_PL and KADSIN are incompatible
R: Abort initialization of transport system
C: Check SW versions
DM: 7-Seg 'C'; local KML entry
KFF (0220H; Offs. KM name; Para. KM name; Offs. KIB-ALE)
- 0224 Hex 00548 Dez
E: KADS exceeds end of segment (> 65535 Bytes)
R: Abort initialization of transport system
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; local KML entry
KFF (0224H; Offs. KM name; Para. KM name; Offs. KIB-ALE)

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- 0225 Hex 00549 Dez
E: Error at KADS reservation (GEME call announces
e.g. memory too small)
Or: error at PRK (HW/SW)
R: Abort initialization of transport system
C: New configuring, reduce memory load,
perhaps use another module (PM12)
DM: 7-Seg 'C'; local KML entry
KFF (0225H; Offs. KM name; Para. KM name; Offs. KIB-ALE)
- 0230 Hex 00560 Dez
E: Multiple access to ADVS
R: Started FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; YTS
KFF (0230H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 0238 Hex 00568 Dez
E: Available DBS is smaller than requested
(PRK: tlg-length in Rx-tlg-FB smaller than in Tx-tlg-FB)
R: Started FB remains disabled
C: FB @CTT: connector LT <= FB @CRT: connector LT
DM: 7 Seg 'C'; YTS
KFF (0238H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 0240 Hex 00576 Dez
E: Tx job, waiting for transmission, was overwritten
R: Transmit operation (overwriting) continues normally;
some (older) jobs are lost;
C: Adapt sampling time of Tx-FB to speed of TS,
i.e. enlarge sampling time; initialize link partner
DM: YTS
- 0241 Hex 00577 Dez
E: Multiple access to ADVS
R: Started FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7 Seg 'C'; YTS
KFF (0241H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 0242 Hex 00578 Dez
E: Physical Tx interface in BREAK state
for DUST4: destination station (AT-connector) not
available on bus
Note: for PSK see error 3281H !
R: Wait for BREAK removal,
subsequently immediately resume function
C: Enable link device; check transfer line
DUST4: check specifications at AT-connectors
DM: YTS

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- 0245 Hex 00581 Dez
E: Multiple access to queue head
R: Started FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; YTS
KFF (0245H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 0246 Hex 00582 Dez
E: All available DBS are occupied
R: Transmit operation (non-overwriting) continues normally;
some (newer) jobs are lost;
C: Adapt sampling time of Tx-FB to speed of TS,
i.e. enlarge sampling time; initialize link partner
DM: YTS
- 0251 Hex 00593 Dez
E: Multiple access to ADVS
R: Started FB remains disabled
C: Inform SWE; see chapter 1
DM: 7-Seg 'C'; YTS
KFF (0251H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 0261 Hex 00609 Dez
E: Multiple access to ADVE
R: Started FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; YTS
KFF (0261H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 0263 Hex 00611 Dez
E: No Rx job received within sampling time
R: Receiving attempts are repeated cyclically
C: Adapt sampling time of Rx-FB to speed of TS,
i.e. enlarge sampling time; initialize link partner
DM: YTS
- 0264 Hex 00612 Dez
E: Physical Rx interface in BREAK state
R: Wait for BREAK removal,
subsequently immediately resume function
C: Enable link device; check transfer line
DM: YTS
- 0265 Hex 00613 Dez
E: Multiple access to ADVE
R: Started FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; YTS
KFF (0265H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 0270 Hex 00624 Dez
E: DUST4 name in the APL is not contained in the KML
R: Normal run without ring update
C: Check configuring
DM: 7-Seg 'C'
KFF (0270H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 0271 Hex 00625 Dez
E: DUST4 name in the APL does not belong to a transport system
R: Normal run without ring update
C: Check configuring
DM: 7-Seg 'C'
KFF (0271H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 0272 Hex 00626 Dez
E: TS belonging to DUST4 name is not a DUST
R: Normal run without ring update
C: Check configuring
DM: 7-Seg 'C'
KFF (0272H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 0274 Hex 00628 Dez
E: Multiple access to queue head WSK
R: Normal run without ring update
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (0274H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 0278 Hex 00632 Dez
E: DUST4 name in the APL is not contained in the KML
R: Normal run without de-coupling the station
C: Check configuring
DM: 7-Seg 'C'
KFF (0278H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 0279 Hex 00633 Dez
E: DUST4 name in the APL does not belong to a transport system
R: Normal run without de-coupling the station
C: Check configuring
DM: 7-Seg 'C'
KFF (0279H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 027A Hex 00634 Dez
E: TS belonging to DUST4 name is not a DUST
R: Normal run without de-coupling the station
C: Check configuring
DM: 7-Seg 'C'
KFF (027AH; Offs. conf. name; Para. conf. name; Offs. ALE)

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027C Hex

00636 Dez

E: Multiple access to queue head WSK
R: Normal run without de-coupling the station
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (027CH; Offs. conf. name; Para. conf. name; Offs. ALE)

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7.3 HW Driver Errors

- 1001 Hex 04097 Dez
 E: Required connectors do not exist (for HW fct.)
 R: Abort initialization of interface
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'; local KML entry
 KFF (1001H; Offs. KM name; Para. KM name; Offs. KIB-ALE)
- 1002 Hex 04098 Dez
 E: Required driver function does not exist
 R: Abort initialization of interface
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'; local KML entry
 KFF (1002H; Offs. KM name; Para. KM name; Offs. KIB-ALE)
- 1003 Hex 04099 Dez
 E: Required timer function does not exist
 R: Abort initialization of interface
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'; local KML entry
 KFF (1003H; Offs. KM name; Para. KM name; Offs. KIB-ALE)
- 1004 Hex 04100 Dez
 E: Required connectors do not exist (for HW interrupts)
 R: Abort initialization of interface
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'; local KML entry
 KFF (1004H; Offs. KM name; Para. KM name; Offs. KIB-ALE)
- 1005 Hex 04101 Dez
 E: ESR branch list in KPN_DATA for required connector
 (channel A) already reserved
 R: Abort initialization of interface
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'; local KML entry
 KFF (1005H; Offs. KM name; Para. KM name; Offs. KIB-ALE)
- 1006 Hex 04102 Dez
 E: ESR branch list in KPN_DATA for required connector
 (channel B) already reserved
 R: Abort initialization of interface
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'; local KML entry
 KFF (1006H; Offs. KM name; Para. KM name; Offs. KIB-ALE)

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- 1007 Hex 04103 Dez
E: ESR branch list in KPN_DATA for required connector (channel C) already reserved
R: Abort initialization of interface
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; local KML entry
KFF (1007H; Offs. KM name; Para. KM name; Offs. KIB-ALE)
- 1008 Hex 04104 Dez
E: ESR branch list in KPN_DATA for required connector (channel D) already reserved
R: Abort initialization of interface
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; local KML entry
KFF (1008H; Offs. KM name; Para. KM name; Offs. KIB-ALE)
- 1009 Hex 04105 Dez
E: Required driver interrupt from DUST does not exist
R: Abort initialization of interface
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; local KML entry
KFF (1009H; Offs. KM name; Para. KM name; Offs. KIB-ALE)
- 100A Hex 04106 Dez
E: Required timer interrupt from DUST does not exist
R: Abort initialization of interface
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; local KML entry
KFF (100AH; Offs. KM name; Para. KM name; Offs. KIB-ALE)
- 100B Hex 04107 Dez
E: Required DMA interrupt from DUST does not exist
R: Abort initialization of interface
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; local KML entry
KFF (100BH; Offs. KM name; Para. KM name; Offs. KIB-ALE)
- 100C Hex 04108 Dez
E: DMA0 of CPU already occupied
R: Abort initialization of interface
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; local KML entry
KFF (100CH; Offs. KM name; Para. KM name; Offs. KIB-ALE)
- 100D Hex 04109 Dez
E: DMA1 of CPU already occupied
R: Abort initialization of interface
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; local KML entry
KFF (100DH; Offs. KM name; Para. KM name; Offs. KIB-ALE)

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- 1010 Hex 04112 Dez
E: SCC-Sync-Modus not yet implemented
R: Abort initialization of interface
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; local KML entry
KFF (1010H; Offs. KM name; Para. KM name; Offs. KIB-ALE)
- 1011 Hex 04113 Dez
E: SCC test: Baud rate loaded into SCC cannot be read
R: Abort initialization of interface
C: Check, replace HW
DM: 7-Seg 'C'; local KML entry
KFF (1011H; Offs. KM name; Para. KM name; Offs. KIB-ALE)
- 1021 Hex 04129 Dez
E: CPU-Timer 2 block test: time constant loaded into
block cannot be read
R: Abort initialization of interface
C: Check, replace HW
DM: 7-Seg 'C'; local KML entry
KFF (1021H; Offs. KM name; Para. KM name; Offs. KIB-ALE)
- 1022 Hex 04130 Dez
E: CIO2-C/T1-Timer block test: time constant loaded into
block cannot be read
R: Abort initialization of interface
C: Check, replace HW
DM: 7-Seg 'C'; local KML entry
KFF (1022H; Offs. KM name; Para. KM name; Offs. KIB-ALE)
- 1023 Hex 04131 Dez
E: CIO2-C/T2-Timer block test: time constant loaded into
block cannot be read
R: Abort initialization of interface
C: Check, replace HW
DM: 7-Seg 'C'; local KML entry
KFF (1023H; Offs. KM name; Para. KM name; Offs. KIB-ALE)
- 1024 Hex 04132 Dez
E: CIO2-C/T3-Timer block test: time constant loaded into
block cannot be read
R: Abort initialization of interface
C: Check, replace HW
DM: 7-Seg 'C'; local KML entry
KFF (1024H; Offs. KM name; Para. KM name; Offs. KIB-ALE)

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- 1031 Hex 04145 Dez
E: Parity error in received telegram
R: Received telegram discarded (by DUST)
C: with frequent occurrence check transmission line
for noise immunity;
if necessary synchronize transmitter and receiver for parity
DM: Transfer to DUST
- 1032 Hex 04146 Dez
E: Over run error in received telegram
R: Received telegram discarded (by DUST)
C: Check processor load (interrupt disable)
DM: Transfer to DUST
- 1033 Hex 04147 Dez
E: Simultaneous error 1031H and 1032H (refer to 1032)
R: Received telegram discarded (by DUST)
C: See 1031H and 1032H
DM: Transfer to DUST
- 1034 Hex 04148 Dez
E: CRC-/framing error in received telegram
R: Received telegram discarded (by DUST)
C: with frequent occurrence check transmission line
for noise immunity;
if necessary synchronize transmitter and receiver for framing
DM: Transfer to DUST
- 1035 Hex 04149 Dez
E: Simultaneous error 1031H and 1034H (refer to 1034)
R: Received telegram discarded (by DUST)
C: See 1031H and 1034H
DM: Transfer to DUST
- 1036 Hex 04150 Dez
E: Simultaneous error 1032H and 1034H (refer to 1034)
R: Received telegram discarded (by DUST)
C: See 1032H and 1034H
DM: Transfer to DUST
- 1037 Hex 04151 Dez
E: Simultaneous error 1031H, 1032H and 1034H (refer to 1034)
R: Received telegram discarded (by DUST)
C: See 1031H, 1032H and 1034H
DM: Transfer to DUST
- 1041 Hex 04161 Dez
E: Non-identifiable ESC-INT cause (ext. SCC state)
R: Temporary error;
system will resume normal operation after error
C Check HW
DM: Debug location in HW data segment

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1051 Hex

04177 Dez

E: Invalid module identifier
R: Abort initialization of interface
C: Check, replace HW
DM: 7-Seg '0' (set by OS); local KML entry
KFF (1051H; Offs. KM name; Para. KM name; Offs. KIB-ALE)

10F0 Hex

04336 Dez

E: PG: HW driver level not suitable for device
(e.g. HW driver for PG675 on PG685);
wrong operating system (e.g. CP/M)
R: No communication with SIMADYN D
C: Inform SWE; see Chapter 1
DM: Message on PG screen

10F1 Hex

04337 Dez

E: PG: invalid system call, since not preceded by (or
unsuccessful) DUST start call
R: no communication with SIMADYN D
C: inform SWE; see chapter 1
DM: message on PG screen

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7.4 DUST 1 errors

- 1101 Hex 04353 Dez
E: Job type (in ADS) not implemented
R: Temporary error;
system will resume normal operation after error
C: Check SW versions
DM: KADS location S_ERG
- 1102 Hex 04354 Dez
E: Job too long (> 250 characters)
(block transmit not yet implemented)
R: Temporary error; job is lost;
system will resume normal operation after error
C: Tx-tlg-FB: connector LT - 1...250
limit telegram length to max. 250 data bytes
DM: DUST1 internal debug location
- 1110 Hex 04368 Dez
E: First character after telegram frame interval time not a start char.
R: Temporary error;
system will resume normal operation after error
C: Check coupling line, partner
DM: DUST1 internal debug location
- 1111 Hex 04369 Dez
E: Second length character <> first length character
in telegram frame of Rx-telegram (transmit error)
R: Temporary error;
system will resume normal operation after error
C: Check coupling line, partner
DM: DUST1 internal debug location
- 1112 Hex 04370 Dez
E: Incorrect separator between telegram frame (Header)
and telegram data in Rx-telegram
R: Temporary error;
system will resume normal operation after error
C: Check coupling line, partner
DM: DUST1 internal debug location
- 1113 Hex 04371 Dez
E: Length of telegram data <> representation in length character,
premature end of telegram (from reception of separator)
R: Temporary error;
system will resume normal operation after error
C: Check coupling line, partner
DM: DUST1 internal debug location

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- 1114 Hex 04372 Dez
E: Undefined telegram type in Rx-telegram
R: Temporary error;
system will resume normal operation after error
C: Check coupling line, partner
DM: DUST1 internal debug location
- 1115 Hex 04373 Dez
E: Incorrect entry ZLK-TK in Rx-telegram
(2nd byte of channel address)
R: Temporary error;
system will resume normal operation after error
C: Check SW versions
DM: DUST1 internal debug location
- 1116 Hex 04374 Dez
E: No logical Rx channel exists for the Rx-telegram
(no suitable entry (KLK+ZLK-TK) in ARLE)
R: Temporary error;
system will resume normal operation after error
C: Tx-/Rx-telegram FB: check connector AT or AR
DM: DUST1 internal debug location
- 1117 Hex 04375 Dez
E: Incorrect block length sum (transmission error Rx-telegram)
R: Temporary error;
system will resume normal operation after error
C: Check coupling line, partner
DM: DUST1 internal debug location
- 1118 Hex 04376 Dez
E: Incorrect end character in the frame of Rx-telegram
R: Temporary error;
system will resume normal operation after error
C: Check coupling line, partner
DM: DUST1 internal debug location
- 1119 Hex 04377 Dez
E: A character was received during telegram frame interval receive
R: Temporary error;
system will resume normal operation after error
C: Inform SWE; see Chapter 1
DM: DUST1 internal debug location

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- 111A Hex 04378 Dez
 E: Next receive character not arrived within the defined time (overload)
 R: Temporary error;
 system will resume normal operation after error
 C: Check coupling line, partner
 check processor load (interrupt disable)
 in transmitter and receiver
 DM: DUST1 internal debug location
- 1130 Hex 04400 Dez
 E: Undefined timer function
 R: Temporary error;
 system will resume normal operation after error
 C: Fixed after activating the error message
 DM: DUST1 internal debug location
- 1141 Hex 04417 Dez
 E: Invalid channel address configured
 R: Started FB remains disabled
 C: Tx-/Rx-telegram FB: connector AT or AR - '0'...'255'
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (1141H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1142 Hex 04418 Dez
 E: Configured receive address already exists (in ARLE)
 R: Started FB remains disabled
 C: Rx-telegram FB: connector AR (must be unique)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (1142H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1146 Hex 04422 Dez
 E: Invalid number of Rx channels configured
 R: Abort DUST1 initialization
 C: DUST1-KIB: connector NCR = 0...255
 DM: 7-Seg 'C'; local KML entry
 KFF (1146H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1147 Hex 04423 Dez
 E: Invalid number of Tx channels configured
 R: Abort DUST1 initialization
 C: DUST1-KIB: connector NCT = 0...255
 DM: 7-Seg 'C'; local KML entry
 KFF (1147H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1148 Hex 04424 Dez
 E: Leading blank in configured baud rate
 R: Abort DUST1 initialization
 C: DUST1-KIB: connector BDR (enter baud rate left justified)
 DM: 7-Seg 'C'; local KML entry
 KFF (1148H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 1149 Hex 04425 Dez
E: Leading zero in configured baud rate
R: Abort DUST1 initialization
C: DUST1-KIB: connector BDR (baud rate: 1st digit > 0)
DM: 7-Seg 'C'; local KML entry
KFF (1149H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 114A Hex 04426 Dez
E: Letter(s) in configured baud rate
R: Abort DUST1 initialization
C: DUST1-KIB: connector BDR (baud rate: only numerics allowed)
DM: 7-Seg 'C'; local KML entry
KFF (114AH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 114B Hex 04427 Dez
E: Configured baud rate not in standard set of baud rates
R: Abort DUST1 initialization
C: DUST1-KIB: connector BDR = bbb
valid bbb = 300, 600, 1200, 2400, 4800, 9600, 19200
DM: 7-Seg 'C'; local KML entry
KFF (114BH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 114C Hex 04428 Dez
E: Leading blank in configured prompter interval
R: Abort DUST1 initialization
C: DUST1-KIB: connector TWU (enter prompter interval left justified)
DM: 7-Seg 'C'; local KML entry
KFF (114CH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 114D Hex 04429 Dez
E: Blank between 2 digits in configured prompter interval
R: Abort DUST1 initialization
C: DUST1-KIB: connector TWU (enter prompter interval without blanks)
DM: 7-Seg 'C'; local KML entry
KFF (114DH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 114E Hex 04430 Dez
E: Letter(s) in configured prompter interval
R: Abort DUST1 initialization
C: DUST1-KIB: connector TWU (baud rate: only numerics allowed)
DM: 7-Seg 'C'; local KML entry
KFF (114EH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 114F Hex 04431 Dez
E: Invalid prompter interval (= 0 ms) configured
R: Abort DUST1 initialization
C: DUST1-KIB: connector TWU = 1...999 (min. 1 ms)
DM: 7-Seg 'C'; local KML entry
KFF (114FH; Offs. conf. name; Para. conf. name; Offs. ALE)

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7.5 DUST 2 Errors

- 1204 Hex 04612 Dez
- E: After three outputs of a message (terminated with ETX) to the printer no ACK (Acknowledge) was received
- R: Temporary error;
system will resume normal operation after error removal
- C: - DUST2-KIB: connector BDR (compare configured baud rate with printer baud rate)
- DUST2-KIB: connector PAR (compare configured parity with printer parity)
- Adjust X-ON/X-OFF protocol on the printer
- Check connecting cable and idle current supply:
 = For transmission SIMADYN D --> printer
 SIMADYN D generates idle current (20 mA).
 = For transmission printer --> SIMADYN D
 the printer generates idle current (20 mA).
- DM: 7-Seg 'C'; DUST2 internal debug location
KFF (1204H; Para. DUST data segm.; Para. KADS; 0)
- 1205 Hex 04613 Dez
- E: Parity, overflow and/or framing error appeared at data receiving
- R: Temporary error;
system will resume normal operation after error
- C: Check coupling line
- DM: DUST2 internal debug location
- 1206 Hex 04614 Dez
- E: Invalid timer function
- R: Temporary error;
system will resume normal operation after error
- C: Check SW versions
- DM: DUST2 internal debug location
- 1207 Hex 04615 Dez
- E: Multiple access to queue head WSK attempted
- R: Temporary error;
system will resume normal operation after error
- C: Inform SWE; see Chapter 1
- DM: DUST2 internal debug location
- 1208 Hex 04616 Dez
- E: Invalid job type (<> DAT_OQ, DAT_MQ)
- R: Temporary error;
system will resume normal operation after error
- C: Inform SWE; see Chapter 1
- DM: KADS location S_ERG

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- 1209 Hex 04617 Dez
E: The actual print job has the length 0
R: Temporary error;
system will resume normal operation after error
C: A telegram has to be configured or the
DUST2 block must be removed from the configuration
DM: KADS location S_ERG
- 120A Hex 04618 Dez
E: Invalid transmission address configured
R: Started FB remains disabled
C: Tx-FB: connector AT - '' (must be "Empty")
DM: 7-Seg 'C'; KADS location S_ERG; YTS
KFF (120AH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1210 Hex 04624 Dez
E: Invalid number of Tx-channels configured
R: Abort DUST2 initialization
C: DUST2-KIB: connector NCT = 0...9
DM: 7-Seg 'C'; local KML entry
KFF (1210H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1211 Hex 04625 Dez
E: Leading blank in configured baud rate
R: Abort DUST2 initialization
C: DUST2-KIB: connector BDR (enter baud rate left justified)
DM: 7-Seg 'C'; local KML entry
KFF (1211H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1212 Hex 04626 Dez
E: Leading zero in configured baud rate
R: Abort DUST2 initialization
C: DUST2-KIB: connector BDR (baud rate: 1st digit > 0)
DM: 7-Seg 'C'; local KML entry
KFF (1212H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1213 Hex 04627 Dez
E: Letter(s) in configured baud rate
R: Abort DUST2 initialization
C: DUST2-KIB: connector BDR (baud rate: only numerics allowed)
DM: 7-Seg 'C'; local KML entry
KFF (1213H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1214 Hex 04628 Dez
E: Configured baud rate not in standard set of baud rates
R: Abort DUST2 initialization
C: DUST2-KIB: connector BDR = bbb
valid bbb = 300, 600, 1200, 2400, 4800, 9600
DM: 7-Seg 'C'; local KML entry
KFF (1214H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 1215 Hex 04629 Dez
E: Leading blank in configured prompter interval
R: Abort DUST2 initialization
C: DUST2-KIB: connector TWU (enter prompter interval left justified)
DM: 7-Seg 'C'; local KML entry
KFF (1215H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1216 Hex 04630 Dez
E: Blank between 2 digits in configured prompter interval
R: Abort DUST2 initialization
C: DUST2-KIB: connector TWU (enter prompter interval without blanks)
DM: 7-Seg 'C'; local KML entry
KFF (1216H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1217 Hex 04631 Dez
E: Letter(s) in configured prompter interval
R: Abort DUST2 initialization
C: DUST2-KIB: connector TWU (baud rate: only numerics allowed)
DM: 7-Seg 'C'; local KML entry
KFF (1217H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1218 Hex 04632 Dez
E: Invalid prompter interval (= 0 ms) configured
R: Abort DUST2 initialization
C: DUST2-KIB: connector TWU = 1...999 (min. 1 ms)
DM: 7-Seg 'C'; local KML entry
KFF (1218H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1219 Hex 04633 Dez
E: Leading blank in configured parity parameter
R: Abort DUST2 initialization
C: DUST2-KIB: connector PAR (enter parity left justified)
DM: 7-Seg 'C'; local KML entry
KFF (1219H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 121A Hex 04634 Dez
E: Unknown (invalid) parity configured
R: Abort DUST2 initialization
C: DUST2-KIB: connector PAR = NO/ODD/EVEN (one of 3 specifications)
DM: 7-Seg 'C'; local KML entry
KFF (121AH; Offs. conf. name; Para. conf. name; Offs. ALE)

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7.6 DUST 3 Errors

1301 Hex

04865 Dez

E: No channel address (SIMATIC address) configured
R: Started FB remains disabled
C: Tx-/Rx-FB: connector AT or AR (specify SIMATIC address of the following format)
 'ASwwwwww,zzz.u' | where:
or 'ASwwwwww' | u = 0...7 ; wwwwww = 0...65535
or 'A*xxx.yyy,zzz.u' | xxx = 1...255; yyy = 0...256
or 'A*xxx.yyy' | zzz = 1...255
 |
 * = D, E, A, M, Z, T (see /3/)
DM: 7-Seg 'C'; KADS location S_ERG; YTS
KFF (1301H; Offs. conf. name; Para. conf. name; Offs. ALE)

1302 Hex

04866 Dez

E: Channel address begins with "E" (invalid input instruction)
R: Started FB remains disabled
C: Channel address has to begin with "A" (see 1301H)
DM: 7-Seg 'C'; KADS location S_ERG; YTS
KFF (1302H; Offs. conf. name; Para. conf. name; Offs. ALE)

1303 Hex

04867 Dez

E: Channel address does not begin with "A" (no output instruction)
R: Started FB remains disabled
C: Channel address has to begin with "A" (see 1301H)
DM: 7-Seg 'C'; KADS location S_ERG; YTS
KFF (1303H; Offs. conf. name; Para. conf. name; Offs. ALE)

1304 Hex

04868 Dez

E: Channel address contains only the character "A"
R: Started FB remains disabled
C: Configure complete channel address (see 1301H)
DM: 7-Seg 'C'; KADS location S_ERG; YTS
KFF (1304H; Offs. conf. name; Para. conf. name; Offs. ALE)

1305 Hex

04869 Dez

E: 2nd character of channel address (data type) invalid
R: Started FB remains disabled
C: Configure valid character (S,D,E,A,M,Z,T) (see 1301H)
DM: 7-Seg 'C'; KADS location S_ERG; YTS
KFF (1305H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 1306 Hex 04870 Dez
 E: Syntax of absolute address (wwwwww) in the channel address incorrect (character <> digit)
 R: Started FB remains disabled
 C: Configure 0 <= wwwwww <= 65535 (only numerics) (see 1301H)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (1306H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1307 Hex 04871 Dez
 E: Absolute address (wwwwww) in the channel address is missing
 R: Started FB remains disabled
 C: Configure 0 <= wwwwww <= 65535 (only numerics) (see 1301H)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (1307H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1308 Hex 04872 Dez
 E: Invalid absolute address (wwwwww) in the channel address
 R: Started FB remains disabled
 C: Configure 0 <= wwwwww <= 65535 (only numerics) (see 1301H)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (1308H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1309 Hex 04873 Dez
 E: Continuation of channel address after absolute address (wwwwww) with a character <> comma
 R: Started FB remains disabled
 C: Immediate after wwwwww only a comma (with leading blanks) may follow (see 1301H)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (1309H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 130A Hex 04874 Dez
 E: Co-ordination flag byte no. (zzz) of channel address is missing
 R: Started FB remains disabled
 C: Configure co-ordination flag (zzz.u) (see 1301H)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (130AH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 130B Hex 04875 Dez
 E: Syntax of co-ordination flag byte no. (zzz) in the channel address incorrect (character <> digit)
 R: Started FB remains disabled
 C: Configure 1 <= zzz <= 255 (only numerics) (see 1301H)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (130BH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 130C Hex 04876 Dez
 E: Period missing after co-ordination flag byte no. (zzz)
 R: Started FB remains disabled
 C: Configure period (between zzz and u) (see 1301H)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (130CH; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 130D Hex 04877 Dez
 E: Co-ordination flag byte no. (zzz) is too small (= 0)
 R: Started FB remains disabled
 C: Configure 1 <= zzz <= 255 (see 1301H)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (130DH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 130E Hex 04878 Dez
 E: Co-ordination flag byte no. (zzz) is too large (> 255)
 R: Started FB remains disabled
 C: Configure 1 <= zzz <= 255 (see 1301H)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (130EH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 130F Hex 04879 Dez
 E: Period missing after the co-ordination flag byte no. (zzz) or
 after the data block no. (xxx) of the channel address
 R: Started FB remains disabled
 C: Configure period (between zzz and u or between xxx and yyy)
 (see 1301H)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (130FH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1310 Hex 04880 Dez
 E: Invalid co-ordination flag bit no. (u)
 in the channel address (value range invalid)
 R: Started FB remains disabled
 C: Configure 0 <= u <= 7 (see 1301H)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (1310H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1311 Hex 04881 Dez
 E: Co-ordination flag bit no. (u) of channel address is missing
 R: Started FB remains disabled
 C: Configure 0 <= u <= 7 (see 1301H)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (1311H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1312 Hex 04882 Dez
 E: Syntax of co-ordination flag bit no. (u) in
 the channel address (character <> digit)
 R: Started FB remains disabled
 C: Configure 0 <= u <= 7 (only one digit) (see 1301H)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (1312H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1313 Hex 04883 Dez
 E: Co-ordination flag bit no. has more than one digit
 R: Started FB remains disabled
 C: Configure 0 <= u <= 7 (only one digit) (see 1301H)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (1313H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 1314 Hex 04884 Dez
 E: Data block number (xxx) of channel address is missing
 R: Started FB remains disabled
 C: Configure data block declaration (xxx.yyy) (see 1301H)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (1314H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1315 Hex 04885 Dez
 E: Period missing after data block no. (xxx)
 R: Started FB remains disabled
 C: Configure period (between xxx and yyy) (see 1301H)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (1315H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1316 Hex 04886 Dez
 E: Data block no. (xxx) is too large (> 255)
 R: Started FB remains disabled
 C: Configure 1 <= xxx <= 255 (see 1301H)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (1316H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1317 Hex 04887 Dez
 E: Data block no. (xxx) is too small (= 0)
 R: Started FB remains disabled
 C: Configure 1 <= xxx <= 255 (see 1301H)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (1317H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1318 Hex 04888 Dez
 E: Syntax of data block no. (xxx) in the
 channel address is incorrect (character <> digit)
 R: Started FB remains disabled
 C: Configure 1 <= xxx <= 255 (only digits) (see 1301H)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (1318H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1319 Hex 04889 Dez
 E: Data word no. (yyy) of channel address is missing
 R: Started FB remains disabled
 C: Configure 0 <= yyy <= 256 (see 1301H)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (1319H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1320 Hex 04896 Dez
 E: Data word no. (yyy) is too large (> 256)
 R: Started FB remains disabled
 C: Configure 0 <= yyy <= 256 (see 1301H)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (1320H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 1321 Hex 04897 Dez
E: Syntax of data word no. (yyy) in the channel address
is incorrect (character <> digit)
R: Started FB remains disabled
C: Configure 0 <= yyy <= 256 (only digits) (see 1301H)
DM: 7-Seg 'C'; KADS location S_ERG; YTS
KFF (1321H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1324 Hex 04900 Dez
E: Configured receive address (name) is multiply available
R: Started FB remains disabled
C: Rx-FB: connector AR (name must be unique)
DM: 7-Seg 'C'; KADS location S_ERG; YTS
KFF (1324H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1326 Hex 04902 Dez
E: Telegram is not transmitted, because
a) Configured telegram length = 0;
b) Reaction telegram with error number;
c) Invalid feedback after calling driver level
R: Temporary error
C: a) Tx-telegram FB: connector LT (must be > 0)
b) Tx-telegram FB: connector AT (compatible to SIMATIC-S5 ?)
c) Inform SWE; see Chapter 1
DM: KADS location S_ERG
- 1327 Hex 04903 Dez
E: Reaction delay time (RVZ) has expired
R: Temporary error
C: Check: interface module = 20 mA ?;
connection cable ok ?; SIMATIC S5 power up ?
DM: KADS location S_ERG
- 1328 Hex 04904 Dez
E: Unknown (invalid) block check configured
R: Abort DUST3 initialization
C: DUST3-KIB: connector BCC = Y/N (one of 2 specifications)
DM: 7-Seg 'C'; local KML entry
KFF (1328H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1329 Hex 04905 Dez
E: Unknown (invalid) priority configured
R: Abort DUST3 initialization
C: DUST3-KIB: connector PRI = Y/N (one of 2 specifications)
DM: 7-Seg 'C'; local KML entry
KFF (1329H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 132D Hex 04909 Dez
 E: Channel address contains a blank
 R: Started FB remains disabled
 C: Correct configuring: after a blank only
 blanks may follow (trailing spaces)
 DM: 7-Seg 'C'; KADS location S_ERG; YTS
 KFF (132DH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 132F Hex 04911 Dez
 E: Invalid number of Rx-channels configured
 R: Abort DUST3 initialization
 C: DUST3-KIB: connector NCR = 0...255
 DM: 7-Seg 'C'; local KML entry
 KFF (132FH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1330 Hex 04912 Dez
 E: Invalid number of Tx-channels configured
 R: Abort DUST3 initialization
 C: DUST3-KIB: connector NCT = 0...255
 DM: 7-Seg 'C'; local KML entry
 KFF (1330H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1331 Hex 04913 Dez
 E: Leading blank in configured baud rate
 R: Abort DUST3 initialization
 C: DUST3-KIB: connector BDR (enter baud rate left justified)
 DM: 7-Seg 'C'; local KML entry
 KFF (1331H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1332 Hex 04914 Dez
 E: Leading zero in configured baud rate
 R: Abort DUST3 initialization
 C: DUST3-KIB: connector BDR (baud rate: 1st digit > 0)
 DM: 7-Seg 'C'; local KML entry
 KFF (1332H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1333 Hex 04915 Dez
 E: Letter(s) in configured baud rate
 R: Abort DUST3 initialization
 C: DUST3-KIB: connector BDR (baud rate: only numerics allowed)
 DM: 7-Seg 'C'; local KML entry
 KFF (1333H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1334 Hex 04916 Dez
 E: Configured baud rate not in standard set of baud rates
 R: Abort DUST3 initialization
 C: DUST3-KIB: connector BDR = bbb
 valid bbb = 300, 600, 1200, 2400, 4800, 9600, 19200
 Note: 19200 baud only possible on PM16
 DM: 7-Seg 'C'; local KML entry
 KFF (1334H; Offs. conf. name; Para. conf. name; Offs. ALE)

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1335 Hex

04917 Dez

E: Leading blank in configured prompter interval
R: Abort DUST3 initialization
C: DUST3-KIB: connector TWU (enter prompter interval left justified)
DM: 7-Seg 'C'; local KML entry
KFF (1335H; Offs. conf. name; Para. conf. name; Offs. ALE)

1336 Hex

04918 Dez

E: Blank between 2 digits in configured prompter interval
R: Abort DUST3 initialization
C: DUST3-KIB: connector TWU (enter prompter interval without blanks)
DM: 7-Seg 'C'; local KML entry
KFF (1336H; Offs. conf. name; Para. conf. name; Offs. ALE)

1337 Hex

04919 Dez

E: Letter(s) in configured prompter interval
R: Abort DUST3 initialization
C: DUST3-KIB: connector TWU (baud rate: only numerics allowed)
DM: 7-Seg 'C'; local KML entry
KFF (1337H; Offs. conf. name; Para. conf. name; Offs. ALE)

1338 Hex

04920 Dez

E: Invalid prompter interval (= 0 ms) configured
R: Abort DUST3 initialization
C: DUST3-KIB: connector TWU = 1...999 (min. 1 ms)
DM: 7-Seg 'C'; local KML entry
KFF (1338H; Offs. conf. name; Para. conf. name; Offs. ALE)

1339 Hex

04921 Dez

E: Configured baud rate of 19200 Baud is only allowed on PM16
R: Abort DUST3 initialization
C: DUST3-KIB: connector BDR = bbb
valid bbb = 300, 600, 1200, 2400, 4800, 9600
(and only on PM16 also 19200 Baud)
DM: 7-Seg 'C'; local KML entry
KFF (1339H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 1404 Hex 05124 Dez
E: Invalid number of Rx-channels configure
R: Abort DUST4 initialization
C: DUST4-KIB: connector NCR = 0...255
DM: 7-Seg 'C'
KFF (1404H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1406 Hex 05126 Dez
E: Invalid number of Tx-channels configure
R: Abort DUST4 initialization
C: DUST4-KIB: connector NCT = 0...255
DM: 7-Seg 'C'
KFF (1406H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1408 Hex 05128 Dez
E: Invalid TN-address (address bus station) at KIB
R: Abort DUST4 initialization
C: DUST4-KIB: connector ABS = 0...126
DM: 7-Seg 'C'
KFF (1408H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 140A Hex 05130 Dez
E: Invalid group address configured at KIB
R: Abort DUST4 initialization
C: DUST4-KIB: connector AGR = 0 or A...J
(0 means TN belongs to no group)
DM: 7-Seg 'C'
KFF (140AH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 140C Hex 05132 Dez
E: Invalid token delay time configured at KIB
R: Abort DUST4 initialization
C: DUST4-KIB: connector TTD = 0...200 (time in ms)
further information see /1/
DM: 7-Seg 'C'
KFF (140CH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1410 Hex
E: DUST4 can only be configured on connector X02 !
R: Abort DUST4 initialization or further operation of the system
C: Configure DUST4 on connector X02
EQ: KD4MAC.86A, KD4F_X02
EM: KSID40
AM: KSID40
DM: 7-Seg 'C'
KFF (1410H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 1412 Hex 05138 Dez
E: Too large ND number (> 255) configured at Rx-telegram FB @CRT
R: Started FB remains disabled
C: FB @CRT: connector LT = 1...255
DM: 7-Seg 'C'; KADS location S_ERG; YTS
KFF (1412H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1414 Hex 05140 Dez
E: Too large ND number (> 255) configured at Tx-telegram FB @CTT
R: Started FB remains disabled
C: FB @CTT: connector LT = 1...255
DM: 7-Seg 'C'; KADS location S_ERG; YTS
KFF (1414H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1416 Hex 05142 Dez
E: Configured receive address invalid
R: Started FB remains disabled
C: Rx-FB: connector AR - '0'...'99'
DM: 7 Seg 'C'; KADS location S_ERG; YTS
KFF (1416H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1418 Hex 05144 Dez
E: Configured transmission address invalid
R: Started FB remains disabled
C: Tx-FB: connector AT - 'destination-TN. channel-number'
where : destination-TN = 0...126 or A...J or X
channel-number = 0...99
DM: 7 Seg 'C'; KADS location S_ERG; YTS
KFF (1418H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 141A Hex 05146 Dez
E: Receive address configured more than once
R: Started FB remains disabled
C: Rx-FB: connector AR - '0'...'99' (must be unique)
DM: 7 Seg 'C'; KADS location S_ERG; YTS
KFF (141AH; Offs. conf. name; Para. conf. name; Offs. ALE)

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141C Hex

05148 Dez

- E: - Attempt to establish new a TN contained already in the ring (U-Token to active TN)
- Token was sent by an inactive TN (e.g. by a late enable of a TN during a running update (Start-TNL missed))
- Abort at initialization telegram because of defect HW
- R: TN switched off (inactive)
- C: - Remove multiple entry of a TN-no.;
- Check HW (PM16, BAM, cable)
- Configure CUP-FB up to version V2.3.3 such that update is started only by active TN
- DM: 7 Seg 'C'; DUST4 internal debug location
KFF (141CH; Offs. KD4ET3; Para. DUST4 data; TN-no.)
TN-no. of the already active token receiver or of the apparently inactive transmitter

141E Hex

05150 Dez

- E: Delivery of transmit authorization to a TN not contained in the ring attempted (N-Token to inactive TN)
Example: TN with already existing no. is connected to the ring after update
- R: TN switched off (inactive)
- C: Remove multiple entry of a TN no.
- DM: 7 Seg 'C'; DUST4 internal debug location
KFF (141EH; Offs. KD4ET3; Para. DUST4 data; TN no.)
TN-no. of the inactive token receiver

1420 Hex

05152 Dez

- E: Multiple establishing (exclusion) of a TN in (from) the logical token ring attempted (TN status to be set already existing)
or: de-activation of the PM16-BAM connection not permitted
- R: TN disabled (inactive)
- C: Remove multiple entry of a TN no.
- DM: 7 Seg 'C'; DUST4 internal debug location
KFF (1420H; Offs. KD4TN1; Para. DUST4 data; TN no.)
TN no. of the already active (inactive) token receiver

1422 Hex

05154 Dez

- E: Other status of the TN as expected by the whole ring (own TN status at Rx-TNL wrong)
- R: TN disabled (inactive)
- C: Remove multiple entry of a TN no.
- DM: 7 Seg 'C'; DUST4 internal debug location
KFF (1422H; Offs. KD4ET3; Para. DUST4 data; TN no.)

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- 1424 Hex 05156 Dez
E: transmitter of an obtained token is not in the token ring
(N-Token by inactive TN)
R: TN disabled (inactive)
C: Remove multiple entry of a TN no.
DM: 7 Seg 'C'; DUST4 internal debug location
KFF (1424H; Offs. KD4ET3; Para. DUST4 data; TN no.)
TN no. of the inactive transmitter
- 1426 Hex 05158 Dez
E: - TN no. is double entry (transmitter = receiver)
Note: This error cannot always be safely detected !
- The presence telegram is not recognized by the TN, which generates
the ring, the TN (to be established) re-transmits its initializing
telegram; if no response telegram is received within the TUZ,
then a "C" appears
R: TN becomes inactive; it no longer participates in bus operation
C: - Enter unique TN no.
- SW error in TN which builds up the ring
- HW error at both TN
DM: 7 Seg 'C'
KFF (1426H; Offs. KD4RX0; Para. DUST4 data; 0)
- 142A Hex 05162 Dez
E: No transport system name is configured on diagnosis FB
R: Diagnosis FB disabled
C: Diagnosis FB: connector CTS (must refer to a DUST4)
DM: 7 Seg 'C'
KFF (142AH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 142C Hex 05164 Dez
E: Configured TS does not exist or cannot be reached
via this PN
R: Diagnosis FB disabled
C: Repeat all configuring steps on PG
DM: 7 Seg 'C'
KFF (142CH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1440 Hex 05184 Dez
E: Calculated token circulation time (TUU) cannot be loaded into
the timer - value too large (TUU > 65535)
R: TN attempts to work with max. TUU (= 65535)
C: Reduce TN number and/or TTD in configuration
DM: 7 Seg 'C'
KFF (1440H; Offs. KD4TN2; Para. DUST4 data; integer(TUU/65536))

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- 1442 Hex 05186 Dez
E: No channel exists for the received telegram destination address
in this TN (e.g. at a broadcast)
R: Temporary error; receive telegram is discarded
C: Configure a telegram Rx-FB, specify the telegram destination address
at the connector AR
DM: DUST4 internal debug location (for diagnosis FB DD4)
- 1450 Hex 05200 Dez
E: State at Rx-telegram invalid/faulty
R: a) Temporary error;
received data telegram is discarded or
b) TN becomes inactive and is disabled (it cannot be
activated again (e.g. by KARUPD))
C: a) Check line on disturbances or
b) Inform SWE; see Chapter 1
DM: a) DUST4 internal debug location or
b) 7 Seg 'C'; DUST4 internal debug location
KFF (1450H; Offs. KD4FHL; Para. DUST4 data; orig. error code)
orig. error code is the error code given to KD4FHL
- 1462 Hex 05218 Dez
E: Adjusted timer function (TF) unknown
R: DUST4 is stopped; TN fails
C: Inform SWE; see Chapter 1
DM: 7 Seg 'C'
KFF (1462H; Offs. KD4T10; Para. DUST4 data; unknown timer function)
- 1464 Hex 05220 Dez
E: TN state at timer function DMV invalid
R: DUST4 is stopped; TN fails
C: Inform SWE; see Chapter 1
DM: 7 Seg 'C'
KFF (1464H; Offs. KD4T10; Para. DUST4 data; invalid TN-state)
- 1466 Hex 05222 Dez
E: TN state at timer function IVZ invalid
R: DUST4 is stopped; TN fails
C: Inform SWE; see Chapter 1
DM: 7 Seg 'C'
KFF (1466H; Offs. KD4T10; Para. DUST4 data; invalid TN-state)
- 1468 Hex 05224 Dez
E: TN state at timer function TUZ invalid
R: DUST4 is stopped; TN fails
C: Inform SWE; see Chapter 1
DM: 7 Seg 'C'
KFF (1468H; Offs. KD4T10; Para. DUST4 data; invalid TN-state)

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- 146A Hex 05226 Dez
E: TN state at timer function TUU invalid
R: DUST4 is stopped; TN fails
C: Inform SWE; see Chapter 1
DM: 7 Seg 'C'
KFF (146AH; Offs. KD4T10; Para. DUST4 data; invalid TN-state)
- 146C Hex 05228 Dez
E: TN state at timer function BAU invalid
R: DUST4 is stopped; TN fails
C: Inform SWE; see Chapter 1
DM: 7 Seg 'C'
KFF (146CH; Offs. KD4T10; Para. DUST4 data; invalid TN-state)
- 146E Hex 05230 Dez
E: TN state at timer function UAS invalid
R: DUST4 is stopped; TN fails
C: Inform SWE; see Chapter 1
DM: 7 Seg 'C'
KFF (146EH; Offs. KD4T10; Para. DUST4 data; invalid TN-state)
- 1470 Hex 05232 Dez
E: TN state at timer function TXC invalid
R: DUST4 is stopped; TN fails
C: Inform SWE; See chapter 1
DM: 7 Seg 'C'
KFF (1470H; Offs. KD4T10; Para. DUST4 data; invalid TN-state)
- 1472 Hex 05234 Dez
E: TN state at timer function TTD invalid
R: DUST4 is stopped; TN fails
C: Inform SWE; See chapter 1
DM: 7 Seg 'C'
KFF (1472H; Offs. KD4T10; Para. DUST4 data; invalid TN-state)
- 1478 Hex 05240 Dez
E: Macro KAMDEF_S_BEG supplied an incorrect job identifier
R: DUST4 is stopped; TN fails
C: Inform SWE; see Chapter 1
DM: 7 Seg 'C'
KFF (1478H; Offs. EM; Para. DUST4 data; wrong job identifier)

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147A Hex

05242 Dez

- E: Error at "Delivery receive Job" (Macro KAMDEF_E_BEG)
- a) Identifier of logical channel too large or
 - b) Multiple access to ADVE attempted or
 - c) DBE of ADE0 is (still) filled or
 - d) Received data quantity larger than DBE
- R: Temporary error; Rx-telegram is discarded
- C: a) Word 4 of KFF = 0041H, then:
inform SWE; see Chapter 1
- b) Word 4 of KFF = 0042H, then:
inform SWE; see Chapter 1
- c) DUST4 internal debug location counts higher, then:
adapt sampling time of Rx-FB to speed of TS and sampling time
of Tx-FB, i.e. reduce Rx sampling time
or increase Tx sampling time
- d) FB @CTT: connector LT <= FB @CRT: connector LT
- DM: a,b) 7 Seg 'C'
KFF (147AH; Offs. KD4ABE; Para. DUST4 data; KAMDEF_E_BEG-fct.val.)
- c) DUST4 internal debug location
- d) YTS = 7260 Hex (29280 Dec)

147C Hex

05244 Dez

- E: Error at "Close receive Job"
(Macro KAMDEF_E_END)
- a) Multiple access to ADVE attempted or
 - b) Logical channel is not tagged "active" (in ADVE)
- R: DUST4 is stopped; TN fails
- C: Inform SWE; see Chapter 1
- DM: 7 Seg 'C'
KFF (147CH; Offs. KD4ABE; Para. DUST4 data; KAMDEF_E_END-fct. value)

147E Hex

05246 Dez

- E: a) No token type for token telegram generation defined or
- b) The telegram type of an already transmitted telegram is unknown
to the transmitting TN
- R: DUST4 is stopped; TN fails
- C: Inform SWE; see Chapter 1
- DM: 7 Seg 'C'
a) KFF (147EH; Offs. KD4ST1; Para. DUST4 data; 0)
- b) KFF (147EH; Offs. KD4TN2; Para. DUST4 data; unknown telegram type)

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7.8 DUST 5 - Error

- 150E Hex 05390 Dez
E: Configured Tx channel number begins with blank
R: Abort DUST5 initialization
C: DUST5-KIB: connector NCT (enter number left justified)
DM: 7 Seg 'C'; local KML entry
KFF (150EH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 150F Hex 05391 Dez
E: Second character of a two figure Tx channel number
is no digit
R: Abort DUST5 initialization
C: DUST5-KIB: connector NCT = 0..99 (use only digits)
DM: 7 Seg 'C'; local KML entry
KFF (150FH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1510 Hex 05392 Dez
E: Configured number of Tx channels does not begin with digit
R: Abort DUST5 initialization
C: DUST5-KIB: connector NCT = 0..99 (use only digits)
DM: 7 Seg 'C'; local KML entry
KFF (1510H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1511 Hex 05393 Dez
E: Leading blank in configured baud rate
R: Abort DUST5 initialization
C: DUST5-KIB: connector BDR (enter baud rate left justified)
DM: 7 Seg 'C'; local KML entry
KFF (1511H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1512 Hex 05394 Dez
E: Leading zero in configured baud rate
R: Abort DUST5 initialization
C: DUST5-KIB: connector BDR (baud rate: 1st digit > 0)
DM: 7 Seg 'C'; local KML entry
KFF (1512H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1513 Hex 05395 Dez
E: Letter(s) in configured baud rate
R: Abort DUST5 initialization
C: DUST5-KIB: connector BDR (baud rate: only numerics allowed)
DM: 7 Seg 'C'; local KML entry
KFF (1513H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 1514 Hex 05396 Dez
E: Configured baud rate not in standard set of baud rates
R: Abort DUST5 initialization
C: DUST5-KIB: connector BDR = bbb
valid bbb = 300, 600, 1200, 2400, 4800, 9600
DM: 7 Seg 'C'; local KML entry
KFF (1514H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1515 Hex 05397 Dez
E: Leading blank in configured prompter interval
R: Abort DUST5 initialization
C: DUST5-KIB: connector TWU (enter prompter interval left justified)
DM: 7 Seg 'C'; local KML entry
KFF (1515H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1516 Hex 05398 Dez
E: Blank between 2 digits in configured prompter interval
R: Abort DUST5 initialization
C: DUST5-KIB: connector TWU (enter prompter interval without blanks)
DM: 7 Seg 'C'; local KML entry
KFF (1516H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1517 Hex 05399 Dez
E: Letter(s) in configured prompter interval
R: Abort DUST5 initialization
C: DUST5-KIB: connector TWU (baud rate: only numerics allowed)
DM: 7 Seg 'C'; local KML entry
KFF (1517H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 1518 Hex 05400 Dez
E: Invalid prompter interval (= 0 ms) configured
R: Abort DUST5 initialization
C: DUST5-KIB: connector TWU = 1...999 (min. 1 ms)
DM: 7 Seg 'C'; local KML entry
KFF (1518H; Offs. conf. name; Para. conf. name; Offs. ALE)

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7.9 PRK (Parallel Rack Connection) Errors

- 3100 Hex 12544 Dez
 F: Impermissible call code for the PRK Initialization
 R: Abort the initialization of the transport system
 A: Inform SWE; see Chapter 1
 AA: 7 Seg 'C'
 KFF (3100H; Offs. on KM name, segm. of the KM name, Offs. on KIB-ALE)
- 3101 Hex 12545 Dez
 E: Configured number of receive channels invalid
 R: Abort PRK initialization
 C: PRK-KIB: connector NCR = 0...9
 DM: 7 Seg 'C'
 KFF (3101H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3102 Hex 12546 Dez
 F: Error at GEME call
 R: Abort the initialization of the transport system
 A: - At BSSPVW_GEME-value = 3:
 channel number (connector NCH) reduction at the KIB-RKM
 - Otherwise: inform SWE; see Chapter 1
 AA: 7-Seg 'C'
 KFF (3102H; memory code, requested length, function value of GEME)
- 3103 Hex 12547 Dez
 F: Impermissible call code for the PRK initialization
 R: Abort the initialization of the transport system
 A: Inform SWE; see Chapter 1
 AA: 7-Seg 'C'
 KFF (3103H; Offs. on KM name, segm. of the KM name, offs. on KIB-ALE)
- 3104 Hex 12548 Dez
 F: Impermissible number of channels have been configured
 R: Abort the initialization of the transport system
 A: KIB rack link-slave (RKS): connector NCH = 0...255
 AA: 7-Seg 'C'
 KFF (3104H; Offs. on KM name, segm. of the KM name, Offs. on KIB-ALE)
- 3105 Hex 12549 Dez
 F: Error at GEME call
 R: Abort the initialization of the transport system
 A: - At BSSPVW_GEME-value = 3:
 channel number (connector NCH) is reduced at KIB-RKS
 - Otherwise: Inform SWE; see Chapter 1
 A: Re-configure,
 AA: 7-Seg 'C'
 KFF (3105H; memory code, requested length, function value of GEME)

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- 3106 Hex 12550 Dez
F: Error at ASOP call
R: Abort the initialization of the transport system
A: Inform SWE; see Chapter 1
AA: 7-Seg 'C'
KFF (3106H; memory code, irrelevant, function value of ASOP)
- 3107 Hex 12551 Dez
F: Configured conductor address is too long at the connector AT/AR
R: Started FB remains disabled
A: AT/AR configuring: maximum length <= 8 characters
AA: 7-Seg 'C'
KFF (3107H; offs. on FB name, segm. of FB name, offs. ALE start)
- 3108 Hex 12552 Dez
F: Multiple access to PZDVL has been attempted (semaphore could not be disabled)
R: Started FB remains disabled
A: Inform SWE; see Chapter 1
AA: 7-Seg 'C'
1. KFF (3108H; offset at TS structure, segment TS structure, 0)
2. KFF (3108H; offs. on FB name, segm. of FB name, offs. ALE start)
- 3109 Hex 12553 Dez
F: No free KVL has been found (FB number > channel number at KIB-RKM)
R: Started FB remains disabled
A: Configuring: channel number (connector NCH) must be increased at KIB-RKM or reduce FB number
AA: 7-Seg 'C'
KFF (3109H; offs. on FB name, segm. of FB name, offs. ALE start)
- 310A Hex 12554 Dez
F: Error at GEME call
R: Started FB remains disabled
A: - At BSSPVW_GEME-value = 3:
Reduce number of application data bytes (connector LT)
- Otherwise: inform SWE; see Chapter 1
AA: 7-Seg 'C'
1. KFF (310AH; memory code, requested length, function value of GEME)
2. KFF (310AH; offs. on FB name, segm. of FB name, offs. ALE start)
- 310B Hex 12555 Dez
F: Configured conduct address too long at connector AT/AR
R: Started FB remains disabled
A: AT/AR configuring: maximum length <= 8 characters
AA: 7-Seg 'C'
KFF (310BH; offs. on FB name, segm. of FB name, offs. ALE start)

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- 310C Hex 12556 Dez
F: Multiple access of PZDVL attempted (semaphore could not be disabled)
R: Started FB remains disabled
A: Inform SWE; see Chapter 1
AA: 7-Seg 'C'
1. KFF (310CH; offset on TS structure, segment TS structure, 0)
2. KFF (310CH; offs. on FB name, segm. of FB name, offs. ALE start)
- 310D Hex 12557 Dez
F: No free KVL has been found (FB number > channel number at KIB-RKS)
R: Started FB remains disabled
A: Configuring: channel number (connector NCH) must be raised at KIB-RKS or reduce the FB number
AA: 7-Seg 'C'
KFF (310DH; offs. on FB name, segm. of FB name, offs. ALE start)
- 310E Hex 12558 Dez
F: Error at GEME call
R: Started FB remains disabled
A: - At BSSPVW_GEME-value = 3:
Reduce the number of application data bytes (connector LT)
- Otherwise: inform SWE; see Chapter 1
AA: 7-Seg 'C'
1. KFF (310EH; memory code, requested length, function value GEME)
2. KFF (310EH; offs. on FB name, segm. of FB name, offs. ALE start)
- 310F Hex 12559 Dez
F: Invalid status of the KVL for a sequential call
R: The started FB remains disabled
A: Inform SWE; see Chapter 1
AA: 7-Seg 'C'
KFF (310FH; offs. on FB name, segm. of FB name, offs. ALE start)
- 3110 Hex 12560 Dez
E: No transmit address (name 1. name 2) configured
R: Started FB remains disabled
C: Tx-FB: connector AT - 'name1. name 2' (fill)
DM: 7-Seg 'C'; YTS
KFF (3110H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3111 Hex 12561 Dez
E: Name : 1st character is not an uppercase letter
R: Started FB remains disabled
C: Tx-FB: connector AT - 'name 1.name 2' (correct name 1)
DM: 7-Seg 'C'; YTS
KFF (3111H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 3112 Hex 12562 Dez
E: Name 1: character 2(...6) <> uppercase letter,
Digit or underscore
R: Started FB remains disabled
C: Tx-FB: connector AT - 'name 1. name 2' (correct name 1)
DM: 7-Seg 'C'; YTS
KFF (3112H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3113 Hex 12563 Dez
E: Period between name 1 and name 2 is missing
or name 1 is longer than 6 characters
R: Started FB remains disabled
C: Tx-FB: connector AT - 'name 1.name 2' (period after name1)
DM: 7-Seg 'C'; YTS
KFF (3113H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3114 Hex 12564 Dez
E: No receive address (name 2 at KASIL1) configured
R: Started FB remains disabled
C: Tx-FB: connector AT - 'name 1. name 2' (specify name 2)
Rx-FB: connector AR - 'name' (specify name)
DM: 7-Seg 'C'; YTS
KFF (3114H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3115 Hex 12565 Dez
E: Receive address (name 2 at KASIL1) longer than 6 characters
R: Started FB remains disabled
C: Tx-FB: connector AT - 'name 1. name 2' (name 2 max. 6 characters)
Rx-FB: connector AR - 'name' (name max. 6 characters)
DM: 7-Seg 'C'; YTS
KFF (3115H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3116 Hex 12566 Dez
E: Name (or name 2): 1st character is not uppercase letter
R: Started FB remains disabled
C: Tx-FB: connector AT - 'name 1. name 2' (correct name 2)
Rx-FB: connector AR - 'name' (correct name)
DM: 7-Seg 'C'; YTS
KFF (3116H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3117 Hex 12567 Dez
E: Name (or name2): character 2(...6) <> uppercase letter,
digit or underscore
R: Started FB remains disabled
C: Tx-FB: connector AT - 'name 1. name 2' (correct name 2)
Rx-FB: connector AR - 'name' (correct name)
DM: 7-Seg 'C'; YTS
KFF (3117H; Offs. conf. name; Para. conf. name; Offs. ALE)

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3118 Hex

12568 Dez

E: Configured receive address (name) multiply exists
R: Started FB remains disabled
C: Rx-FB: connector AR - 'name' (name must be unique)
DM: 7-Seg 'C'; YTS
KFF (3118H; Offs. conf. name; Para. conf. name; Offs. ALE)

3119 Hex

12569 Dez

E: No transport system is assigned to configured transmission address (name 1)
R: Started FB remains disabled
C: Tx-FB: connector AT - 'name 1. name 2' (check name 1)
DM: 7-Seg 'C'; YTS
KFF (3119H; Offs. conf. name; Para. conf. name; Offs. ALE)

311A Hex

12570 Dez

F: Configured FB in the CS21 rack not inverse to the FB in the CS11 rack
R: Started FB remains/is disabled
A: Configuring: CS11/CS21 rack: check FB
transmitter <---> receiver vice versa
AA: 7-Seg 'C'
KFF (311AH; Offs. to FB-Name, Segm. from FB-Name, Offs. ALE start)

311B Hex

12571 Dez

E: Number of transmission data items larger than receiving data area
R: Started FB remains disabled
C: FB @CTT: connector LT <= FB @CRT: connector LT
DM: 7-Seg 'C'; YTS
KFF (311BH; Offs. conf. name; Para. conf. name; Offs. ALE)

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7.10 PSK (Parallel Setpoint Cascade) Errors

- 3200 Hex 12800 Dez
E: More than 1 PSK transmit/receive channel configured
R: Abort PSK initialization
C: PSK-KIB: connectors NCT and NCR = 0 or 1
DM: 7-Seg 'C'
KFF (3200H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3201 Hex 12801 Dez
E: Neither PSK transmit nor receive channel configured
R: Abort PSK initialization
C: PSK-KIB: connectors NCT and/or NCR = 1
DM: 7-Seg 'C'
KFF (3201H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3202 Hex 12802 Dez
E: Versions of PSK_PL and KPSKIV are incompatible
R: Abort PSK initialization
C: Check SW versions
DM: 7-Seg 'C'
KFF (3202H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 320A Hex 12810 Dez
E: More than 1 transmit/receive-FB configured
R: First FB logs on, others remain logged off
C: Configure only one transmit/receive-FB
DM: 7-Seg 'C'; YTS
KFF (320AH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 320B Hex 12811 Dez
E: Tx- or Rx-FB exists,
but no assigned Tx- or Rx-channel configured
R: Started FB remains disabled
C: PSK-KIB: connector NCT or NCR = 1
DM: 7-Seg 'C'; YTS
KFF (320BH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 320C Hex 12812 Dez
E: Configured channel address invalid
R: Started FB remains disabled
C: Tx-/Rx-FB: connector AT or AR - ''
channel address must be empty or may contain only blanks
DM: 7-Seg 'C'; YTS
KFF (320CH; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 320D Hex 12813 Dez
E: Telegram frame length configured too large for PSK (> 61 Bytes)
R: Started FB remains disabled
C: Tx-telegram FB: connector LT - 1...61
DM: 7-Seg 'C'; YTS
KFF (320DH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3210 Hex 12816 Dez
E: Multiple access to the receive structure of PSK
R: Started FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; YTS
KFF (3210H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3223 Hex 12835 Dez
E: The transmitter transmits more data bytes than receiver can accept
(byte numbers too large)
R: Received telegram is discarded
C: FB @CTT: connector LT <= FB @CRT: connector LT
DM: PSK internal debug location with error counting
- 3224 Hex 12836 Dez
E: Telegram frame length = 0; transmission line error free
R: Temporary error;
system resumes normal operation after error
C: Check, if configuring correct
DM: PSK internal debug location
- 3225 Hex 12837 Dez
E: Telegram frame length = 0; transmission line faulty
R: Temporary error;
system resumes normal operation after error
C: Check, if configuring correct;
check transmission line and power supply
DM: PSK internal debug location
- 3270 Hex 12912 Dez
E: Multiple access to the transmission structure of PSK
R: Started FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; YTS
1st KFF (3270H; Para. KPSK ; Offs. APL ; Para. APL)
2nd KFF (3270H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3281 Hex 12929 Dez
E: PSK in break state (receiver not ready)
R: Waiting for break removal,
then return immediately to normal operation
C: Check transmission line
DM: PSK internal debug location with error counting;
YTS = 0242H (= 0578 Dec) <== see also error 0242H

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- 3282 Hex 12930 Dez
E: Transmission of an old telegram is still running, interrupt handling is still running
R: New transmission telegram fails
C: Increase sampling time of Tx-FB or reduce telegram length
DM: PSK internal debug location with error counting
if QTS = log 0: YTS = 0240 Hex (00576 Dec)
if QTS = log 1: YTS = 7180 Hex (29056 Dec)
- 3283 Hex 12931 Dez
E: Transmission of an old telegram is still running, but interrupt handling has finished; break criterion not reached
R: New transmission telegram fails
C: Increase sampling time of Tx-FB or reduce telegram length
DM: PSK internal debug location with error counting
if QTS = log 0: YTS = 0240 Hex (00576 Dec)
if QTS = log 1: YTS = 7180 Hex (29056 Dec)
- 3284 Hex 12932 Dez
E: Transmission of an old telegram is still running, but interrupt handling has finished; break criterion has been reached
R: Last transmission is interrupted and a new transmission started; in spite of running interrupt handling this occurs when the n-th transmission telegram is started (n = system constant)
C: Increase sampling time of Tx-FB or reduce telegram length
DM: PSK internal debug location with error counting
if QTS = log 0: YTS = 0240 Hex (00576 Dec)
if QTS = log 1: YTS = 7180 Hex (29056 Dec)
- 32A0 Hex 12960 Dez
E: Assigned receiver is not ready for receiving
R: Temporary error;
running transmission is aborted, transmitted telegram is discarded
C: Check cable length; check external voltage (24 V !);
check HW
DM: PSK-internal debug location with error counting
- 32A1 Hex 12961 Dez
E: Interrupt modus disabled, although a telegram is not yet completely transmitted (HW signal noise)
R: Partially transmitted telegram fails
C: Check HW (connection cables);
check external voltage (24 V !);
check noise immunity
DM: PSK internal debug location

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- 32C1 Hex 12993 Dez
E: No KPSK memory allocation,
because memory object identifier invalid
R: No initialization of PSK
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; local KML entry
KFF (32C1H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 32C2 Hex 12994 Dez
E: No KPSK-memory allocation,
because memory object identifier does not exist
R: No initialization of PSK
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; local KML entry
KFF (32C2H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 32C3 Hex 12995 Dez
E: No KPSK memory reservation possible,
local memory not large enough
R: No initialization of PSK
C: Re-configuring of other message/transport functions on several
processors, i.e. limitation of memory requirements in local RAM
DM: 7-Seg 'C'; local KML entry
KFF (32C3H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 32C4 Hex 12996 Dez
E: No KPSK-memory allocation,
because memory object is blocked
R: No initialization of PSK
C: Inform SWE; See chapter 1
DM: 7-Seg 'C'; local KML entry
KFF (32C4H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 32C5 Hex 12997 Dez
E: No KPSK-memory allocation,
because allocation mode invalid
R: No initialization of PSK
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; local KML entry
KFF (32C5H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 32D1 Hex 13009 Dez
E: No memory allocation for DBS,
because memory object identifier invalid
R: Started FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; PSK-internal debug location, YTS
KFF (32D1H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 32D2 Hex 13010 Dez
 E: No memory allocation for DBS,
 because memory object identifier does not exist
 R: Started FB remains disabled
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'; PSK-internal debug location, YTS
 KFF (32D2H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 32D3 Hex 13011 Dez
 E: No DBS memory reservation possible,
 local memory not large enough
 R: Started FB remains disabled
 C: Re-configuring of other message/transport functions on several
 processors, i.e. limitation of memory requirements in local RAM
 DM: 7-Seg 'C'; PSK-internal debug location, YTS
 KFF (32D3H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 32D4 Hex 13012 Dez
 E: No memory allocation for DBS,
 because memory object is blocked
 R: Started FB remains disabled
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'; PSK-internal debug location, YTS
 KFF (32D4H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 32D5 Hex 13013 Dez
 E: No memory allocation for DBS,
 because allocation mode invalid
 R: Started FB remains disabled
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'; PSK-internal debug location, YTS
 KFF (32D5H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 32E1 Hex 13025 Dez
 E: No memory allocation for DBE,
 because memory object identifier invalid
 R: Started FB remains disabled
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'; PSK-internal debug location, YTS
 KFF (32E1H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 32E2 Hex 13026 Dez
 E: No memory allocation for DBE,
 because memory object identifier does not exist
 R: Started FB remains disabled
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'; PSK-internal debug location, YTS
 KFF (32E2H; Offs. conf. name; Para. conf. name; Offs. ALE)

V 910115.310	7 Error codes
751042.txt	7.10 PSK (Parallel Setpoint Cascade) Errors
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32E3 Hex

13027 Dez

E: No DBE-memory reservation possible,
local memory not large enough
R: Started FB remains disabled
C: Re-configuring of other message/transport functions on several
processors, i.e. limitation of memory requirements in local RAM
DM: 7-Seg 'C'; PSK-internal debug location, YTS
KFF (32E3H; Offs. conf. name; Para. conf. name; Offs. ALE)

32E4 Hex

13028 Dez

E: No memory allocation for DBE,
because memory object is blocked
R: Started FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; PSK-internal debug location, YTS
KFF (32E4H; Offs. conf. name; Para. conf. name; Offs. ALE)

32E5 Hex

13029 Dez

E: No memory allocation for DBE,
because allocation mode invalid
R: Started FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; PSK-internal debug location, YTS
KFF (32E5H; Offs. conf. name; Para. conf. name; Offs. ALE)

V 910115.310 751042.txt 30.11.92	7 Error codes 7.11 MMC - Transport System Errors
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7.11 MMC - Transport System Errors

- 3310 Hex 13072 Dez
 E: No memory allocation for MCDS,
 because of error BSSPVW_GEME
 R: Abort initialization MMC transport system
 C: - BSSPVW_GEME-value = 3: limit memory requirements
 in requested memory object
 - Otherwise: inform SWE; see Chapter 1
 DM: 7-Seg 'C'; local KML entry
 KFF (3310H; length MCDS; memory identifier; BSSPVW_GEME-fct. val.)
- 3320 Hex 13088 Dez
 E: No memory allocation for MMC intermediate buffer (ZP),
 because of error BSSPVW_GEME
 R: Started FB remains disabled
 C: - BSSPVW_GEME-value = 3: limit memory requirements in
 requested memory object by re-configuring, e.g. reduce
 number of channels and/or telegram length;
 - Otherwise: inform SWE; see Chapter 1
 DM: 7-Seg 'C'; YTS
 1st KFF (3320H; length MMC-ZP; memory identif.; BSSPVW_GEME-fct. val.)
 2nd KFF (3320H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3321 Hex 13089 Dez
 E: Configured channel address is too long (> 8 character)
 R: Started FB remains disabled
 C: Tx-/Rx-FB: connector AT or AR (name <= 8 character)
 DM: 7-Seg 'C'; YTS
 KFF (3321H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3322 Hex 13090 Dez
 E: Too many data bytes for configured operation mode
 R: Started FB remains disabled
 C: Tx-/Rx-telegram FB: connector LT
 operation mode "Refresh" : max. 16 Bytes
 operation mode "Handshake": max. 512 Bytes
 DM: 7-Seg 'C'; YTS
 KFF (3322H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3324 Hex 13092 Dez
 E: Too much FB (channels) configured (> 60)
 R: Started FB remains disabled
 C: Adapt configuring
 DM: 7-Seg 'C'; YTS
 KFF (3324H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 3330 Hex 13104 Dez
E: No connection SimD-Tx --> MMC-Rx possible,
because of missing channel initialization
R: Started FB remains disabled
C: Provide MMC-channel for SimD-channel
DM: 7-Seg 'C'; YTS
KFF (3330H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3331 Hex 13105 Dez
E: Incorrect connection SimD-Tx --> MMC-Rx,
because MMC is not in the operation mode "Refresh"
R: Started FB remains disabled
C: Adapt operation mode MMC-channel and SimD-channel
DM: 7-Seg 'C'; YTS
KFF (3331H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3332 Hex 13106 Dez
E: Incorrect connection SimD-Tx --> MMC-Rx,
because of different telegram length
R: Started FB remains disabled
C: Adapt telegram length MMC-channel and SimD-channel
DM: 7-Seg 'C'; YTS
KFF (3332H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3333 Hex 13107 Dez
E: Combination of errors 3331 Hex and 3332 Hex
DM: 7-Seg 'C'; YTS
KFF (3333H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3334 Hex 13108 Dez
E: Incorrect connection SimD-Tx --> MMC-Tx,
because MMC offers a transmitter instead of a receiver
R: Started FB remains disabled
C: Modify MMC-channel to "Receive"
DM: 7-Seg 'C'; YTS
KFF (3334H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3335 Hex 13109 Dez
E: Combination of errors 3331 Hex and 3334 Hex
DM: 7-Seg 'C'; YTS
KFF (3335H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3336 Hex 13110 Dez
E: Combination of errors 3332 Hex and 3334 Hex
DM: 7-Seg 'C'; YTS
KFF (3336H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3337 Hex 13111 Dez
E: Combination of errors 3331 Hex, 3332 Hex and 3334 Hex
DM: 7-Seg 'C'; YTS
KFF (3337H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 3338 Hex 13112 Dez
E: Incorrect connection SimD-Tx --> MMC-Rx,
because of multiple channel address configuring
R: Started FB remains disabled
C: Tx-FB: connector AT (use channel addr. only once)
DM: 7-Seg 'C'; YTS
KFF (3338H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3339 Hex 13113 Dez
E: Combination of errors 3331 Hex and 3338 Hex
DM: 7-Seg 'C'; YTS
KFF (3339H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 333A Hex 13114 Dez
E: Combination of errors 3332 Hex and 3338 Hex
DM: 7-Seg 'C'; YTS
KFF (333AH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 333B Hex 13115 Dez
E: Combination of errors 3331 Hex, 3332 Hex and 3338 Hex
DM: 7-Seg 'C'; YTS
KFF (333BH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 333C Hex 13116 Dez
E: Combination of errors 3334 Hex and 3338 Hex
DM: 7-Seg 'C'; YTS
KFF (333CH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 333D Hex 13117 Dez
E: Combination of errors 3331 Hex, 3334 Hex and 3338 Hex
DM: 7-Seg 'C'; YTS
KFF (333DH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 333E Hex 13118 Dez
E: Combination of errors 3332 Hex, 3334 Hex and 3338 Hex
DM: 7-Seg 'C'; YTS
KFF (333EH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 333F Hex 13119 Dez
E: Combination of errors 3331 Hex, 3332 Hex, 3334 Hex and
3338 Hex
DM: 7-Seg 'C'; YTS
KFF (333FH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3340 Hex 13120 Dez
E: No connection SimD-Tx --> MMC-Rx possible,
because of missing channel initialization
R: Started FB remains disabled
C: Provide MMC-channel for SimD-channel
DM: 7-Seg 'C'; YTS
KFF (3340H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 3341 Hex 13121 Dez
E: Incorrect connection SimD-Tx --> MMC-Rx,
because MMC is not in the operation mode "Handshake"
R: Started FB remains disabled
C: Adapt operation mode MMC-channel and SimD-channel
DM: 7-Seg 'C'; YTS
KFF (3341H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3342 Hex 13122 Dez
E: Incorrect connection SimD-Tx --> MMC-Rx,
because of different telegram lengths
R: Started FB remains disabled
C: Adapt telegram length MMC-channel and SimD-channel
DM: 7-Seg 'C'; YTS
KFF (3342H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3343 Hex 13123 Dez
E: Combination of errors 3341 Hex and 3342 Hex
DM: 7-Seg 'C'; YTS
KFF (3343H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3344 Hex 13124 Dez
E: Incorrect connection SimD-Tx --> MMC-Tx,
because MMC offers a transmitter instead of a receiver
R: Started FB remains disabled
C: Adjust MMC-channel to "Receive"
DM: 7-Seg 'C'; YTS
KFF (3344H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3345 Hex 13125 Dez
E: Combination of errors 3341 Hex and 3344 Hex
DM: 7-Seg 'C'; YTS
KFF (3345H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3346 Hex 13126 Dez
E: Combination of errors 3342 Hex and 3344 Hex
DM: 7-Seg 'C'; YTS
KFF (3346H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3347 Hex 13127 Dez
E: Combination of errors 3341 Hex, 3342 Hex and 3344 Hex
DM: 7-Seg 'C'; YTS
KFF (3347H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3348 Hex 13128 Dez
E: Incorrect connection SimD-Tx --> MMC-Rx,
because of multiple channel address configuring
R: Started FB remains disabled
C: Tx-FB: connector AT (use channel addr. only once)
DM: 7-Seg 'C'; YTS
KFF (3348H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 3349 Hex 13129 Dez
E: Combination of errors 3341 Hex and 3348 Hex
DM: 7-Seg 'C'; YTS
KFF (3349H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 334A Hex 13130 Dez
E: Combination of errors 3342 Hex and 3348 Hex
DM: 7-Seg 'C'; YTS
KFF (334AH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 334B Hex 13131 Dez
E: Combination of errors 3341 Hex, 3342 Hex and 3348 Hex
DM: 7-Seg 'C'; YTS
KFF (334BH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 334C Hex 13132 Dez
E: Combination of errors 3344 Hex and 3348 Hex
DM: 7-Seg 'C'; YTS
KFF (334CH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 334D Hex 13133 Dez
E: Combination of errors 3341 Hex, 3344 Hex and 3348 Hex
DM: 7-Seg 'C'; YTS
KFF (334DH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 334E Hex 13134 Dez
E: Combination of errors 3342 Hex, 3344 Hex and 3348 Hex
DM: 7-Seg 'C'; YTS
KFF (334EH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 334F Hex 13135 Dez
E: Combination of errors 3341 Hex, 3342 Hex, 3344 Hex and 3348 Hex
DM: 7-Seg 'C'; YTS
KFF (334FH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3350 Hex 13136 Dez
E: No connection SimD-Rx --> MMC-Tx possible, because of missing channel initialization
R: Started FB remains disabled
C: Provide MMC-channel for SimD-channel
DM: 7-Seg 'C'; YTS
KFF (3350H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3351 Hex 13137 Dez
E: Incorrect connection SimD-Rx --> MMC-Tx, because MMC is not in the operation mode "Refresh"
R: Started FB remains disabled
C: Adapt operation mode MMC-channel and SimD-channel
DM: 7-Seg 'C'; YTS
KFF (3351H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 3352 Hex 13138 Dez
E: Incorrect connection SimD-Rx --> MMC-Tx,
because of different telegram lengths
R: Started FB remains disabled
C: adapt telegram length MMC-channel and SimD-channel
DM: 7-Seg 'C'; YTS
KFF (3352H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3353 Hex 13139 Dez
E: Combination of errors 3351 Hex and 3352 Hex
DM: 7-Seg 'C'; YTS
KFF (3353H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3354 Hex 13140 Dez
E: Incorrect connection SimD-Rx --> MMC-Rx,
because MMC offers a receiver instead of a transmitter
R: Started FB remains disabled
C: Adjust MMC-channel to "Transmit"
DM: 7-Seg 'C'; YTS
KFF (3354H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3355 Hex 13141 Dez
E: Combination of errors 3351 Hex and 3354 Hex
DM: 7-Seg 'C'; YTS
KFF (3355H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3356 Hex 13142 Dez
E: Combination of errors 3352 Hex and 3354 Hex
DM: 7-Seg 'C'; YTS
KFF (3356H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3357 Hex 13143 Dez
E: Combination of errors 3351 Hex, 3352 Hex and 3354 Hex
DM: 7-Seg 'C'; YTS
KFF (3357H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3358 Hex 13144 Dez
E: Incorrect connection SimD-Rx --> MMC-Tx,
because of multiple channel address configuring
R: Started FB remains disabled
C: Rx-FB: connector AR (use channel addr. only once)
DM: 7-Seg 'C'; YTS
KFF (3358H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3359 Hex 13145 Dez
E: Combination of errors 3351 Hex and 3358 Hex
DM: 7-Seg 'C'; YTS
KFF (3359H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 335A Hex 13146 Dez
E: Combination of errors 3352 Hex and 3358 Hex
DM: 7-Seg 'C'; YTS
KFF (335AH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 335B Hex 13147 Dez
E: Combination of errors 3351 Hex, 3352 Hex and 3358 Hex
DM: 7-Seg 'C'; YTS
KFF (335BH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 335C Hex 13148 Dez
E: Combination of errors 3354 Hex and 3358 Hex
DM: 7-Seg 'C'; YTS
KFF (335CH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 335D Hex 13149 Dez
E: Combination of errors 3351 Hex, 3354 Hex and 3358 Hex
DM: 7-Seg 'C'; YTS
KFF (335DH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 335E Hex 13150 Dez
E: Combination of errors 3352 Hex, 3354 Hex and 3358 Hex
DM: 7-Seg 'C'; YTS
KFF (335EH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 335F Hex 13151 Dez
E: Combination of errors 3351 Hex, 3352 Hex, 3354 Hex and 3358 Hex
DM: 7-Seg 'C'; YTS
KFF (335FH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3360 Hex 13152 Dez
E: No connection SimD-Rx --> MMC-Tx possible,
because of missing channel initialization
R: Started FB remains disabled
C: Provide MMC-channel for SimD-channel
DM: 7-Seg 'C'; YTS
KFF (3360H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3361 Hex 13153 Dez
E: Incorrect connection SimD-Rx --> MMC-Tx,
because MMC is not in the operation mode "Handshake"
R: Started FB remains disabled
C: Adapt operation mode MMC-channel and SimD-channel
DM: 7-Seg 'C'; YTS
KFF (3361H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 3362 Hex 13154 Dez
E: Incorrect connection SimD-Rx --> MMC-Tx,
because of different telegram lengths
R: Started FB remains disabled
C: Adapt telegram length MMC-channel and SimD-channel
DM: 7-Seg 'C'; YTS
KFF (3362H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3363 Hex 13155 Dez
E: Combination of errors 3361 Hex and 3362 Hex
DM: 7-Seg 'C'; YTS
KFF (3363H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3364 Hex 13156 Dez
E: Incorrect connection SimD-Rx --> MMC-Rx,
because MMC offers a receiver instead of a transmitter
R: Started FB remains disabled
C: Adjust MMC-channel to "Transmit"
DM: 7-Seg 'C'; YTS
KFF (3364H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3365 Hex 13157 Dez
E: Combination of errors 3361 Hex and 3364 Hex
DM: 7-Seg 'C'; YTS
KFF (3365H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3366 Hex 13158 Dez
E: Combination of errors 3362 Hex and 3364 Hex
DM: 7-Seg 'C'; YTS
KFF (3366H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3367 Hex 13159 Dez
E: Combination of errors 3361 Hex, 3362 Hex and 3364 Hex
DM: 7-Seg 'C'; YTS
KFF (3367H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3368 Hex 13160 Dez
E: Incorrect connection SimD-Rx --> MMC-Tx,
because of multiple channel address configuring
R: Started FB remains disabled
C: Rx-FB: connector AR (use channel addr. only once)
DM: 7-Seg 'C'; YTS
KFF (3368H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3369 Hex 13161 Dez
E: Combination of errors 3361 Hex and 3368 Hex
DM: 7-Seg 'C'; YTS
KFF (3369H; Offs. conf. name; Para. conf. name; Offs. ALE)

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336A Hex 13162 Dez
E: Combination of errors 3362 Hex and 3368 Hex
DM: 7-Seg 'C'; YTS
KFF (336AH; Offs. conf. name; Para. conf. name; Offs. ALE)

336B Hex 13163 Dez
E: Combination of errors 3361 Hex, 3362 Hex and 3368 Hex
DM: 7-Seg 'C'; YTS
KFF (336BH; Offs. conf. name; Para. conf. name; Offs. ALE)

336C Hex 13164 Dez
E: Combination of errors 3364 Hex and 3368 Hex
DM: 7-Seg 'C'; YTS
KFF (336CH; Offs. conf. name; Para. conf. name; Offs. ALE)

336D Hex 13165 Dez
E: Combination of errors 3361 Hex, 3364 Hex and 3368 Hex
DM: 7-Seg 'C'; YTS
KFF (336DH; Offs. conf. name; Para. conf. name; Offs. ALE)

336E Hex 13166 Dez
E: Combination of errors 3362 Hex, 3364 Hex and 3368 Hex
DM: 7-Seg 'C'; YTS
KFF (336EH; Offs. conf. name; Para. conf. name; Offs. ALE)

336F Hex 13167 Dez
E: Combination of errors 3361 Hex, 3362 Hex, 3364 Hex and
3368 Hex
DM: 7-Seg 'C'; YTS
KFF (336FH; Offs. conf. name; Para. conf. name; Offs. ALE)

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7.12 Device Reaction - Transport system - Error

- 3401 Hex 13313 Dez
E: Basic error value for KSIGER (TS initialization)
R: Starting FB remains disabled
DM: 7-Seg 'C'
- 3402 Hex 13314 Dez
E: Error calling BSSPVW_GEME
R: Starting FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (3402H; GEME length; memory identifier; BSSPVW_GEME fct. value)
- 3410 Hex 13328 Dez
E: Basic error value for KAIPZD (initialization)
R: Starting FB remains disabled
DM: 7-Seg 'C'
- 3411 Hex 13329 Dez
E: Temporary buffer (ZP) cannot be provided
R: Starting FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (3411H; ZP length; memory identifier; BSSPVW_GEME fct. value)
- 3412 Hex 13330 Dez
E: Channel address too long (only 1 character valid)
R: Starting FB remains disabled
C: Tx-/Rx-FB: change connector AT or AR
DM: 7-Seg 'C'
KFF (3412H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3413 Hex 13331 Dez
E: Invalid channel address (only 0 or 1 valid)
R: Starting FB remains disabled
C: Tx-/Rx-FB: change connector AT or AR
DM: 7-Seg 'C'
KFF (3413H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3414 Hex 13332 Dez
E: Invalid user data length (=< 32 Bytes)
R: Starting FB remains disabled
C: Tx-/Rx-FB: connector LT (=< 32 characters)
DM: 7-Seg 'C'
KFF (3414H; Offs. conf. name; Para. conf. name; Offs. ALE)

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3415 Hex

13333 Dez

E: Process data channel already configured
R: Starting FB remains disabled
C: Change configuring
DM: 7-Seg 'C'
KFF (3415H; Offs. conf. name; Para. conf. name; Offs. ALE)

3416 Hex

13334 Dez

E: No access to management list PTVL possible
R: Starting FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (3416H; Offs. conf. name; Para. conf. name; Offs. ALE)

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7.13 SINEC H1 - Transport System - Error

- 3500 Hex 13568 Dez
 E: Cause of error
 R: Reaction of system
 C: Correction
 DM: Display message
 KFF (3500H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3511 Hex 13585 Dez
 E: Configured number of transmit channels invalid
 R: Transport system SINH1 is not initialized
 C: Correction: 0 =< number =< 255
 DM: 7-Seg 'C'
 KFF (3500H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3512 Hex 13586 Dez
 E: Configured number of receive channels invalid
 R: Transport system SINH1 is not initialized
 C: Correction: 0 =< number =< 255
 DM: 7-Seg 'C'
 KFF (3500H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3513 Hex 13587 Dez
 E: Structure KADS could not be provided
 R: Transport system SINH1 is not initialized
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (3500H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3531 Hex 13617 Dez
 E: No memory available in dual port RAM
 R: Starting FB remains disabled
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (3531H; GEME length; memory identifier; BSSPVW_GEME fct. val.)
- 3532 Hex 13618 Dez
 E: No telegram FB entered in list CPBCM (comm.-descript.-seg.)
 R: Starting FB remains disabled
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (3532H; Offs. conf. name; Para. conf. name; Offs. ALE)

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751042.txt	7.13 SINEC H1 - Transport System - Error
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- 3533 Hex 13619 Dez
E: Configured number of transmitters/receivers, with reference to this central block, is invalid
R: Starting FB remains disabled
C: Correction: 1 =< number transmitters/receivers =< 99
DM: 7-Seg 'C'
KFF (3533H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3534 Hex 13620 Dez
E: Address entry missing at AT/AR connector
R: Starting FB remains disabled
C: Make entry at AT/AR
DM: 7-Seg 'C'
KFF (3534H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3535 Hex 13621 Dez
E: Incorrect application relation in AT/AR entry
R: Starting FB remains disabled
C: Correct entry at AT/AR
DM: 7-Seg 'C'
KFF (3535H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3536 Hex 13622 Dez
E: Name of variable at AT/AR incorrect
R: Starting FB remains disabled
C: Correct entry at AT/AR
DM: 7-Seg 'C'
KFF (3536H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3537 Hex 13623 Dez
E: Configuring AR - "TIME" with incorrect block
R: Starting FB remains disabled
C: AR - "TIME" only at CRD401
DM: 7-Seg 'C'
KFF (3537H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3538 Hex 13624 Dez
E: Service is not implemented (rec. KFB with MOD-0)
R: Starting FB remains disabled
C: Correction at connector MOD
DM: 7-Seg 'C'
KFF (3538H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3539 Hex 13625 Dez
E: Connector attribute could not be provided
R: Starting FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (3539H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 353A Hex 13626 Dez
E: Invalid initialization buffer status
(incorrect operation of CSH1 firmware)
R: Starting FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (353AH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 353B Hex 13627 Dez
E: Access blocked (multiple access to ADVE/S)
R: Starting FB will be disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (353BH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 353C Hex 13628 Dez
E: Inquiry function (AMPI_AFPV) incorrect
R: Starting FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (353CH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 353E Hex 13630 Dez
F: Configured address AT/AR too short
R: Started FB remains disabled
A: Correct AT/AR address
AA: 7-Seg 'C'
KFF (353EH; offs. proj. name; Para. proj. name; Offs. ALE)
- 353F Hex 13631 Dez
F: Configured AT/AR: protocol level fault
R: Started FB remains disabled
A: Permissible entries: 2, 4, 7
AA: 7-Seg 'C'
KFF (353FH; Offs. proj. name; Para. proj. name; Offs. ALE)
- 3540 Hex 13632 Dez
F: Configured AT/AR: dot missing behind protocol information
R: Started FB remains disabled
A: Correct AT/AR address
AA: 7-Seg 'C'
KFF (3540H; Offs. proj. name; Para. proj. name; Offs. ALE)
- 3541 Hex 13633 Dez
F: Configured AT/AR: level 4 connection name false
R: Started FB remains disabled
A: Permissible: 1 = < Length connection name = < 8
AA: 7-Seg 'C'
KFF (3541H; Offs. proj. name; Para. proj. name; Offs. ALE)

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- 3542 Hex 13634 Dez
F: Configured AT: level to Ethernet address false
R: Started FB remains disabled
A: The Ethernet address consists of 12 hexa decimal digits
AA: 7-Seg 'C'
KFF (3542H; Offs. proj. name; Para. proj. name; Offs. ALE)
- 3543 Hex 13635 Dez
F: Configured AT: dot missing behind the Ethernet address
R: Started FB remains disabled
A: Correct the entry at AT
AA: 7-Seg 'C'
KFF (3543H; Offs. proj. name; Para. proj. name; Offs. ALE)
- 3544 Hex 13636 Dez
F: Configured AT: remote LSAP false
R: Started FB remains disabled
A: The LSAP consists of 2 hexa decimal digits
AA: 7-Seg 'C'
KFF (3544H; Offs. proj. name; Para. proj. name; Offs. ALE)
- 3545 Hex 13637 Dez
F: Configured AR: local LSAP false
R: Started FB remains disabled
A: The LSAP consists of hexa decimal digits
AA: 7-Seg 'C'
KFF (3545H; Offs. proj. name; Para. proj. name; Offs. ALE)
- 3546 Hex 13638 Dez
F: Configured AT/AR: level 2 length address false
R: Started FB remains disabled
A: Correct the information at AT/AR
AA: 7-Seg 'C'
KFF (3546H; Offs. proj. name; Para. proj. name; Offs. ALE)
- 3550 Hex 13648 Dez
E: Too many channels
R: Starting FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (3550H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 3551 Hex 13649 Dez
E: KADS error at chaninit_ind
R: Starting FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (3550H; Offs. conf. name; Para. conf. name; Offs. ALE)

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3552 Hex 13650 Dez
E: KADS error at chaninit_rsp
R: Starting FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (3550H; Offs. conf. name; Para. conf. name; Offs. ALE)

3553 Hex 13651 Dez
E: KADS error at kadsinit
R: Starting FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (3550H; Offs. conf. name; Para. conf. name; Offs. ALE)

3554 Hex 13652 Dez
E: No memory for ITGR
R: Starting FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (3550H; Offs. conf. name; Para. conf. name; Offs. ALE)

3555 Hex 13653 Dez
E: No memory for TZPR
R: Starting FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (3550H; Offs. conf. name; Para. conf. name; Offs. ALE)

3557 Hex 13655 Dez
E: Unknown op code in ITGR
R: Starting FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (3550H; Offs. conf. name; Para. conf. name; Offs. ALE)

3558 Hex 13656 Dez
E: Unknown data type in ITGR
R: Starting FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (3550H; Offs. conf. name; Para. conf. name; Offs. ALE)

3559 Hex 13657 Dez
E: Number of data of OS incorrect
R: Starting FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (3550H; Offs. conf. name; Para. conf. name; Offs. ALE)

V 910115.310	7 Error codes
751042.txt	7.13 SINEC H1 - Transport System - Error
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- 355A Hex 13658 Dez
E: Telegram is not justified
R: Starting FB remains disabled
C: Transmitters/receivers, with reference to central block, must enter their data into the telegram buffer (connectors PFP, PFB) without blanks
DM: 7-Seg 'C'
KFF (3550H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 355B Hex 13659 Dez
E: Name too long in ITGR
R: Starting FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (3550H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 355C Hex 13660 Dez
E: Incorrect block number
R: Starting FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (3550H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 355D Hex 13661 Dez
E: Telegram only permitted once
R: Starting FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (3550H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 355E Hex 13662 Dez
E: Too many blocks in telegram
R: Starting FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (3550H; Offs. conf. name; Para. conf. name; Offs. ALE)

V 910115.310 751042.txt 30.11.92	7 Error codes 7.14 Parallel Links (General) - Error
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7.14 Parallel Links (General) - Error

- 3600 Hex 13824 Dez
F: Basic error value for KASPZD
R: Started FB remains disabled
AA: 7-Seg 'C'
- 3601 Hex 13825 Dez
F: Error in buffer administration (channel management)
R: Started FB remains disabled
A: Report to SWE; see Chapter 1
AA: 7-Seg 'C'
KFF (3601H; Offs. proj. name; Para. proj. name; Offs. ALE)
- 3602 Hex 13826 Dez
F: Error in buffer administration (channel management)
R: Started FB remains disabled
A: Report to SWE; see Chapter 1
AA: 7-Seg 'C'
KFF (3602H; Offs. proj. name; Para. proj. name; Offs. ALE)
- 3603 Hex 13827 Dez
F: Impermissible value in the status buffer for (channel management)
R: Started FB remains disabled
A: Report to SWE; see Chapter 1
AA: 7-Seg 'C'
KFF (3603H; Offs. proj. name; Para. proj. name; Offs. ALE)
- 3610 Hex 13840 Dez
F: Basic error value for KAEPZD
R: Started FB remains disabled
AA: 7-Seg 'C'
- 3611 Hex 13841 Dez
F: Error in buffer administration (channel management)
R: Started FB remains disabled
A: Report to SWE; see Chapter 1
AA: 7-Seg 'C'
KFF (36011H; Offs. proj. name; Para. proj. name; Offs. ALE)
- 3612 Hex 13842 Dez
F: Error in buffer administration (channel management)
R: Started FB remains disabled
A: Report to SWE; see Chapter 1
AA: 7-Seg 'C'
KFF (36012H; Offs. proj. name; Para. proj. name; Offs. ALE)

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3613 Hex

13843 Dez

F: Impermissible value in the status buffer for (channel management)

R: Started FB remains disabled

A: Report to SWE; see Chapter 1

AA: 7-Seg 'C'

KFF (3613H; Offs. proj. name; Para. proj. name; Offs. ALE)

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7.15 COROS Error from the Transport System and Function Module

- 3701 Hex 14081 Dez
F: No transport system
R: No communication possible
A: Configured transport system COROS
AA: 7-Seg 'C', local KML entry
KFF (3701H; Offs. proj. name; Para. proj. name; Offs. ALE)
- 3702 Hex 14082 Dez
F: No memory allocation,
due to error of the BSSPW_GEME
R: No communication possible
A: - For the BSSPVW_GEME-value = 3: restrict the memory
requirements of the requested memory element
- Otherwise: inform SWE; see Chapter 1
AA: 7-Seg 'C'; local KML entry
KFF (3702H; length; memory code; BSSPVW_GEME-function value)
- 3703 Hex 14083 Dez
F: Transport system search unsuccessful
R: Function module remains disabled
A: @cor-FB: connector CTS (check configured name)
AA: 7-Seg 'C', YTS
KFF (3703H; Offs. proj. name; Para. proj. name; Ret. SDKIFUNC_KIINFO)
- 3704 Hex 14084 Dez
F: Transport system name at the CTS connector invalid
R: Function module remains disabled
A: @cor-FB: connector CTS (check configured name)
AA: 7-Seg 'C', YTS
KFF (3704H; Offs. proj. name; Para. proj. name; SDKI_KML_TYP)
- 3705 Hex 14085 Dez
F: Address definition at the receive FB, for curves or messages,
('K:', 'M:') impermissible;
R: Abort the KA routine
A: Modify configuring!
a) Exchange receiver for transmitter
b) Modify receive address to 'V:'
AA: 7-Seg 'C', YTS
KFF (3705H; Offs. proj. name; Para. proj. name; Offs. ALE)
- 3706 Hex 14086 Dez
F: Address definition faulty;
At 'K:' AT information false
R: Abort the KA routine
A: Correct the AT connector syntax
AA: 7-Seg 'C', YTS
KFF (3706H; Offs. proj. name; Para. proj. name; Offs. ALE)

V 910115.310 751042.txt 30.11.92	7 Error codes 7.15 COROS Error from the Transport System and Function Modu
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- 3707 Hex 14087 Dez
F: Mode of operation impermissible;
Only overwrite mode permitted for 'V:'
R: Abort the KA routine
A: Modify configuring (MOD connector)
AA: 7-Seg 'C', YTS
KFF (3707H; Offs. proj. name; Para. proj. name; Offs. ALE)
- 3708 Hex 14088 Dez
F: Address definition faulty;
Range number or cycle illegal for 'V:'
R: Abort the KA routine
A: Correct the AT/AR connector syntax
AA: 7-Seg 'C', YTS
KFF (3708H; Offs. proj. name; Para. proj. name; Offs. ALE)
- 3709 Hex 14089 Dez
F: Address definition faulty;
Range > 65535 or cycle > 2500 ms for 'V:'
R: Abort the KA routine
A: Correct the range or cycle time at the AT/AR connector
AA: 7-Seg 'C', YTS
KFF (3709H; Offs. proj. name; Para. proj. name; Offs. ALE)
- 370A Hex 14090 Dez
F: Data length for the visualization data or curves is uneven
R: Abort the KA routine
A: Modify configuring (length must be an even number)
a) KFB-Type with word length
b) LT definition
AA: 7-Seg 'C', YTS
KFF (370AH; Offs. proj. name; Para. proj. name; Offs. ALE)
- 370C Hex 14092 Dez
F: Length of the data pool for visualization data or
curves are too large
R: Abort the KA routine
A: Correct configuring
a) Other KFB-Type
b) LT definition
AA: 7-Seg 'C', YTS
KFF (370CH; Offs. proj. name; Para. proj. name; Offs. ALE)
- 370D Hex 14093 Dez
F: Address definition faulty;
AT/AR connector length smaller than 2
R: Abort the KA routine
A: Complete the AT/AR connector
AA: 7-Seg 'C', YTS
KFF (370DH; Offs. proj. name; Para. proj. name; Offs. ALE)

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- 370E Hex 14094 Dez
F: Address definition faulty;
Second character in the AT/AR not equal to ':'
R: Abort the KA routine
A: Correct the configuring
AA: 7-Seg 'C', YTS
KFF (370EH; Offs. proj. name; Para. proj. name; Offs. ALE)
- 370F Hex 14095 Dez
F: Address definition faulty;
AT/AR not 'V:', 'K:' or 'M:'
R: Abort the KA routine
A: Correct the configuring
AA: 7-Seg 'C', YTS
KFF (370FH; Offs. proj. name; Para. proj. name; Offs. ALE)
- 3710 Hex 14096 Dez
F: Search for the transport system unsuccessful
R: Abort the KA routine
A: Connector CTS (check configured name)
AA: 7-Seg 'C', YTS
KFF (3710H; Offs. proj. name; Para. proj. name; Offs. ALE)
- 3711 Hex 14097 Dez
F: For the visualization data ('V:') type unknown or inconsistent
R: Abort the KA routine
A: Check configuring: connector type of same type
AA: 7-Seg 'C', YTS
KFF (3711H; Offs. proj. name; Para. proj. name; Offs. ALE)
- 3712 Hex 14098 Dez
F: Available C bus memory too small for
curves, messages ('K:', 'M:')
R: Abort the KA routine
A: Reduce the C bus memory requirements
AA: 7-Seg 'C', YTS
KFF (3712H; Offs. proj. name; Para. proj. name; Offs. ALE)
- 3713 Hex 14099 Dez
F: Second @COR configured for one V.P.
R: Function module remains disabled
A: Modify configuring (delete one @cor)
AA: 7-Seg 'C', YTS
KFF (3713H; Offs. proj. name; Para. proj. name; SDKI_KML_TYP)
- 3714 Hex 14100 Dez
F: Search for transport system unsuccessful
R: Function module remains disabled
A: cord-FB: connector CTS (check configured name)
AA: 7-Seg 'C', YTS
KFF (3714H; Offs. proj. name; Para. proj. name; Ret. SDKIFUNC_KIINFO)

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- 3715 Hex 14101 Dez
F: Transport system name invalid at the CTS connector
R: Function module remains disabled
A: cord-FB: connector CTS (check configured name)
AA: 7-Seg 'C', YTS
KFF (3715H; Offs. proj. name; Para. proj. name; SDKI_KML_TYP)
- 3716 Hex 14102 Dez
F: Search for transport system unsuccessful
R: Function module remains disabled
A: corf-FB: connector CTS (check configured name)
AA: 7-Seg 'C', YTS
KFF (3716H; Offs. proj. name; Para. proj. name; Ret. SDKIFUNC_KIINFO)
- 3717 Hex 14103 Dez
F: Transport system name invalid at the CTS connector
R: Function module remains disabled
A: corf-FB: connector CTS (check configured name)
AA: 7-Seg 'C', YTS
KFF (3717H; Offs. proj. name; Para. proj. name; SDKI_KML_TYP)
- 3718 Hex 14104 Dez
F: Search for transport system unsuccessful
R: Function module remains disabled
A: cors-FB: connector CTS (check configured name)
AA: 7-Seg 'C', YTS
KFF (3718H; Offs. proj. name; Para. proj. name; Ret. SDKIFUNC_KIINFO)
- 3719 Hex 14105 Dez
F: Transport system name invalid at the CTS connector
R: Function module remains disabled
A: cors-FB: connector CTS (check configured name)
AA: 7-Seg 'C', YTS
KFF (3719H; Offs. proj. name; Para. proj. name; SDKI_KML_TYP)
- 371A Hex 14106 Dez
F: Transmit LEM times sequentially unsuccessful
R: Data lost
A: Slow transmitter down or reduce VP loading
AA: qts = log 0; YTS
- 371B Hex 14107 Dez
F: Curve name too long
R: Function module remains disabled
A: Correct configuring, curve name is a maximum of 6 characters
at the connectors C1 .. C16
AA: 7-Seg 'C', YTS
KFF (371BH; Offs. proj. name; Para. proj. name; number of the curve)

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- 371C Hex 14108 Dez
F: No curve name defined
R: Function module remains disabled
A: Correct configuring; at least one curve name must be defined
AA: 7-Seg 'C', YTS
KFF (371CH; Offs. proj. name; Para. proj. name; Offs. ALE)
- 371D Hex 14109 Dez
F: Not enough local memory available
R: Function module remains disabled
A: Configure smaller buffer, reduce loading
AA: 7-Seg 'C', YTS
KFF (371DH; Offs. proj. name; Para. proj. name;
Ret. SDBFUNC_BSSPVW_GEME)
- 371E Hex 14110 Dez
F: Illegal data type at the data connector
R: Function module remains disabled
A: Correct configuring;
permitted I2, O2, N2, N4;
AA: 7-Seg 'C', YTS
KFF (371EH; Offs. proj. name; Para. proj. name; data type)
- 371F Hex 14111 Dez
F: Curve key name too long
R: Function module remains disabled
A: Correct configuring, key must have a maximum of 10 characters
AA: 7-Seg 'C', YTS
KFF (371FH; Offs. proj. name; Para. proj. name; length)
- 3720 Hex 14112 Dez
F: Search for transport system unsuccessful
R: Function module remains disabled
A: @pdwc-FB: connector CTS (check configured name)
AA: 7-Seg 'C', YTS
KFF (3720H; Offs. proj. name; Para. proj. name; Ret. SDKIFUNC_KIINFO)
- 3721 Hex 14113 Dez
F: Transport system name invalid at the CTS connector
R: Function module remains disabled
A: @pdwc-FB: connector CTS (check configured name)
AA: 7-Seg 'C', YTS
KFF (3721H; Offs. proj. name; Para. proj. name; SDKI_KML_TYP)
- 3722 Hex 14114 Dez
F: Transmission LEM times sequentially unsuccessful
R: Data lost
A: Slow transmitter down or reduce VP loading
AA: qts = log 0; YTS

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- 3723 Hex 14115 Dez
F: Illegal data buffer length at the LT connector
R: Function module remains disabled
A: Correct length,
Even value and between 2 and 922 bytes
AA: 7-Seg 'C', YTS
KFF (3723H; Offs. proj. name; Para. proj. name; length)
- 3724 Hex 14116 Dez
F: Available C bus memory too small
R: Function module remains disabled
A: Reduce loading at the C bus memory
AA: 7-Seg 'C', YTS
KFF (3724H; Offs. proj. name; Para. proj. name;
Ret. SDBFRW_BSSPVW_GEME)
- 3725 Hex 14117 Dez
F: Pool name (file name) too long or does not exist
R: Function module remains disabled
A: Correct configuring, pool name is a maximum of 6 characters
AA: 7-Seg 'C', YTS
KFF (3725H; Offs. proj. name; Para. proj. name; Length)
- 3726 Hex 14118 Dez
F: Search for the transport system unsuccessful
R: Function module remains disabled
A: @pdr-FB: connector CTS (check configured name)
AA: 7-Seg 'C', YTS
KFF (3726H; Offs. proj. name; Para. proj. name; Ret. SDKIFUNC_KIINFO)
- 3727 Hex 14119 Dez
F: Transport system name invalid at the CTS connector
R: Function module remains disabled
A: @pdr-FB: connector CTS (check configured name)
AA: 7-Seg 'C', YTS
KFF (3727H; Offs. proj. name; Para. proj. name; SDKI_KML_TYP)
- 3728 Hex 14120 Dez
F: Read request LEM times sequentially unsuccessful
R: Data lost
A: Slow down receiver or reduce the VP loading
AA: qts = log 0; YTS
- 3729 Hex 14121 Dez
F: False data buffer length at the LT connector
R: Function module remains disabled
A: Correct length,
even value and between 2 and 922 bytes
AA: 7-Seg 'C', YTS
KFF (3729H; Offs. proj. name; Para. proj. name; length)

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- 372A Hex 14122 Dez
F: Too little C bus memory available
R: Function module remains disabled
A: Reduce the loading at the C bus memory
AA: 7-Seg 'C', YTS
KFF (372AH; Offs. proj. name; Para. proj. name;
Ret. SDBFUNC_BSSPVW_GEME)
- 372B Hex 14123 Dez
F: Pool name (file name) too long or missing
R: Function module remains disabled
A: Correct configuring, pool name is a maximum of 6 characters
AA: 7-Seg 'C', YTS
KFF (372BH; Offs. proj. name; Para. proj. name; length)
- 372C Hex 14124 Dez
F: Search for the transport system unsuccessful
R: Function module remains disabled
A: @pdr-FB: connector CTS (check configured name)
AA: 7-Seg 'C', YTS
KFF (372CH; Offs. proj. name; Para. proj. name; Ret. SDKIFUNC_KIINFO)
- 372D Hex 14125 Dez
F: Transport system name invalid at the CTS connector
R: Function module remains disabled
A: @pdr-FB: connector CTS (check configured name)
AA: 7-Seg 'C', YTS
KFF (372DH; Offs. proj. name; Para. proj. name; SDKI_KM_TYP)
- 372E Hex 14126 Dez
F: Curve name too long
R: Function module remains disabled
A: Correct configuring, curve name is a maximum of 6 characters
AA: 7-Seg 'C', YTS
KFF (372EH; Offs. proj. name; Para. proj. name; number of the curve)
- 372F Hex 14127 Dez
F: No curve name defined
R: Function module remains disabled
A: Correct configuring; at least one curve name must be defined
AA: 7-Seg 'C', YTS
KFF (372FH; Offs. proj. name; Para. proj. name; Offs. ALE)
- 3730 Hex 14128 Dez
F: Too little local memory available
R: Function module remains disabled
A: Configure smaller buffer, reduce loading
AA: 7-Seg 'C', YTS
KFF (3730H; Offs. proj. name; Para. proj. name;
Ret. SDBFUNC_BSSPVW_GEME)

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- 3731 Hex 14129 Dez
F: Illegal data type at the data connector
R: Function module remains disabled
A: Correct configuring;
permitted are I2, O2, N2, N4;
AA: 7-Seg 'C', YTS
KFF (3731H; Offs. proj. name; Para. proj. name; data type)
- 3732 Hex 14130 Dez
F: Curve key name too long
R: Function module remains disabled
A: Correct configuring, curve key name is a maximum of 10 characters
AA: 7-Seg 'C', YTS
KFF (3732H; Offs. proj. name; Para. proj. name; length)
- 3733 Hex 14131 Dez
F: Transmission LEM times sequentially unsuccessful
R: Data lost
A: Slow down transmitter or reduce VP loading
AA: qts = log 0; YTS
- 3734 Hex 14132 Dez
F: Search for the transport system unsuccessful
R: Function module remains disabled
A: corc-FB: connector CTS (check configured name)
AA: 7-Seg 'C', YTS
KFF (3734H; Offs. proj. name; Para. proj. name; Ret. SDKIFUNC_KIINFO)
- 3735 Hex 14133 Dez
F: Transport system name invalid at the CTS connector
R: Function module remains disabled
A: corc-FB: connector CTS (check configured name)
AA: 7-Seg 'C', YTS
KFF (3735H; Offs. proj. name; Para. proj. name; SDKI_KML_TYP)
- 3736 Hex 14134 Dez
F: Curve name too long
R: Function module remains disabled
A: Correct configuring, curve name is a maximum of 6 characters
AA: 7-Seg 'C', YTS
KFF (3736H; Offs. proj. name; Para. proj. name; length)
- 3737 Hex 14135 Dez
F: Value at the connector SI2 false
R: Function module remains disabled
A: Correct the buffer size at the connector SI2
AA: 7-Seg 'C', YTS
KFF (3737H; Offs. proj. name; Para. proj. name; buffer size)

V 910115.310	7 Error codes
751042.txt	7.15 COROS Error from the Transport System and Function Modu
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- 3738 Hex 14136 Dez
F: Too little local memory available
R: Function module remains disabled
A: Configure smaller buffer, reduce loading
AA: 7-Seg 'C', YTS
KFF (3738H; Offs. proj. name; Para. proj. name;
Ret. SDBFUNC_BSSPVW_GEME)
- 3739 Hex 14137 Dez
F: Illegal data type at the data connector
R: Function module remains disabled
A: Correct configuring;
permitted I2, O2, N2;
AA: 7-Seg 'C', YTS
KFF (3739H; Offs. proj. name; Para. proj. name; data type)
- 373A Hex 14138 Dez
F: Curve key name too long
R: Function module remains disabled
A: Correct configuring, curve key name is a maximum of 6 characters
AA: 7-Seg 'C', YTS
KFF (373AH; Offs. proj. name; Para. proj. name; length)
- 373B Hex 14139 Dez
F: Transmission LEM times sequentially unsuccessful
R: Data lost
A: Slow down the transmitter or reduce the VP loading
AA: qts = log 0; YTS
- 373C Hex 14140 Dez
F: No curve buffer available
R: Abort the KA routines
A: Reduce loading
AA: 7-Seg 'C', YTS
KFF (373CH; Offs. proj. name; Para. proj. name; Offs. ALE)
- 373E Hex 14142 Dez
F: No message buffer available
R: Abort the KA routines
A: Reduce loading
AA: 7-Seg 'C', YTS
KFF (373EH; Offs. proj. name; Para. proj. name; Offs. ALE)
- 3742 Hex 14146 Dez
F: Sampling clock for @cor < 10 ms or > 1000 ms
R: Function module remains disabled
A: Configure @cor with the correct clock time
AA: 7-Seg 'C', YTS
KFF (3742H; Offs. proj. name; Para. proj. name; Offs. ALE)

V 910115.310 751042.txt 30.11.92	7 Error codes 7.15 COROS Error from the Transport System and Function Modu
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- 3743 Hex 14147 Dez
F: Transmission LEM times sequentially unsuccessful
R: Data lost
A: Slow down the transmitter or reduce VP loading
AA: qts = log 0; YTS
- 3744 Hex 14148 Dez
F: False LED number defined
R: Function module remains disabled
A: Correct configuring
range 0 - 63 and 96 - 159
AA: qts = log 0; YTS
- 3745 Hex 14149 Dez
F: Search for the transport system unsuccessful
R: Function module remains disabled
A: cort-FB: connector CTS (check configured name)
AA: 7-Seg 'C', YTS
KFF (3745H; Offs. proj. name; Para. proj. name; Ret. SDKIFUNC_KIINFO)
- 3746 Hex 14150 Dez
F: Transport system name invalid at the CTS connector
R: Function module remains disabled
A: cort-FB: connector CTS (check configured name)
AA: 7-Seg 'C', YTS
KFF (3746H; Offs. proj. name; Para. proj. name; SDKI_KML_TYP)
- 3747 Hex 14151 Dez
F: Transmissions NUM times sequentially unsuccessful
R: Data lost
A: Reduce the loading at the VP-C 10 or increase the clock
time for CORT
AA: qts = log 0; YTS
- 3748 Hex 14152 Dez
F: Clock time for CORT < 3 ms
R: Function module remains disabled
A: Configure FB with a larger clock time
AA: 7-Seg 'C', YTS
KFF (3748H; Offs. proj. name; Para. proj. name; time in 1/10 ms)
- 3749 Hex 14153 Dez
F: Search for the transport system unsuccessful
R: Function module remains disabled
A: corp-FB: connector CTS (check configured name)
AA: 7-Seg 'C', YTS
KFF (3749H; Offs. proj. name; Para. proj. name; Ret. SDKIFUNC_KIINFO)

V 910115.310 751042.txt 30.11.92	7 Error codes 7.15 COROS Error from the Transport System and Function Modu
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374A Hex

14154 Dez

F: Transport system name invalid at the CTS connector
R: Function module remains disabled
A: corp-FB: connector CTS (check configured name)
AA: 7-Seg 'C', YTS
KFF (374AH; Offs. proj. name; Para. proj. name; SDKI_KML_TYP)

V 910115.310 751042.txt 30.11.92	7 Error codes 7.16 MSQ (Message Sequence System) Errors
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7.16 MSQ (Message Sequence System) Errors

- 5101 Hex 20737 Dez
 E: Multiple access to the message system
 R: This KFF entry is followed by another, whose error code informs about system reaction
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (5101H; 0; Para. MS; 0)
- 5102 Hex 20738 Dez
 E: Transmitting telegram FB of a MSC-FB is not @CTT (communication class error)
Note: error code is no longer used, starting from version 2.3
 R: Starting MB disabled
 C: MB MSC1: connector CCT (must refer to telegram FB @CTT)
 DM: 7-Seg 'C'
 KFF (5102H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 5103 Hex 20739 Dez
 E: Invalid message entry type
 R: This KFF entry is followed by another, whose error code informs about system reaction
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (5103H; 0; Para. MS; 0)
- 5105 Hex 20741 Dez
 E: Invalid message system type
 R: Message evaluation remains disabled
 C: Check name of MS in configuration
 DM: 7-Seg 'C'
 KFF (5105H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 5112 Hex 20754 Dez
 E: Configuring error at KIB : MSQ
 R: Abort KML-initialization
 C: Check configurations at MSQ-KIB:
 all specifications left justified, no blanks between digits
 - Connector NMS = 0...999 (number of messages),
 0 means: message system configured, but neither message entry nor message evaluation possible (see 5138H)
 - Connector MOD = Y/N (operation mode overwriting)
 - Connector NTR = 0...999 (message entries after triggering)
 DM: 7-Seg 'C'; local KML-entry
 KFF (5112H; Offs. conf. name; Para. conf. name; Offs. ALE)

V 910115.310 751042.txt 30.11.92	7 Error codes 7.16 MSQ (Message Sequence System) Errors
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- 5121 Hex 20769 Dez
 E: Sequence error from 5122H and 5128H
 R: Abort MS initialization
 C: See 5122H or 5128H
 DM: 7-Seg 'C'; local KML-entry
 KFF (5121H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 5122 Hex 20770 Dez
 E: Memory allocation error for MS
 R: Abort MS initialization
 C: - BSSPVW_GEME-value = 3: limit memory requirements in
 requested memory object by re-configuring,
 i.e. reduce number of messages
 - Otherwise: inform SWE; see Chapter 1
 DM: 7-Seg 'C'; local KML-entry
 1st KFF (5122H; length MS; memory identifier; BSSPVW_GEME-fct. val.)
 2nd KFF see error 5121H
- 5128 Hex 20776 Dez
 E: Versions of SDKM_MSQ_PL and KMSQIN are incompatible
 R: Abort MS initialization
 C: Check SW versions
 DM: 7-Seg 'C'; local KML-entry
 1st KFF (5128H; 0; 0; version of SDKM_MSQ_PL)
 2nd KFF see error 5121H
- 5131 Hex 20785 Dez
 E: Sequence error from 5132H, 5134H and 5138H
 R: Starting MB disabled
 C: See 5132H, 5134H or 5138H
 DM: 7-Seg 'C'
 KFF (5131H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 5132 Hex 20786 Dez
 E: Configured name of MS was not found in the KML or
 MS initialization error
 R: Starting MB disabled
 C: - If KIINFO value = 0118H:
 configuring MB: check connector CMS
 - Otherwise: evaluate KIINFO value as error
 DM: 7-Seg 'C'
 1st KFF (5132H; 0; 0; KIINFO fct. value)
 2nd KFF see error 5131H
- 5138 Hex 20792 Dez
 E: Configured number of messages = 0
 R: Starting MB disabled
 C: MSQ-KIB: connector NMS = 1...999 (at least 1 message)
 DM: 7-Seg 'C'
 1st KFF (5138H; 0; Para. MS; 0)
 2nd KFF see error 5131H

V 910115.310	7 Error codes
751042.txt	7.16 MSQ (Message Sequence System) Errors
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- 5141 Hex 20801 Dez
E: Sequence error from 5142H, 5144H and 5148H
R: Starting MB disabled
C: See 5142H, 5144H or 5148H
DM: 7-Seg 'C'
KFF (5141H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 5142 Hex 20802 Dez
E: Configured name of MS was not found in the KML or
MS initialization error
R: Starting MB disabled
C: - If KIINFO-value = 0118H:
 configuring MB: check connector CMS
 - Otherwise: evaluate KIINFO-value as error
DM: 7-Seg 'C'
1st KFF (5142H; 0; 0; KIINFO-fct. value)
2nd KFF see error 5141H
- 5148 Hex 20808 Dez
E: Memory allocation error for intermediate memory
R: Starting MB disabled
C: - BSSPVW_GEME-value = 3: limit memory requirements in
 requested memory object
 - Otherwise: inform SWE; see Chapter 1
DM: 7-Seg 'C'
1st KFF (5148H; 0; Para. MS; BSSPVW_GEME-fct. value)
2nd KFF see error 5141H
- 5151 Hex 20817 Dez
E: Conversion not possible (sequence error from 5154H and 5158H)
R: Starting MB disabled
Exception: @OP and @UK remain enabled.
C: See 5154H or 5158H
DM: 7-Seg 'C'
KFF (5151H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 5158 Hex 20824 Dez
E: Invalid telegram length (< 3 bytes) configured
R: Starting MB disabled
C: Tx-telegram FB: connector LT (min. length = 3)
DM: 7-Seg 'C'
1st KFF (5158H; 0; Para. MS; 0)
2nd KFF see error 5151H

V 910115.310 751042.txt 30.11.92	7 Error codes 7.17 Direct / Indirect Transmitter / Receiver-FB
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7.17 Direct / Indirect Transmitter / Receiver-FB

- 7100 Hex 28928 Dez
E: No suitable telegram FB is assigned to an indirect Tx-FB
(communication class error)
R: Tx-FB disabled
C: Tx-FB: connector CCT (check configured telegram FB)
DM: 7-Seg 'C'
KFF (7100H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7110 Hex 28944 Dez
E: No suitable telegram FB is assigned to an indirect Rx-FB
(communication class error)
R: Rx-FB disabled
C: Rx-FB: connector CCR (check configured telegram FB)
DM: 7-Seg 'C'
KFF (7110H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7120 Hex 28960 Dez
E: Transmission data outside the TP on indirect
Tx-FB
R: Tx-FB disabled
C: Tx-FB: check connectors PFP and PFB and
telegram FB: connector LT:
PFP + PFB + (number FB data bytes) must be $\leq$ LT
DM: 7-Seg 'C'
KFF (7120H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7130 Hex 28976 Dez
E: Transmission data were expected outside the TP on
indirect Rx-FB
R: Rx-FB disabled
C: Rx-FB: check connectors PFP and PFB and
telegram FB: connector LT:
PFP + PFB + (number FB data bytes) must be $\leq$ LT
DM: 7-Seg 'C'
KFF (7130H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7140 Hex 28992 Dez
E: Information: direct Tx-FB (Tx-channel) was successfully
initialized; no transmission has taken place
R: Tx-FB is enabled and is waiting for EN = 1
C: Tx-control-FB: connector EN (if need be set to "1")
DM: YTS

V 910115.310	7 Error codes
751042.txt	7.17 Direct / Indirect Transmitter / Receiver-FB
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- 7150 Hex 29008 Dez
E: Information: direct Rx-FB (Rx-channel) was successfully initialized; still no telegram received (at 'LEM' = 0)
R: Rx-FB is enabled
C: Wait; if need be enable link partner
DM: YTS
- 7160 Hex 29024 Dez
E: Information: direct Tx-FB (Tx-channel) was not yet initialized
R: Tx-FB calls initialization routine
C: Waiting for end of initialization
DM: YTS
- 7170 Hex 29040 Dez
E: Information: direct Rx-FB (Rx-channel) was not yet initialized
R: Rx-FB calls initialization routine
C: Waiting for end of initialization
DM: YTS
- 7180 Hex 29056 Dez
E: Tx-job waiting for transmission was overwritten
R: Transmit operation is going on normally;
some (older) jobs are lost
C: Adapt sampling time of Tx-FB to speed of TS,
i.e. enlarge sampling time; enable link partner
DM: If QTS = log 0: YTS = 0240 Hex (00576 Dec)
If QTS = log 1: YTS = 7180 Hex (29056 Dec)
- 7190 Hex 29072 Dez
E: All available DBS are occupied (non-overwriting)
R: Transmit operation is going on normally;
some (newer) jobs are lost
C: Adapt sampling time of Tx-FB to speed of TS,
i.e. enlarge sampling time; enable link partner
DM: If QTS = log 0: YTS = 0246 Hex (00582 Dec)
If QTS = log 1: YTS = 7190 Hex (29072 Dec)
- 71A0 Hex 29088 Dez
E: Number of received bytes in receive job is not equal
to the number expected from Rx-FB
R: Receive job is discarded;
then receive attempts are repeated cyclically
C: Adapt FB-pair (type of direct Tx-Fb and Rx-FB) relative
to telegram length in configuration
DM: YTS

V 910115.310 751042.txt 30.11.92	7 Error codes 7.17 Direct / Indirect Transmitter / Receiver-FB
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- 71B0 Hex 29104 Dez
E: No Rx-job arrived (after LEM attempts)
R: Receive attempts are repeated cyclically
C: Adapt sampling time of Rx-FB to speed of TS,
i.e. enlarge sampling time; enable link partner
DM: If QTS = log 0: YTS = 0263 Hex (00611 Dec)
If QTS = log 1: YTS = 71B0 Hex (29104 Dec)
- 71E0 Hex 29152 Dez
E: Too large transmit address (> 15) configured
R: FB CZA/CZA4 disabled
C: FB CZA/CZA4: connector AT - 0...15
DM: 7-Seg 'C'; YTS
KFF (71E0H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 71E1 Hex 29153 Dez
E: Error in message value conditioning (message value too long)
R: FB CZA/CZA4 disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'; YTS
KFF (71E1H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 71E2 Hex 29154 Dez
E: Invalid scaling configured
(no digit before the period)
R: FB CZA/CZA4 disabled
C: FB CZA/CZA4: check configuring SCAL=0.0001...99999
DM: 7-Seg 'C'; YTS
KFF (71E2H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 71E3 Hex 29155 Dez
E: Invalid connector type configured
R: FB CZA/CZA4 disabled
C: FB CZA/CZA4: check connector type
DM: 7-Seg 'C'; YTS
KFF (71E3H; Offs. conf. name; Para. conf. name; Offs. ALE)

V 910115.310 751042.txt 30.11.92	7 Error codes 7.18 Telegram FB
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7.18 Telegram FB

- 7200 Hex 29184 Dez
E: Information: Tx-telegram FB (Tx-channel) was successfully
initialized; no transmission has taken place
R: Tx-telegram FB is enabled and is waiting for EN = 1
C: Connector EN (if need be set to "1")
(up to version 2.3 on Tx-control-FB, from vers. 2.3 on Tx-telegram FB)
DM: YTS
- 7210 Hex 29200 Dez
E: Information: Rx-telegram FB (Rx-channel) was successfully
initialized; not yet received a telegram
R: Rx-telegram FB is enabled
C: Wait; if need be enable link partner
DM: YTS
- 7240 Hex 29248 Dez
E: Tx-job waiting for transmission was overwritten
R: Transmit operation is going on normally;
some (older) jobs are lost
C: Adapt sampling time of Tx-FB to speed of TS,
i.e. increase sampling time; enable link partner
DM: If QTS = log 0: YTS = 0240 Hex (00576 Dec)
If QTS = log 1: YTS = 7240 Hex (29248 Dec)
- 7250 Hex 29264 Dez
E: All available DBS are occupied (non-overwriting)
R: Transmit operation is going on normally;
some (newer) jobs are lost
C: Adapt sampling time of Tx-FB to speed of TS,
i.e. increase sampling time; enable link partner
DM: If QTS = log 0: YTS = 0246 Hex (00582 Dec)
If QTS = log 1: YTS = 7250 Hex (29264 Dec)
- 7260 Hex 29280 Dez
E: Number of received bytes in receive job is not equal
to the number configured at Rx-telegram FB
R: Receive job is discarded;
receive attempts are then repeated cyclically
C: FB @CTT: connector LT = FB @CRT: connector LT
DM: YTS
- 7270 Hex 29296 Dez
E: No Rx-telegram received within the sampling time
R: Receive attempts are repeated cyclically
C: Adapt sampling time of Rx-FB to speed of TS,
i.e. increase sampling time; enable link partner
DM: If QTS = log 0: YTS = 0263 Hex (00611 Dec)
If QTS = log 1: YTS = 7270 Hex (29296 Dec)

V 910115.310 751042.txt 30.11.92	7 Error codes 7.19 UK- / OP-FB
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7.19 UK- / OP-FB

7300 Hex 29440 Dez
 E: Information: initialization of OP1 begins
 R: OP1 is initialized; OP-FB waiting; QTS/QRS = log 0
 C: Wait for end of initialization
 DM: YTS and YRS

7301 Hex 29441 Dez
 E: Information: initialization of OP1 finished
 R: OP1 is initialized; QTS/QRS = log 1
 C: -
 DM: YTS and YRS

7310 Hex 29456 Dez
 E: Receive Rx-telegram contains an "Old" identifier
 R: Restart of warm initialization
 C: Wait for end of initialization
 DM: UKR: YTS or OPC: YTS and YRS

7320 Hex 29472 Dez
 E: Receive Rx-telegram contains the identifier "RESET"
 R: Restart warm initialization
 C: Wait for end of initialization
 DM: YTS and YRS

7330 Hex 29488 Dez
 E: Receive Rx-telegram contains an invalid identifier
 R: Restart warm initialization
 C: Wait for end of initialization
 DM: @UKKSR: 7-Seg 'C'
 KFF (7330H; Offs. ALE; Para. ALE; Info. value)
 Info. value: Low -Byte: response identifier from UK
 High-Byte: transmit identifier to UK
 UKR : YTS
 ---- or
 @OPKSR: 7-Seg 'C'
 KFF (7330H; Offs. conf. name; Para. conf. name; Offs. ALE)
 OPC : YTS and YRS

7340 Hex 29504 Dez
 E: Invalid sampling time for UK or OP1 configured
 R: Started FB remains disabled
 C: Correct configuring:
 sampling time for UK/OP1 is 32...255 ms
 DM: @UKINI; @OPUIN:
 7-Seg 'C'
 KFF (7340H; Offs. conf. name; Para. conf. name; Offs. ALE)
 ---- additional
 OPC: YTS and YRS

V 910115.310	7 Error codes
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- 7351 Hex 29521 Dez
E: Invalid communication class configured
R: Started FB remains disabled
C: Tx-/Rx-FB: connector COP (check configured central FB)
DM: 7-Seg 'C'
KFF (7351H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7352 Hex 29522 Dez
E: Block configured more than once
R: Multiply configured FB is disabled
C: Configure only valid number of UK- or OP-FB
DM: 7-Seg 'C'
KFF (7352H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7354 Hex 29524 Dez
E: Invalid slot or key number configured
R: Starting (i.e. error detecting) FB disabled
C: FB: connector AL or KEY (check)
DM: 7-Seg 'C'
KFF (7354H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7360 Hex 29536 Dez
E: Storing into SAVE area is not possible
R: Starting FB (see EM) is enabled, it does not store
into the SAVE area;
restricted operation is possible
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (7360H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7370 Hex 29552 Dez
E: Initialization error on OP1
R: Central FB @OP disabled, connected operation-FB
remains inactive (OPC displays error)
C: Inform SWE; see Chapter 1
DM: YTS and YRS
- 73B0 Hex 29616 Dez
E: No Rx-job received (after LEM attempts)
R: System continues to run;
but the Rx-FB receives no data from operation panel
C: Check HW, interface and connection cables to operator panel
DM: QRS = log 0; YRS

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7.20 Message System-FB

7501 Hex

29953 Dez

E: No memory allocation for format descriptor,
because memory object identifier invalid
R: Standard text "*** Warning: Messages Lost ! : " remains;
system continues to run normally
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (7501H; Offs. conf. name; Para. conf. name; Offs. ALE)

7502 Hex

29954 Dez

E: No memory allocation for format descriptor,
because memory object identifier does not exist
R: Standard text "*** Warning: Messages Lost ! : " remains;
system continues to run normally
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (7502H; Offs. conf. name; Para. conf. name; Offs. ALE)

7503 Hex

29955 Dez

E: No memory reservation for format descriptor,
because memory is not large enough
R: Standard text "*** Warning: Messages Lost ! : " remains;
system continues to run normally
C: Re-configuring other message/transport functions on several
processors, i.e. limit memory requirements
DM: 7-Seg 'C'
KFF (7503H; Offs. conf. name; Para. conf. name; Offs. ALE)

7504 Hex

29956 Dez

E: No memory allocation for format descriptor,
because memory object is blocked
R: Standard text "*** Warning: Messages Lost ! : " remains;
system continues to run normally
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (7504H; Offs. conf. name; Para. conf. name; Offs. ALE)

7505 Hex

29957 Dez

E: No memory allocation for format descriptor,
because allocation mode invalid
R: Standard text "*** Warning: Messages Lost ! : " remains;
system continues to run normally
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (7505H; Offs. conf. name; Para. conf. name; Offs. ALE)

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7510 Hex

29968 Dez

E: Warning: more than one error text FB (MSE) configured
R: First configured MSE-FB is working (enters error text),
all others are disabled
C: Configure only one MSE-FB
DM: 7-Seg 'C'
KFF (7510H; Offs. conf. name; Para. conf. name; Offs. ALE)

7520 Hex

29984 Dez

E: Incorrect connector type (MSQ02/MSQ32)
R: FB disables itself
C: Remove 'Connector type specification "@TYP"
DM: 7-Seg 'C'
KFF (7520H; Offs. conf. name; Para. conf. name; Offs. ALE)

V 910115.310 751042.txt 30.11.92	7 Error codes 7.21 Monitor - FB
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7.21 Monitor - FB

7700 Hex

30464 Dez

E: Warning: invalid sampling time for @MO configured;
(< 10 ms or $> 655,35$ ms)
R: Initialization is continued with substitute value:
min. value = 10 ms or max. value = 655,35 ms
C: Configure valid sampling time TX:
10 ms $\leq$ TX $\leq$ 655,35 ms; recommended: TX = 64 ms !
DM: 7-Seg 'C'
KFF (7700H; Offs. conf. name; Para. conf. name; Offs. ALE)

V 910115.310 751042.txt 30.11.92	7 Error codes 7.22 MMC - Central - FB
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7.22 MMC - Central - FB

- 7800 Hex 30720 Dez
 E: More than one @MMC configured for TS MMC
 R: Starting FB @MMC remains disabled
 C: Configure only one FB @MMC
 DM: 7-Seg 'C'; YTS
 KFF (7800H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7801 Hex 30721 Dez
 E: Configured name of KM was not found in the KML
 R: Starting FB @MMC remains disabled;
 link cannot be initialized
 C: @MMC-FB: connector CTS (check configured name)
 DM: 7-Seg 'C'; YTS
 KFF (7801H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7802 Hex 30722 Dez
 E: Configured KM-name does not belong to a transport system
 R: Starting FB @MMC remains disabled;
 link cannot be initialized
 C: @MMC-FB: connector CTS (check configured name)
 DM: 7-Seg 'C'; YTS
 KFF (7802H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7808 Hex 30728 Dez
 E: Number of MMC-channels > 60
 R: SIMADYN D continues with 60 MMC-channels
 C: Partner MMC: limits number of channels to 60
 DM: 7-Seg 'C';
 KFF (7808H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7810 Hex 30736 Dez
 E: Link to partner (MMC) is interrupted (Break)
 R: Waiting for re-establishment removal,
 subsequently new initialization
 (remove and generate connection)
 C: Check connection line and partner
 DM: QTS = log 0; YTS
- 7820 Hex 30752 Dez
 E: Link with partner (MMC) was interrupted
 R: Link is re-initialized (start connection)
 C: Wait for end of initialization
 DM: QTS = log 0; YTS

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7830 Hex

30768 Dez

E: Information: number of MMC-channels and the
configured channels have been determined
R: Initialization continues to run (generating connection)
C: Wait for end of initialization
DM: QTS = log 0; YTS

7840 Hex

30784 Dez

E: Information: connection generation is currently running
R: Initialization continues to run
C: Wait for end of initialization
DM: QTS = log 0; YTS

7850 Hex

30800 Dez

E: Information: generating connections between SimD-channels
and assigned MMC-channels is complete;
perhaps additionally available MMC-Channels were processed
R: Initialization continues to run
C: Wait for end of initialization
DM: QTS = log 0; YTS

7860 Hex

30816 Dez

E: Information: connection generation is complete;
results to every channel are provided in the channel
R: Wait to check of the results of connection generation
by MMC
C: Wait for end of initialization
DM: QTS = log 0; YTS

7870 Hex

30832 Dez

E: Information: initialization is complete
R: Data transmission is starting
C: No
DM: QTS = log 1; YTS

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7.23 Trace-FB

- 7900 Hex 30976 Dez
 E: Incorrect address on TRCC-block
 R: FB disables itself
 C: Correct specification on AT-connector
 DM: 7-Seg 'C'; QF=1
 KFF (7900H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7901 Hex 30977 Dez
 E: Invalid length configuration on MD-connector
 R: FB disables itself
 C: Correct specification on connector MD
 DM: 7-Seg 'C'; QF=1
 KFF (7901H; Offs. conf. name; Para. conf. name; MD-length spec.)
- 7902 Hex 30978 Dez
 E: Memory for trace buffer could not be allocated in RAM
 R: FB disables itself
 C: - BSSPVW_GEME-value = 3: reduce memory requirements
 in requested memory object
 (reduce length specification on MD)
 - Otherwise: inform SWE; see Chapter 1
 DM: 7-Seg 'C'; QF=1
 KFF (7902H; Offs. conf. name; Para. conf. name; GEME-error val.)
- 7904 Hex 30980 Dez
 E: Memory for trace buffer could not be allocated
 in SAVE area (buffered RAM)
 R: FB disables itself
 C: - BSSPVW_GEME-value = 3: reduce memory requirements
 in requested memory object
 (reduce length specification on MD)
 - Otherwise: inform SWE; see Chapter 1
 DM: 7-Seg 'C'; QF=1
 KFF (7904H; Offs. conf. name; Para. conf. name; GEME-error val.)
- 7908 Hex 30984 Dez
 E: Administration area necessary for operation could not
 be allocated in SAVE area
 R: Block disables itself
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'; QF=1
 KFF (7908H; Offs. conf. name; Para. conf. name; INFO-error value)

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7909 Hex

30985 Dez

F: Definition at the connector LTW impermissible
R: Module will be switched off
A: Permissible definitions: 1 =< LTW =< 500 or LTW =< MD
AA: 7-Seg 'C'
KFF (7909H; Offs. proj. name; Para. proj. name; INFO-error value)

790A Hex

30986 Dez

F: Definition at the connector LTW = 0
R: No trace output is made
A: Permissible definition: 1 =< LTW =< 500 or LTW =< MD
AA: QTS=0; YTS=30986

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7.24 Device Reaction - FB

- 7A00 Hex 31232 Dez
E: Basic error value for DCC-FB (device reaction)
R: DCC-FB remains disabled
DM: 7-Seg 'C'
- 7A01 Hex 31233 Dez
E: Configuring entry missing at DTS and CTS connector of DCC-FB
R: DCC-FB remains disabled (no initialization of device reaction)
C: Enter at least at one of either of the connectors at transport system
DM: 7-Seg 'C'
KFF (7A01H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A02 Hex 31234 Dez
E: The TS-name for S- or G-link (incorrect link partner) is entered at the DTS or CTS connector of DCC-FB
R: DCC-FB remains disabled (no initialization of device reaction)
C: Correct DTS or CTS entry
DM: 7-Seg 'C'
KFF (7A02H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A03 Hex 31235 Dez
E: Entry at DTS or CTS connector of DCC-FB is incorrect or unknown
R: DCC-FB remains disabled (no initialization of device reaction)
C: Correct DTS or CTS entry
DM: 7-Seg 'C'
KFF (7A03H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A04 Hex 31236 Dez
E: Entry at DTS or CTS connector of DCC-FB is not transport system
R: DCC-FB remains disabled (no initialization of device reaction)
C: Correct DTS or CTS entry
DM: 7-Seg 'C'
KFF (7A04H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A05 Hex 31237 Dez
E: Multiple configuring of a DCC-FB
R: DCC-FB remains disabled (no initialization of device reaction)
C: Change configuring
DM: 7-Seg 'C'
KFF (7A05H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A06 Hex 31238 Dez
E: The HW configuration determined by the DCC-FB does not correspond to that entered at the converter processor board
R: DCC-FB remains disabled (no initialization of device reaction)
C: Change DTS and/or CTS connector entry
DM: 7-Seg 'C'
KFF (7A06H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 7A07 Hex 31239 Dez
 E: CS5/6 has written an invalid interface status value into the S-DPR
 R: DCC-FB remains disabled (no initialization of device reaction)
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (7A07H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A08 Hex 31240 Dez
 E: The configured protocol data is incorrect at CS6-IB
 R: DCC-FB will be disabled (no initialization of device reaction)
 C: Correct protocol data at CS6-IB in master program
 DM: 7-Seg 'C'
 KFF (7A08H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A09 Hex 31241 Dez
 E: S-DPR access release was not made within the valid waiting period (identification by DCC-FB)
 R: DCC-FB remains disabled (no initialization of device reaction)
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (7A09H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A0A Hex 31242 Dez
 E: Converter module has not entered a HW configuration within the valid waiting period (identification by DCC-FB)
 R: DCC-FB remains disabled (no initialization of device reaction)
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (7A0AH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A0B Hex 31243 Dez
 E: DCC-FB has detected an incorrect destination buffer management (channel management) whilst copying data
 R: DCC-FB will be disabled (no initialization of device reaction)
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (7A0BH; Offs. conf. name; Para. conf. name; Offs. data channel)
- 7A0C Hex 31244 Dez
 E: DCC-FB has detected an incorrect destination status buffer (channel management) whilst copying data
 R: DCC-FB will be disabled (no initialization of device reaction)
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (7A0CH; Offs. conf. name; Para. conf. name; Offs. data channel)

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- 7A0D Hex 31245 Dez
E: DCC-FB has detected an incorrect source buffer management
(channel management) whilst copying data
R: DCC-FB will be disabled (no initialization of device reaction)
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (7A0DH; Offs. conf. name; Para. conf. name; Offs. data channel)
- 7A0E Hex 31246 Dez
E: DCC-FB has detected an incorrect source status buffer
(channel management) whilst copying data
R: DCC-FB will be disabled (no initialization of device reaction)
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (7A0EH; Offs. conf. name; Para. conf. name; Offs. data channel)
- 7A20 Hex 31264 Dez
E: Basic error value for DCT-FB (device reaction)
R: DCT-FB remains disabled
DM: 7-Seg 'C'
- 7A21 Hex 31265 Dez
E: DCT-FB has detected an incorrect buffer management in the S-DPR job
channel
R: DCT-FB will be disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (7A21H; Offs. conf. name; Para. conf. name; Para. ALE)
- 7A22 Hex 31266 Dez
E: DCT-FB has detected an incorrect status buffer in the S-DPR job
channel
R: DCT-FB will be disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (7A22H; Offs. conf. name; Para. conf. name; Para. ALE)
- 7A23 Hex 31267 Dez
E: DCT-FB has detected an incorrect buffer management in the KSP/DPR
job channel
R: DCT-FB will be disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (7A23H; Offs. conf. name; Para. conf. name; Para. ALE)
- 7A24 Hex 31268 Dez
E: DCT-FB has detected an incorrect status buffer in the KSP/DPR
job channel
R: DCT-FB will be disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (7A24H; Offs. conf. name; Para. conf. name; Para. ALE)

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- 7A25 Hex 31269 Dez
 E: DCT-FB has detected an incorrect buffer management in the KSP/DPR response channel
 R: DCT-FB will be disabled
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (7A25H; Offs. conf. name; Para. conf. name; Para. ALE)
- 7A26 Hex 31270 Dez
 E: DCT-FB has detected an incorrect status buffer in the KSP/DPR response channel
 R: DCT-FB will be disabled
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (7A26H; Offs. conf. name; Para. conf. name; Para. ALE)
- 7A27 Hex 31271 Dez
 E: DCT-FB has detected an incorrect buffer management in the S-DPR response channel
 R: DCT-FB will be disabled
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (7A27H; Offs. conf. name; Para. conf. name; Para. ALE)
- 7A28 Hex 31272 Dez
 E: DCT-FB has detected an incorrect status buffer in the S-DPR response channel
 R: DCT-FB will be disabled
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (7A28H; Offs. conf. name; Para. conf. name; Para. ALE)
- 7A29 Hex 31273 Dez
 E: Converter module has not entered a HW configuration within the valid waiting period in KSP/DPR
 R: DCT-FB will be disabled
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (7A29H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A2A Hex 31274 Dez
 E: Converter module has not entered a G-PT-S configuration in the KSp/DPR
 R: DCT-FB remains disabled
 C: Change parameters for the conversion module or inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (7A2AH; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 7A2B Hex 31275 Dez
E: S-DPR access enable was not implemented within the valid waiting period
R: DCT-FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (7A2BH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A2C Hex 31276 Dez
E: Configured entries at DTS/CTS connector are incorrect
R: DCT-FB remains disabled
C: Correct configuring entries
DM: 7-Seg 'C'
KFF (7A2CH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A2D Hex 31277 Dez
E: Configured entry at DTS/CTS connector is not a transport system
R: DCT-FB remains disabled
C: Correct configuring entries
DM: 7-Seg 'C'
KFF (7A2DH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A2E Hex 31278 Dez
E: Multiple configuring of DCT-FB
R: DCT-FB remains disabled
C: Correct configuring
DM: 7-Seg 'C'
KFF (7A2EH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A2F Hex 31279 Dez
E: The incorrect link partner has been configured at the DTS or CTS connector (DTS --> G-link, CTS --> S-link)
R: DCT-FB remains disabled
C: Correct DTS/CTS connector entries
DM: 7-Seg 'C'
KFF (7A2FH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A40 Hex 31296 Dez
E: Basic error value for @PCS-FB (device reaction)
R: @PCS-FB remains disabled
DM: 7-Seg 'C'
- 7A41 Hex 31297 Dez
E: No entry was made at either the DTS or the CTS connector
R: @PCS-FB remains disabled
C: Correct DTS and/or CTS connector entries
DM: 7-Seg 'C'
KFF (7A41H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 7A42 Hex 31298 Dez
E: The incorrect link partner has been configured at the DTS/CTS connector (DTS --> G-link, CTS --> S-link)
R: @PCS-FB remains disabled
C: Correct DTS and/or CTS connector entries
DM: 7-Seg 'C'
KFF (7A42H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A43 Hex 31299 Dez
E: An invalid entry has been made at the DTS/CTS connector
R: @PCS-FB remains disabled
C: Correct DTS and/or CTS connector entries
DM: 7-Seg 'C'
KFF (7A43H; Offs. conf. name; Para. conf. name; Offs. 1.DTS/CTS entr.)
- 7A44 Hex 31300 Dez
E: The DTS/CTS connector entry is not a TS
R: @PCS-FB remains disabled
C: Correct DTS and/or CTS connector entries
DM: 7-Seg 'C'
KFF (7A44H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A45 Hex 31301 Dez
E: Multiple configuring of @PCS-FB
R: @PCS-FB remains disabled
C: Correct configuring
DM: 7-Seg 'C'
KFF (7A45H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A46 Hex 31302 Dez
E: The HW configuration, determined by the @PCS-FB, does not correspond to the value entered at the converter processor board
R: @PCS-FB remains disabled
C: Correct configuring or select other parameters for the converter module
DM: 7-Seg 'C'
KFF (7A46H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A47 Hex 31303 Dez
E: S-DPR access enable was not implemented within the valid waiting period
R: @PCS-FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (7A47H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 7A48 Hex 31304 Dez
 E: Converter module has not entered a HW configuration within the valid waiting period in KSP/DPR
 R: @PCS-FB remains disabled
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (7A48H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A49 Hex 31305 Dez
 E: SAVE area for PAJ-FB could not be allocated
 R: @PCS-FB remains disabled
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (7A49H; Offs. conf. name; Para. conf. name)
- 7A50 Hex 31312 Dez
 E: Basic error value for PAJ-FB (device reaction)
 R: PAJ-FB remains disabled
 DM: 7-Seg 'C'
- 7A51 Hex 31313 Dez
 E: The parameter number, entered at XPN connector, has been configured more than once
 R: PAJ-FB remains disabled
 C: Change XPN connector entry
 DM: 7-Seg 'C'
 KFF (7A51H; Offs. conf. name; Para. conf. name; Parameter number)
- 7A52 Hex 31314 Dez
 E: Invalid communication class configured
 R: PAJ-FB remains disabled
 C: Check PCS connector entry at @PCS-FB for identity
 DM: 7-Seg 'C'
 KFF (7A52H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A53 Hex 31315 Dez
 E: Invalid parameter number configured (1 - 999)
 R: PAJ-FB remains disabled
 C: Change XPN connector entry
 DM: 7-Seg 'C'
 KFF (7A53H; Offs. conf. name; Para. conf. name; Parameter number)
- 7A54 Hex 31316 Dez
 E: No SAVE area has been allocated by @PCS-FB
 R: PAJ-FB remains disabled
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (7A54H; Offs. conf. name; Para. conf. name; Offs. ALE)

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- 7A55 Hex 31317 Dez
 F: Error when starting the EEPROM saving function
 R: PAJ-FB remains disabled
 A: Inform SWE; see Chapter 1
 AA: 7-Seg 'C'
 KFF (7A55H; Offs. proj. name; Para. proj. name; Offs. ALE)
- 7A56 Hex 31318 Dez
 F: Value conversion for the G_BF not possible
 R: PAJ-FB remains disabled
 A: Inform SWE; see Chapter 1
 AA: 7-Seg 'C'
 KFF (7A56H; Offs. proj. name; Para. proj. name; SDE..._FORMAT
 function value)
- 7A60 Hex 31328 Dez
 E: Basic error value for PVI-FB (device reaction)
 R: PVI-FB remains disabled
 DM: 7-Seg 'C'
- 7A61 Hex 31329 Dez
 E: The parameter number, entered at XPN connector, has been configured
 more than once
 R: PVI-FB remains disabled
 C: Change XPN connector entry
 DM: 7-Seg 'C'
 KFF (7A61H; Offs. conf. name; Para. conf. name; Parameter number)
- 7A62 Hex 31330 Dez
 E: Invalid communication class configured
 R: PVI-FB remains disabled
 C: Check PCS connector entry at @PCS-FB for identity
 DM: 7-Seg 'C'
 KFF (7A62H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A63 Hex 31331 Dez
 E: Invalid parameter number configured (1 - 999)
 R: PAJ-FB remains disabled
 C: Change XPN connector entry
 DM: 7-Seg 'C'
 KFF (7A63H; Offs. conf. name; Para. conf. name; Parameter number)
- 7A64 Hex 31332 Dez
 F: Value conversion for G-BF not possible
 R: PVI-FB remains disabled
 A: Inform SWE; see Chapter 1
 AA: 7-Seg 'C'
 KFF (7A64H; Offs. proj. name; Para. proj. name; SDE..._FORMAT
 function value)

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- 7A70 Hex 31344 Dez
E: Basic error value for TMC-FB (device reaction)
R: TMC-FB remains disabled
DM: 7-Seg 'C'
- 7A71 Hex 31345 Dez
E: Invalid status buffer in KSP/DPR warning channel
R: TMC-FB will be disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (7A71H; Offs. conf. name; Para. conf. name; Offs. data channel)
- 7A72 Hex 31346 Dez
E: Converter module has not entered a HW configuration within the valid waiting period
R: TMC-FB remains disabled
C: Inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (7A72H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A73 Hex 31347 Dez
E: An incorrect link partner has been configured at the DTS connector
R: TMC-FB remains disabled
C: Correct DTS connector entries
DM: 7-Seg 'C'
KFF (7A73H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A74 Hex 31348 Dez
E: Multiple configuring of TMC-FB
R: TMC-FB remains disabled
C: Change configuring
DM: 7-Seg 'C'
KFF (7A74H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A75 Hex 31349 Dez
E: DTS connector entry at TMC-FB is not a transport system
R: TMC-FB remains disabled
C: Correct DTS entry
DM: 7-Seg 'C'
KFF (7A75H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A76 Hex 31350 Dez
E: DTS connector entry at TMC-FB is incorrect or unknown
R: TMC-FB remains disabled
C: Correct DTS entry
DM: 7-Seg 'C'
KFF (7A76H; Offs. conf. name; Para. conf. name; Offs. 1.DTS entry)

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7A77 Hex

31351 Dez

E: Invalid fault number
R: TMC-FB remains enabled
C: No correction necessary; fault number is ignored
DM: 7-Seg 'C'
KFF (7A77H; Offs. conf. name; Para. conf. name; Offs. 1.DTS entry)

7A80 Hex

31360 Dez

E: Basic error value for DPT-FB (device reaction)
R: DPT-FB remains disabled
DM: 7-Seg 'C'

7A81 Hex

31361 Dez

E: DPT-FB has been configured with an invalid sampling time (> 6550ms)
R: DPT-FB remains disabled
C: Change configuring
DM: 7-Seg 'C'
KFF (7A81H; Offs. conf. name; Para. conf. name; Offs. ALE)

7A82 Hex

31362 Dez

E: An incorrect link partner has been configured at DTS connector
R: DPT-FB remains disabled
C: Change DTS connector entry
DM: 7-Seg 'C'
KFF (7A82H; Offs. conf. name; Para. conf. name; Offs. ALE)

7A83 Hex

31363 Dez

E: Multiple configuring of DPT-FB
R: DPT-FB remains disabled
C: Change configuring
DM: 7-Seg 'C'
KFF (7A83H; Offs. conf. name; Para. conf. name; Offs. ALE)

7A84 Hex

31364 Dez

E: DTS connector entry at DPT-FB is not a transport system
R: DPT-FB remains disabled
C: Correct DTS entry
DM: 7-Seg 'C'
KFF (7A84H; Offs. conf. name; Para. conf. name; Offs. ALE)

7A85 Hex

31365 Dez

E: DTS connector entry at DPT-FB is incorrect or unknown
R: DPT-FB remains disabled
C: Correct DTS entry
DM: 7-Seg 'C'
KFF (7A85H; Offs. conf. name; Para. conf. name; Offs. 1.DTS entry)

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- 7A86 Hex 31366 Dez
 E: The HW configuration, determined by the DPT-FB, does not correspond to the value entered at the converter processor board
 R: DPT-FB remains enabled
 C: No correction necessary; fault number is ignored
 DM: 7-Seg 'C'
 KFF (7A86H; Offs. conf. name; Para. conf. name; Offs. 1.DTS entry)
- 7A87 Hex 31367 Dez
 E: Converter module has not entered a HW configuration within the valid waiting period
 R: DPT-FB remains disabled
 C: Inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (7A87H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A88 Hex 31368 Dez
 E: Request channel not operational
 R: DPT-FB remains enabled
 C: Create request not possible; inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (7A88H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A89 Hex 31369 Dez
 E: Invalid request buffer management
 R: DPT-FB remains enabled
 C: Create request not possible; inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (7A89H; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A8A Hex 31370 Dez
 E: Acknowledge channel not operational
 R: DPT-FB remains enabled
 C: Acknowledge evaluation not possible; inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (7A8AH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A8B Hex 31371 Dez
 E: Invalid acknowledge buffer management
 R: DPT-FB remains enabled
 C: Acknowledge evaluation not possible; inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (7A8BH; Offs. conf. name; Para. conf. name; Offs. ALE)
- 7A8C Hex 31372 Dez
 E: Invalid acknowledge status buffer
 R: DPT-FB remains enabled
 C: Acknowledge evaluation not possible; inform SWE; see Chapter 1
 DM: 7-Seg 'C'
 KFF (7A8CH; Offs. conf. name; Para. conf. name; Offs. ALE)

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751042.txt	7.24 Device Reaction - FB
30.11.92	

7A8D Hex

31373 Dez

E: Acknowledge cannot be evaluated
R: DPT-FB remains enabled
C: No correction necessary
DM: 7-Seg 'C'
KFF (7A8DH; Offs. conf. name; Para. conf. name; Offs. ALE)

7A8E Hex

31374 Dez

E: No acknowledge received within 6 seconds
R: DPT-FB remains enabled
C: Acknowledge evaluation not possible; inform SWE; see Chapter 1
DM: 7-Seg 'C'
KFF (7A8EH; Offs. conf. name; Para. conf. name; Offs. ALE)

SIEMENS AG ASI 1 SWE
SIMADYN D

Communications Error Handling
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V 910115.310 751042.txt 30.11.92	8 Miscellaneous 8.1 Hex-, ASCII-Table
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8 Miscellaneous

8.1 Hex-, ASCII-Table

	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f
00																
10																
20		!	"	#	\$	%	&	'	(	)	*	+	,	-	.	/
30	0	1	2	3	4	5	6	7	8	9	:	;	^	Ä	=	Ü ?
40	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
50	P	Q	R	S	T	U	V	W	X	Y	Z	^	Ö	\	] ^	-
60	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	
70	p	q	r	s	t	u	v	w	x	y	z	{		}		
	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f

e.g.: 41 (Hex) = A (ASCII)

V 910115.310 751042.txt 30.11.92	8 Miscellaneous 8.2 Definitions / Abbreviations
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8.2 Definitions / Abbreviations

7-Seg	7-segment display of a processor module
ABS	Address Bus Station
ACK	Acknowledgment
ADE	Job Descriptor Receive
ADVE	Job Descriptor Management Receive
ADVS	Job Descriptor Management Transmit
AGR	Address of Group
AL	Hardware Allocation
ALE	Element Call List
AM	Error Displaying Module
APL	Call parameter List
AR	Address Receive
ARLE	Address Reference List Receive
ASCII	American Standard Code for Information Interchange
AT	Address Transmit
BAU	Bus Activity Control
BCC	Block Checking Character
bx-register	Processor Internal Register, in which for initialization error the interrupt cause is displayed
C	Correction (remedy)
CCR	Communication Connection Receive
CCT	Communication Connection Transmit
CIO	Control Input/Output
CMS	Communication Message System
COP	Communication Operator Panel
CPU	Central Processing Unit
CRC	Cyclic Redundancy Check
CTS	Communication Transport System
DBE	Data Area Receive
DBS	Data Area Transmit
DEC	Decimal Representation
DM	Display Message
DMA	Direct Memory Access
DMV	DMA Delay
DUST	Data Transmission Controller
E	Error Cause
EM	Error Detecting Module
EN	Enable
ESC-INT	Interrupt at changing the external status of SCC
ESR	Event Service Routine
FB	Function Block
FP	Function Package

V 910115.310 751042.txt 30.11.92	8 Miscellaneous 8.2 Definitions / Abbreviations
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H, h	Identifier "Hexa Decimal"
Hex, Hexa	Hexa Decimal Representation
HS	Handshake (operation mode "Sequential" at MMC)
HW	Hardware
INIT	Initialization
IVZ	Initialization Delay Time
KA	Communication Job Function
KADS	Communication Job Function Data Segment
KAN_VL	Channel Management List
KFF	Communications Error Panel
KI	Communication Initialization
KIB	Communication Initialization Block
KLK	Identifier of Logical Channel
KM	Communication Media
KML	Communication Media List
KPN_DATA	Communication Processor Program Data
KSI	Communication System Initialization
LEM	Limit Error Message (LEM = 0: QRS/QTS is not set to log 0 = n: QRS/QTS is set to log 0 for n succeeding errors (warnings), i.e. if YTR/YTS <> 0)
LT	Telegram Length
MA	Message Evaluator
MB	Message Block
MMC	Multi Micro Computer System MMC 216
MP	Master Program
MS	Message System
MVL	MMC Management List
NAK	Negative Acknowledgment
NCR	Number of Channels Receive
NCT	Number of Channels Transmit
ND	Used Data
NMS	Number of Messages
NTR	Number of Trigger Entries
N-Token	Normal Token
Offs	Offset
OS	Operating System
Para	Paragraph
PFB	Location of FB Data
PFP	Location of FP Data
PG	Programming Device
PM	Processor Module
PRK	Parallel Rack Connection
PSK	Parallel Setpoint Cascade
QRS	Binary Output Receive Status
QTS	Binary Output Transmission Status

V 910115.310 751042.txt 30.11.92	8 Miscellaneous 8.2 Definitions / Abbreviations
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(QRS/QTS = log 0: initialization phase of the system;
cyclical operation is disturbed
= log 1: undisturbed cyclical operation)

R	System Response
RAM	Random Access Memory
RF	Refresh
RFD	Ready for Data
Rx	Receive, Receiver
SCC	Serial Communication Controller
SFF	System Error Panel
SimD	SIMADYN D
STX	Start of Text
SW	Software
SWE	Stromrichterwerk Erlangen
TF	Timer Function
Tlg	Telegram
Tlg-FB	Telegram FB (@CCT, @CRT)
TN	Station
TNL	Station List
TP	Telegram Buffer
TS	Transport System
TTD	Time Token Delay
TUU	Token Circulation Time Control
TUZ	Token Control Time
Tx	Transmit, Transmitter
TXC	Transmit Check
UAS	Update Job Search
UK	Unit Keyboard
US1	Service Device (pocket)
U-Token	Update Token
WS	Queue(s)
WSE	Queue Element
WSEZ	Queue Element Addition (call KARUPD or KATNEX)
WSK	Queue Header
YRS	Output Receive Status Word
YTS	Output Transmission Status Word (YRS/YTS = 0: error free transmission <> 0: error code (s.a.))
ZIAN	Digit Display
ZLK	State of Logical Channel

V 910115.310 751042.txt 30.11.92	8 Miscellaneous 8.3 Literature
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8.3 Literature

- /1/ DK-Nr.: 08.60.12, Version: jjmmtt.23
Serieller Bus DUST 4
Becker, ASI SWE TA 14
- /2/ User's Guide, Service
Error Handling, PM General
- /3/ User's Guide, Configuring
Configuring Communications

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