SubMenu

NOKIA

Alarm Documentation and Printout Changes between S9 and S10

NOKIA

Contents

1 About alarm changes

The changes that have been made in alarms between the S9 and S10 BSC sofware releases are described here.

Minor changes that do not have any effect on the functionality of the alarm are not included.

The change descriptions of individual alarms are divided into three groups: alarm documentation, printout changes and alarms parameters. Possible statements are:

- Alarm text changed
- Meaning improved
- Meaning changed
- SIF (Supplementary Information Field) structure changed
- SIF (Supplementary Information Field) values updated
- SIF (Supplementary Information Field) meaning updated
- Instructions improved
- Operating sequence improved
- Cancelling updated

The changed alarm text and supplementary information fields are also described in more detail in the alarm printout part of the change description.

The new alarms in S10 software release are presented in the section of their own. There were no removed alarms between S9 and S10 software releases.

2 New alarms

2.1 0088 ETHERNET INTERFACE SWITCHOVER EXECUTED

Meaning

This notice indicates that software has taken the backing Ethernet interface in use and thus, automatically recovered from an interface failure. In general, there are three possible interface failure sources: the interface itself (that is, the interface equipment on the PIU-side, for example, the Ethernet chip or the connector), the cable, or the equipment on the other end of the cable (for example, an Ethernet switch or a hub).

Note that this notice is used only in computer units with redundant Ethernet interfaces that have been configured to backup each others.

2.2 0090 IP ADDRESS FOR HOT BILLING DATA CHANGED

Meaning

Hot billing system has been changed to send data to a new IP address. The system makes the change because it has lost connection to the old IP address.

Hot billing system continues to work normally, but data is sent to a different IP address.

2.3 0132 CIRCUIT BARRED

Meaning

One trunk circuit or all the trunk circuits of a PCM circuit have been barred after a blocking message has been received.

2.4 0133 CIRCUIT DEBARRED

Meaning

Barring of one trunk circuit or of all the circuits of a PCM circuit has been released after an unblocking message has been received.

2.5 1200 ACTOR HAS FAILED TO REGISTER TO THE SUPERVISION

Meaning

An actor has failed to register to the active supervision.

It is possible that the supervision data table has filled up. This means that the actor supervisor (SVATOR) cannot take more actors under the active supervision. The problem has no effect on the actor supervision already activated.

Apart from the active supervision, all actors are supervised passively, i.e. exceptions made by the actors are always noticed.

If the actor is not supervised actively, the erroneous behaviour (e.g. infinite loops) or the total stopping of the actor is not detected and the recovery actions are not activated. However, if the actor runs without problems the lack of active supervision is not a serious problem.

2.6 1204 WATCHDOG CAUSES UNIT RESTART

Meaning

A critical actor for the functioning of the unit has failed. This kind of actors are e.g. QXFPRB, which activates the recovery functions, and DAQTOR, which takes care of starting other actors.

Actor Supervisor (SVATOR) stops feeding the watchdog feeder actor and this will cause a unit restart.

2.7 1207 UNITS WORKING STATE DATA CORRUPTED IN THE SYSTEM

Meaning

Working state data in the memory of the supervised unit is different from the working state data of the supervised unit in the memory of the supervising unit. The system detects this divergence by itself and begins the actions to correct the problem.

This data divergence can be caused by message transfer errors during the distribution of the working states to functional units. It may cause malfunctioning of the system, and it slows down or may even prevent the automatic recovery actions in the system.

2.8 1210 PHASE ADVANCE OF TIMING SIGNAL CHANGED

Meaning

The phase advance setting of a rack has either been changed to the default value or updated according to the phase advance measurement result.

If the default phase advance value was taken into use, the functional units of the rack which are located far enough from the main clock may have synchronisation problems with the basic timing signals.

If the phase advance value of the rack was updated when some functional units had synchronisation problems, the synchronisation after the updating should work better. This is the case especially when the difference of the old and new phase advance value is big enough. If the difference was only a few measurement units, the updating may have no effects on the basic timing distribution of functional units in the rack.

2.9 1228 UNIT SUPERVISION NOT FUNCTIONING

Meaning

The supervision of the functional unit(s) is not functioning because of a technical problem, or the supervision is stopped by the user for a special reason. If the supervision is stopped by the user, the system starts it automatically after a while (in less than one hour).

The lack of supervision does not prevent normal operation of the system, but it slows down or may even prevent the automatic recovery actions of the unsupervised unit.

2.10 1804 IP ROUTING RESOURCE SHORTAGE

Meaning

The IP Routing feature is experiencing an unexpected resource shortage.

The IP routing capability of the system is temporarily reduced until the routing database has been reconstructed from neighboring routers.

The telephony capabilities of the switch are not affected.

2.11 1911 INVALID URGENCY LEVEL IN TRANSMISSION ALARM

Meaning

Transmission equipment has set an alarm with a different urgency level than the one defined in the BSC alarm system. There is an erroneous alarm urgency level definition either in the transmission equipment or in the BSC, or there is disturbance in the Q1 service channel.

This alarm may affect the performance of the BSC transmission equipment fault management.

2.12 2122 MULTIFRAME MISSING

Meaning

The multiframe of the PCM circuit has been lost. The system cannot use the PCM circuit before the fault has been corrected.

The error situation has no direct effect on charging or announcements.

2.13 2123 REMOTE END MULTIFRAME MISSING

Meaning

The remote end of the PCM circuit issues an alarm because it has lost the multiframe synchronising signal. The system cannot use the PCM circuit for calls before the fault has been corrected.

The error situation has no direct effect on charging or announcements.

2.14 2383 RBS DATA PATH CUT OFF

Meaning

The RBS multiframe alignment has been lost between the signalling terminal and the ET, or the ET does not respond to the status inquiry of the RBS multiframe alignment. The index of the ET in question is included in the first additional information field of this alarm.

When the alarm is active, the speech lines which use the RBS signalling in the ET are out of use, or the system cannot supervise the operation of the RBS signalling because of the problems in the operation of the ET.

2.15 2690 POSIX HAS ENCOUNTERED AN UNRECOVERABLE ERROR

Meaning

The POSIX subsystem has gone into a state in which it cannot be used. As a consequence, the processes which are crucial to the functioning of the unit do not work; network and I/O-devices are not visible, for example.

2.16 2694 ROUTING FILE ERROR

Meaning

A break has been detected in circuit hunting of the routing files, and a corrupted record may prevent the usage of this hunting chain. The switching capacity of the exchange may be severely impaired, if these alarms are generated by a number of different circuit hunting chains/circuit groups.

2.17 2788 DYNAMIC ROUTING LEADS TO AN ILLEGAL ROUTING

Meaning

The subdestination selected by call control is of the wrong type for dynamic routing. The subdestination has been defined to use dynamic routing but it does not lead to an external route, or it leads to a special route (i.e. number modification of the incoming called subscriber number to a desired number) which does not lead to an external route. Thus, this subdestination cannot be used as a routing alternative. If no alternative subdestinations can be found in the desired destination, the call is released. If other subdestinations can be found, they are used in the normal way.

2.18 2798 ERROR IN USING FIFILE

Meaning

There is an error in the feature information control file (FIFILE) or the program block has requested a parameter that does not exist.

Because of this error, the program block that has requested the parameter value does not necessarily work in the way it should in relation to the parameter in question. In these kinds of error situations program block works according to the default value in each case (program block/parameter).

2.19 2816 IP ROUTING CONFIGURATION ERROR

Meaning

The IP Routing configuration is missing or invalid. The system cannot route IP traffic until the configuration has been corrected.

The telephony capabilities of the switch are not affected.

2.20 3011 SCCP DATA MISMATCH

Meaning

SCCP has failed in routing the SCCP signalling message. The failure is caused by the inconsistency in the parameter values in SCCP parameter file. The fault causing the error affects the traffic capacity. The SCCP signalling messages that are not related to any connections are not sent to the signalling points to which this inconsistent parameter set is defined.

2.21 3038 EVENT FORWARDER SUBSCRIBER LIST OVER FLOW

Meaning

Alarm can cause serious problems to the system recovery service or other service which uses Event Forwarding service. From the point of view of the operation of EF service the alarm is not a serious one.

EFOCEF transmits events to the subscribers without caring about their contents. For example, recovery announcements or system configuration informations are events that can be forwarded by EFOCEF.

EFOCEF has a subscriber list for Event Consumers that need Event Forwarding service. When the number of event subscribers exceeds a certain limit, it sets this alarm.

The program block, which failed subscription, may not work properly, which can lead to uncontrolled operations (for example, the program block does not get recovery announcement, which can cause a system crash).

2.22 3045 RECOVERY EVENT SUBSCRIPTION FAILED

Meaning

Recovery event announcing service cannot receive subscriptions. The reason for this is probably the filling up of the data structure used for storing of data.

The program block whose subscription has failed may not be able to react correctly to recovery actions. This may lead to a situation, where controlled recovery actions cannot be performed.

The program block in question may be responsible for e.g. releasing a resource in use during a switchover, and thus it does not receive information about the switchover.

2.23 3053 ETHERNET INTERFACE FAILURE

Meaning

The Ethernet device is faulty or the Ethernet cable is disconnected. TCP/IP packets cannot be sent to network or received from network through this interface.

2.24 3068 EGPRS DYNAMIC ABIS POOL FAILURE

Meaning

The initialisation of EGPRS dynamic Abis pool has failed. The problem can be caused by a connection error between PCUPCM and Abis ETPCM, or the pool information update to PCU has failed. The PCU's ability to transfer EGPRS traffic has been reduced or totally prevented.

2.25 3074 STARTING OF THE MEASUREMENT DATA COLLECTION HAS FAILED

Meaning

Starting of data collection for statistical measurement has failed. The alarm indicates that this measurement does not work.

2.26 3077 WARMING OF SWITCHING DATA HAS FAILED

Meaning

Warming of switching data has failed. As a result, the switching statuses of the spare unit generating the alarm and its active unit do not correspond. When the alarm has already been set, the possible active status of the spare unit may cause disturbances in traffic, for exampl,e failure of signalling links and disconnection of calls. The system will restore the functioning of the signalling links within a few minutes. Warming may also fail, if the load falling on the active unit is too big at the time.

2.27 3080 ERROR IN POSIX CONFIGURATION

Meaning

The alarm is set if executing a command in a POSIX configuration file causes an error. The criticality level for the current line is I (important error). Execution of the configuration file continues but there may be erroneous information left in the system. There is more information about the problem in the computer log.

2.28 3081 SEVERE ERROR IN POSIX CONFIGURATION

Meaning

The alarm is set if executing a command in a POSIX configuration file causes an error. The criticality level for the current line in the configuration file is C (critical error). The system sets the POSIX configuration process into error-state. Therefore, the POSIX configuration cannot continue in the computer unit. There is more information about the problem in the computer log.

2.29 3089 NO RESPONSE TO ICMP ECHO REQUEST

Meaning

The supervision of LAN connections has found the connection from the terminal to the destination IP address to be faulty. To get a connection to the destination IP address, the LAN supervision program makes a switchover to the terminal's other Ethernet interface (a terminal has two LAN ports). If the connection to the destination IP address via the other Ethernet interface is successful, the fault does not prevent the forwarding of IP traffic via the terminal. If not successful, the LAN supervision program sets this alarm for the other Ethernet interface also, and in this case the fault prevents the forwarding of any IP traffic via the terminal. If the LAN supervision program finds out that either of the Ethernet interfaces is still inoperative after a short while, it also sets the alarm 3162, LAN CHANGEOVER FAILURE.

There are many possible reasons for the fault, for example the terminal may be broken, the LAN, to which the terminal is connected is broken, or the destination IP address is unknown.

2.30 3092 NO PROXY HANDS AVAILABLE

Meaning

The POSIX Configuration feature provides means for client programs to request external programs to be run on their behalf (e.g. a client may run "ifconfig" program to configure a network interface or "mount" to gain access to a file system).

If the Command Executing Proxy family (CEPRXY) has no free hands currently available it raises this alarm.

The alarm is cancelled once hands become available again. Because most of the external programs are executed under a time limit, the lack of available hands should not be a permanent occurrence.

2.31 3093 TC REROUTING FAILURE

Meaning

Rerouting of a TC (Transaction Capabilites) message has failed, the message is discarded.

TC rerouting is used when signalling relay function is done at TC user level. In TC rerouting a TC transaction begin message is rerouted to a new destination address and the TC transaction is locally ended.

TC sets the alarm in the case of a failure between TC and TC-user. SCCP (Signalling Connection Control Part) sets the alarm, if the GT analysis of the new called party address of the relayed message leads to the own signalling point. The latter case could cause a loop situation.

The discarding of the rerouted message will cause the TC user level dialogue to fail.

2.32 3114 HOT BILLING DATA TRANSFER USING IP FAILED

Meaning

Hot billing system cannot connect to a post-processing system with an IP protocol, or the connection is lost. As a result, hot billing data cannot be transferred to the post-processing. If Hot Billing data is not included in the normal charging data (bulk data), the Hot Billing data may be lost.

2.33 3121 RESET CIRCUIT ACKNOWLEDGEMENT MISSING FROM MSC

Meaning

Despite attempts, the MSC has not answered the circuit reset messages, which means that the base station circuit in question is not in use.

2.34 3146 FAN UNIT FAILURE

Meaning

Fan unit has been damaged. The plug-in units located in this cabinet might get damaged as a consequence of rising temperature in the cabinet.

2.35 3149 CARTRIDGE POWER FAILURE

Meaning

The voltage source of the cartridge is faulty. The cartridge's power supply has not been backed up with another power source, so the units equipped in the cartridge do not remain functional.

2.36 3157 CARTRIDGE CLOCK FAILURE

Meaning

There is a fault in the timing signal coming to the cartridge or in the plug-in unit giving the alarm (the red indicator light is lit). When the alarm is set, the functionality of the plug-in unit may be lost completely or its functioning is unreliable.

2.37 3162 LAN CHANGEOVER FAILURE

Meaning

The supervision of LAN connections has found that the connection from the terminal to the destination IP address is faulty via both Ethernet interfaces. The fault prevents the forwarding of any IP traffic via the terminal.

There are lots of possible reasons for the fault, for example the terminal may be broken, the LAN, to which the terminal is connected is broken, or the destination IP address is unknown.

2.38 3929 UNDEFINED TRANSMISSION ALARM

Meaning

Transmission equipment has set an alarm which is not defined in the BSC alarm system. A disturbance in the Q1 service channel may also have caused the alarm.

This alarm may affect the performance of the BSC transmission equipment fault management.

2.39 3931 LOCATION MEASUREMENT UNIT CONNECTION FAILURE

Meaning

The connection to Location Measurement Unit (LMU) is lost. Either the Q1 service channel to LMU is not functional or the settings of LMU itself are defective. There may also be erroneus information in the transmission equipment file (Q1EQUI).

The location requests to this LMU area cannot be performed.

2.40 7759 BTS SYNCHRONIZATION SETTING FAILED

Meaning

The setting of the BTS synchronisation has failed. The BTS synchronisation may be lost. In the synchronised BSS the LMU equipment is used as a synchronisation source for the BTS.

This alarm may affect the provided services.

2.41 7760 FAILURE IN PACKET SYSTEM INFORMATION SENDING

Meaning

A failure has occurred in sending the packet system information messages after the recovery measures or configuration changes of the BSS radio network.

The cell in question may be unable to transmit packet switched traffic.

2.42 7861 SERVICE TERMINAL CONNECTED TO ABIS TRANSMISSION EQUIPMENT

Meaning

The service terminal is connected to the TRUx front panel connector. This disconnects the BTS Q1 bus and thus blocks the alarms from the TRUx and the RRxx.

This alarm affects the provided services.

2.43 8040 NO FREE CHANNEL

Meaning

There is no available channel for connection, the channel is not free or the channel cannot be taken in use.

This alarm affects the provided services. The unit is not working properly and the unit services may be lost.

2.44 8047 PAYLOAD MISMATCH

Meaning

A payload type mismatch condition has occurred.

This alarm affects the provided services.

2.45 8057 LOSS OF POINTER

Meaning

Loss of Pointer condition has occurred.

This alarm affects the provided services. The unit is not working properly and the unit services may be lost.

2.46 8206 CONGESTION

Meaning

There is congestion in the equipment or in the plug-in unit. Resource or service has congestion and requested operation cannot be executed.

This alarm affects the provided services. The unit is not working properly and the unit services may be lost.

2.47 8207 CALIBRATION EXPIRED

Meaning

Recalibration is needed.

This alarm may affect the provided services. The unit is not working properly and the unit services may be lost.

2.48 8213 REMOTE DEFECT INDICATION (RDI)

Meaning

A remote end indicates failure in the termination point.

This alarm does not affect the provided services.

2.49 8214 SIGNAL DEGRADED

Meaning

The signal is degraded.

This alarm affects the provided services.

2.50 8215 TRACE IDENTIFIER MISMATCH

Meaning

The trace identifier does not match the expected one.

This alarm affects the provided services.

2.51 8216 UNEQUIPPED SIGNAL

Meaning

Virtual Container (VC) does not carry valid payload data because the cross-connection is not configured.

This alarm affects the provided services.

2.52 8221 VERSION MISMATCH

Meaning

The software or program version is not compatible with the hardware, other software versions or software information.

This alarm affects the provided services. The unit is not working properly and the unit services may be lost.

2.53 8222 CORRUPT DATA

Meaning

The received or stored data is corrupted. The data content is not what it was expected to be.

This alarm affects the provided services. The unit is not working properly and the unit services may be lost.

2.54 8223 PROTECTION SWITCH

Meaning

Switched to a protection path or unit.

This alarm may affect the provided services. The unit is not working properly and the unit services may be lost.

2.55 8230 THRESHOLD CROSSED

Meaning

A piece of equipment has detected a performance monitoring fault.

This alarm does not affect the provided services.

2.56 8250 INVALID TIME

Meaning

This is a transmission equipment alarm generated by a mediator device. The mediator has detected that the time in the alarm is in the future or too far away in the past.

This alarm affects the provided services. The unit is not working properly and the unit services may be lost.

2.57 8264 15 MIN T/RLTS THRESHOLD CROSSED

Meaning

In the radio interface a T/RLTS is a one-second period during which the detected transmitted level (TL) value is higher or the received level (RL) value is lower than a predefined reference threshold. If the number of seconds counted in a time interval is higher than the predefined threshold value, this event is generated.

This alarm affects the provided services. The unit is not working properly and the unit services may be lost.

2.58 8265 24 H T/RLTS THRESHOLD CROSSED

Meaning

In the radio interface a T/RLTS is a one-second period during which the detected transmitted level (TL) value is higher or the received level (RL) value is lower than a predefined reference threshold. If the number of seconds counted in a time interval is higher than a predefined threshold value, this event is generated.

This alarm affects the provided services. The unit is not working properly and the unit services may be lost.

3 Changed alarms

3.1 0026 SIGNALLING LINK LOAD OVER THRESHOLD

Documentation

SIF values updated

Alarm printout, SIF

Old:

1 number of the signalling link
Type: signalling_link_t

2 direction of the signalling traffic

```
01   incoming traffic
02   outgoing traffic
```

Type: byte

3 signalling traffic load (in millierlangs)
Type: word

4 signalling traffic load threshold value (in millierlangs)
Type: word

New:

1 number of the signalling link
Type: signalling_link_t

2 direction of the signalling traffic

```
01   incoming traffic
02   outgoing traffic
```

Type: byte

3 signalling traffic load (in millierlangs)
Type: decimal_word_t

4 signalling traffic load threshold value (in millierlangs)
Type: decimal_word_t

3.2 1044 ERROR IN SWITCH COMPARE TEST

Documentation

Instructions improved

3.3 1045 ERROR BETWEEN MARKER TABLES AND SWITCH CONTROL MEMORY

Documentation

Instructions improved

3.4 1047 NO RESPONSE FROM CONTROLLER OF SWITCHING NETWORK

Documentation

Instructions improved

3.5 1048 CONTROLLER OF SWITCHING NETWORK RESTARTED

Documentation

Instructions improved

3.6 1056 MESSAGE FROM NETWORK TO UNKNOWN SUBSYSTEM

Documentation

SIF values updated

Alarm printout, SIF

Old:

1 type of the SCCP message that has an unknown subsystem as its destination. It can have the following values:

```
01  CR Connection Request
02  CC Connection Confirm
03  CREF Connection Refused
04  RLSD Released
05  RLC Release Complete
06  DT1 Data Form 1
07  DT2 Data Form 2
08  AK Data Acknowledgement
09  UDT Unitdata
0A  UDTS Unitdata Service
0B  ED Expedited Data
0C  EA Expedited Data Acknowledgement
0D  RSR Reset Request
0E  RSC Reset Confirm
0F  ERR Protocol Data Unit Error
10  IT Inactivity Test
11  XUDT Extended Unitdata
12  XUDTS Extended Unitdata Service
```

2 network indicator. It can have the following values:

```
00  international network 0
04  international network 1
08  national network 0
0C  national network 1
```

3 destination point code

4 number of the destination subsystem unknown to SCCP. If the message that is to be routed does not contain a subsystem number, the field's value is FF

5 originating point code

6 number of the originating subsystem. If the message that is to be routed does not contain a subsystem number, the field's value is FF

7 reference number in the DX log. The log contains the incorrect message. If the reference number is not used in the log, the field's value is 0

New:

1 type of the SCCP message that has an unknown subsystem as its destination. It can have the following values:

```
01  CR Connection Request
02  CC Connection Confirm
03  CREF Connection Refused
04  RLSD Released
05  RLC Release Complete
06  DT1 Data Form 1
07  DT2 Data Form 2
08  AK Data Acknowledgement
09  UDT Unitdata
0A  UDTS Unitdata Service
0B  ED Expedited Data
0C  EA Expedited Data Acknowledgement
0D  RSR Reset Request
0E  RSC Reset Confirm
0F  ERR Protocol Data Unit Error
10  IT Inactivity Test
11  XUDT Extended Unitdata
12  XUDTS Extended Unitdata Service
```

```
13  LUDT Long Unitdata
14  LUDTS Long Unitdata Service
```

2 network indicator. It can have the following values:

```
00  international network 0
04  international network 1
08  national network 0
0C  national network 1
```

3 destination point code

4 number of the destination subsystem unknown to SCCP. If the message that is to be routed does not contain a subsystem number, the field's value is FF

5 originating point code

6 number of the originating subsystem. If the message that is to be routed does not contain a subsystem number, the field's value is FF

7 reference number in the DX log. The log contains the incorrect message. If the reference number is not used in the log, the field's value is 0

3.7 1093 OUTPUT FAILURE IN FIELD REPORTING

Documentation

SIF values updated

Alarm printout, SIF

Old:

1 error code given by I/O system.

General error message of the system. You can check its meaning with a command of the service terminal extension MRS (see Service Terminal Essentials, Maintenance Manual), or in the General Error Messages of System, Supplementary References

2 observation type:

```
00   subscriber facilities
01   restarts
02   all service grade data
03   intelligent network (IN) services
04   number of exchange calls
05   clear codes of all calls
06   clear codes of one outgoing number destination
07   clear code groups of number destinations
08   clear code report for one signalling route
09   clear code report for all signalling routes
```

New:

1 error code given by I/O system.
General error message of the system. You can check its meaning in the General Error Messages of System

2 observation type:

```
00   subscriber facilities (FAC)
01   restarts (RES)
02   all grade of service data (SER)
03   intelligent network (IN) services (ACG)
04   number of calls in the exchange (TRF)
05   clear codes of all calls (CLR)
06   clear codes of one outgoing number destination (CLS)
07   clear code groups by number destinations (DES)
08   signalling specific clear codes of specified circuits (SSC)
09   data call clear code groups by number destination (DAT)
0A   data call clear codes (DCL)
0B   signalling specific clear codes of all circuits (SSCA)
```

3.8 1169 FREEZING PERIOD OF SS7 REPORTING LOST

Documentation

Instructions improved

3.9 1578 CONFUSION IN BSSMAP SIGNALING

Documentation

SIF values updated

SIF meaning updated

Alarm printout, SIF

Old:

1 BSSMAP message type

2 cause of refusing the message:

```
51H = invalid message contents
52H = information element or field missing
53H = incorrect value
54H = unknown message type
55H = unknown information element
60H = protocol error between the BSC and the MSC
```

3 direction of the message that caused the alarm

```
0 = self-sent message (the partner exchange has sent the
    Confusion message)
1 = message sent by the partner exchange
```

New:

1	layer 3 BSSMAP message type The message type values can be found in the ETSI document GSM recommendation 08.08, chapter 3.2.2.1 Message Type
2	cause of refusing the message:

```
51H = invalid message contents
52H = information element or field missing
53H = incorrect value
54H = unknown message type
55H = unknown information element
60H = protocol error between the BSC and the MSC
```

3	direction of the message that caused the alarm

```
0 = self-sent message (the partner exchange has sent the
    Confusion message)
1 = message sent by the partner exchange
```

3.10 1683 PASSIVE UNIT FAULTY

Documentation

Meaning improved

SIF structure changed

Alarm printout, SIF

Old:

New:

1	the address of the unit that detected the fault
2	the identifier of the process family that detected the fault
3	the reason for the fault. See General Error Messages of System.
4	the numbers of the first alarms on the basis of which the unit was found faulty If the reason of recovery action was not originated by alarm system, the value is FFFF
5	indicates whether the alarm is set by periodical working state background checking

```
00  alarm is not set by background checking
01  alarm is set by background checking
```

3.11 2002 FILE SPACE ERROR

Documentation

Meaning improved

3.12 2007 FILE UPDATING ON AUXILIARY STORAGE IS NOT PROCEEDING

Documentation

SIF values updated

Alarm printout, SIF

Old:

1 disk identifier

```
00  disk 0
01  disk 1
```

2 general error message of the system. You can check its meaning with a command of the service terminal extension MRS (see Service Terminal Essentials, Maintenance Manual), or in the General Error Messages of System, Supplementary References

Temporary error situations that are resolved automatically: if the error message is PROGRAM BLOCK IN FAILED FIELDS HAS NO RESOURCES FOR REQUESTED TASK, NO FREE DESCRIPTOR SLOT or TIME-OUT ERROR, the disturbance is temporary. The disk update request remains in the queue, the queue stops and the operation continues after the disturbance is over.

The following error messages indicate a situation that might require user action. The queue stops and operation continues only when the fault has been corrected. The error messages are:

```
CHECK SUM ERROR IN MESSAGE
DATA TRANSFER TIME-OUT
DATA VERIFY ERROR
DEVICE NOT IN USE
DISK COMMAND ABORTED
FILE WRITE PROTECTED
FAILURE IN DISK HARDWARE
ERROR IN DISK MEDIUM
EDISKD PROGRAM BLOCK BUSY
DISK WRITE PROTECTED
DMA TERMINATION ERROR
DRIVE NOT READY
END OF DISK FOUND
ERROR BURST CORRECTED
FILE MARKED BAD
ILLEGAL COMMAND TO THIS DEVICE
ILLEGAL COMMAND TO THIS DISK FORMAT
INCORRECT DMA ACCESS
I/O DEVICE IN INCORRECT WORKING STATE
INCORRECT PARAMETER IN TASK
INVALID COMMAND
LATE DMA
MEMORY ALLOCATION ERROR
TIME LIMIT EXCEEDED IN MESSAGE WAITING
NO EQUIPMENT
NO FREE BUFFER
NO RESPONSE FROM DMA
```

```
NO SUCH DIRECTORY ON DISK
OVERLOAD IN I/O SYSTEM
PARITY ERROR
DISK RESERVATION CONFLICT
RESET UNSUCCEEDED
SCSI BUS IS BUSY
SCSI BUS ERROR
SCSI CONTROLLER BUSY
SEGMENT READ ERROR
SEGMENT WRITE ERROR
SENSE DATA TRANSFER FAILED
TIME-OUT ERROR
TIME-OUT ERROR IN I/O SYSTEM
TOO DEEP DIRECTORY PATH
UNCORRECTABLE DATA ERROR
WINCHESTER DISK CHECKSUM ERROR
```

All other error messages indicate a permanent problem that does not, however, stop the disk update queues. In those cases the disk update request is lost and data is not stored on disk

3 identification number of file whose disk update request led to detecting the failure

4 family identifier of the error detector

```
FFFF = detector is unknown
```

5 address of the computer unit in which the error was detected

New:

1 disk identifier

```
00  disk 0
01  disk 1
90  disk is both or only one
```

2 general error message of the system. You can check its meaning with a command of the service terminal extension MRS (see Service Terminal Essentials, Maintenance Manual), or in the General Error Messages of System, Supplementary References

Temporary error situations that are resolved automatically: if the error message is PROGRAM BLOCK IN FAILED FIELDS HAS NO RESOURCES FOR REQUESTED TASK, NO FREE DESCRIPTOR SLOT or TIME-OUT ERROR, the disturbance is temporary. The disk update request remains in the queue, the queue stops and the operation continues after the disturbance is over.

The following error messages indicate a situation that might require user action. The queue stops and operation continues only when the fault has been corrected. The error messages are:

```
CHECK SUM ERROR IN MESSAGE
DATA TRANSFER TIME-OUT
DATA VERIFY ERROR
DEVICE NOT IN USE
DISK COMMAND ABORTED
FILE WRITE PROTECTED
FAILURE IN DISK HARDWARE
ERROR IN DISK MEDIUM
EDISKD PROGRAM BLOCK BUSY
DISK WRITE PROTECTED
```

```
DMA TERMINATION ERROR
DRIVE NOT READY
END OF DISK FOUND
ERROR BURST CORRECTED
FILE MARKED BAD
ILLEGAL COMMAND TO THIS DEVICE
ILLEGAL COMMAND TO THIS DISK FORMAT
INCORRECT DMA ACCESS
I/O DEVICE IN INCORRECT WORKING STATE
INCORRECT PARAMETER IN TASK
INVALID COMMAND
LATE DMA
MEMORY ALLOCATION ERROR
TIME LIMIT EXCEEDED IN MESSAGE WAITING
NO EQUIPMENT
NO FREE BUFFER
NO RESPONSE FROM DMA
NO SUCH DIRECTORY ON DISK
OVERLOAD IN I/O SYSTEM
PARITY ERROR
DISK RESERVATION CONFLICT
RESET UNSUCCEEDED
SCSI BUS IS BUSY
SCSI BUS ERROR
SCSI CONTROLLER BUSY
SEGMENT READ ERROR
SEGMENT WRITE ERROR
SENSE DATA TRANSFER FAILED
TIME-OUT ERROR
TIME-OUT ERROR IN I/O SYSTEM
TOO DEEP DIRECTORY PATH
UNCORRECTABLE DATA ERROR
WINCHESTER DISK CHECKSUM ERROR
```

All other error messages indicate a permanent problem that does not, however, stop the disk update queues. In those cases the disk update request is lost and data is not stored on disk

3 identification number of file whose disk update request led to detecting the failure

4 family identifier of the error detector

```
FFFF = detector is unknown
```

5 address of the computer unit in which the error was detected

3.13 2010 FILE CHAINING ERROR

Documentation

Instructions improved

3.14 2018 DYNAMIC FLAGPOOL FULL

Documentation

Alarm text changed

Meaning changed

Instructions improved

SIF structure changed

SIF values updated

Alarm printout, TEXT

Old: DYNAMIC FLAGPOOL FULL

New: OVERFLOW IN HANDLING ALARM EVENTS

Alarm printout, SIF

Old:

1	alarm number of the alarm event (in BCD-notation) that was not processed as there were no free records.
2	file number of the file that had no free record in order to process an alarm event.
3	first alarm number (in BCD-notation) of the alarm events processed in the filled up area of the file. That there are no free records available does not affect to the processing of such alarm events whose alarm number is smaller than the alarm number given in this field.
4	last alarm number (in BCD-notation) of the alarm events processed in the filled up area of the file. That there are no free records available does not affect to the processing of such alarm events whose alarm number is bigger than the alarm number given in this field. If this and the previous field have the same alarm number as in Supplementary information field 1, it means that there are observations with that number set in such extent that they reserve nearly all the records in the area where these observations are processed.

New:

1	alarm number of the alarm event that was not processed as there were no free records.
2	file number of the file that had no free record in order to process an alarm event
3	further information on the reason for setting this alarm:

```
00  all of the records reserved for handling alarm events having
    the alarm number given in the first supplementary information
    field are already in use.
01  all records in the file are already in use
```

3.15 2045 EXCESSIVE ERRORS BETWEEN SWITCH FILE AND SWITCH CONTROL MEMORY

Documentation

Alarm text changed

Alarm printout, TEXT

Old: EXCESSIVE ERRORS BETWEEN MARKER TABLES AND SWITCH CONTROL MEMORY

New: EXCESSIVE ERRORS BETWEEN SWITCH FILE AND SWITCH CONTROL MEMORY

3.16 2050 PLUG IN UNIT MISSING IN SWITCHING NETWORK

Documentation

Instructions improved

SIF structure changed

SIF values updated

Alarm printout, SIF

Old:

1	index of the plug-in unit (SWCOP or SW32) controlling the switching network

New:

1	type of the plug-in unit controlling the switching network
2	index of the plug-in unit controlling the switching network
3	type of the plug-in unit that caused the alarm FFFF means that the plug-in unit type cannot be determined
4	index of the plug-in unit that caused the alarm FFFF means that the plug-in unit index cannot be determined

Alarm parameters changed

Added prevention rule for alarm 2051.

3.17 2051 POWER FAILURE IN SWITCHING NETWORK

Documentation

Instructions improved

SIF structure changed

SIF values updated

Alarm printout, SIF

Old:

1	index of the plug-in unit (SWCOP) controlling the switching network.

New:

1	type of the plug-in unit controlling the switching network
2	index of the plug-in unit controlling the switching network
3	type of the plug-in unit that caused the alarm FFFF means that the plug-in unit type cannot be determined
4	index of the plug-in unit that caused the alarm FFFF means that the plug-in unit index cannot be determined

3.18 2070 LINK SET UNAVAILABLE

Documentation

SIF values updated

Alarm printout, SIF

Old:

1	number of signalling link set whose links are unavailable.
2	number of links in signalling link set.

New:

1	number of signalling link set whose links are unavailable.
2	number of links in signalling link set.
3	signalling point code
4	signalling network identifier:

```
00  international network 0 (IN0)
04  international network 1 (IN1)
```

```
08  national network 0 (NA0)
0C  national network 1 (NA1)
```

3.19 2087 LOW TRAFFIC CAPACITY ON CIRCUIT GROUP

Alarm parameters changed

Cancelling delay of 5 seconds has been defined for the alarm.

3.20 2246 SCCP ROUTING FAILURE

Documentation

SIF values updated

Alarm printout, SIF

Old:

1 type of error. Possible values are:

```
01  destination point code unknown
02  destination subsystem is unknown
03  originating point code unknown
04  originating subsystem is unknown
```

2 type of the SCCP message the routing of which failed. Possible values are:

```
01  CR Connection Request
02  CC Connection Confirm
03  CREF Connection Refused
04  RLSD Released
05  RLC Release Complete
06  DT1 Data Form 1
07  DT2 Data Form 2
08  AK Data Acknowledgement
09  UDT Unitdata
0A  UDTS Unitdata Service
0B  ED Expedited Data
0C  EA Expedited Data Acknowledgement
0D  RSR Reset Request
0E  RSC Reset Confirm
0F  ERR Protocol Data Unit Error
10  IT Inactivity Test
11  XUDT Extended Unitdata
12  XUDTS Extended Unitdata Service
13  LUDT Long Unitdata
14  LUDTS Long Unitdata Service
```

3 network indicator. Possible values are:

```
00  international network 0, IN0
04  international network 1, IN1
08  national network 0, NA0
0C  national network 1, NA1
```

4 destination point code to which a message was attempted to be sent.

5 number of destination subsystem. If the message to be routed does not include the number of subsystem, the value in the field is FF

6 originating point code. Identifies the signalling point from which the message was sent

7 number of originating subsystem. If the message to be routed does not include the number of subsystem, the value in the field is FF

8 reference number in the DX log. The log contains more information on the error. If the reference number is not used in the log, the value of this field is 0. The same reference number is in the field USER TEXT of the log

New:

1 type of error. Possible values are:

```
01  destination point code unknown
02  destination subsystem is unknown
03  originating point code unknown
04  originating subsystem is unknown
```

2 type of the SCCP message the routing of which failed. Possible values are:

```
01  CR Connection Request
02  CC Connection Confirm
03  CREF Connection Refused
04  RLSD Released
05  RLC Release Complete
06  DT1 Data Form 1
07  DT2 Data Form 2
08  AK Data Acknowledgement
09  UDT Unitdata
0A  UDTS Unitdata Service
0B  ED Expedited Data
0C  EA Expedited Data Acknowledgement
0D  RSR Reset Request
0E  RSC Reset Confirm
0F  ERR Protocol Data Unit Error
10  IT Inactivity Test
11  XUDT Extended Unitdata
12  XUDTS Extended Unitdata Service
```

3 network indicator. Possible values are:

```
00  international network 0, IN0
04  international network 1, IN1
08  national network 0, NA0
0C  national network 1, NA1
```

4 destination point code to which a message was attempted to be sent.

5 number of destination subsystem. If the message to be routed does not include the number of subsystem, the value in the field is FF

6 originating point code. Identifies the signalling point from which the message was sent

7	number of originating subsystem. If the message to be routed does not include the number of subsystem, the value in the field is FF
8	reference number in the DX log. The log contains more information on the error. If the reference number is not used in the log, the value of this field is 0. The same reference number is in the field USER TEXT of the log

3.21 2247 SS7 ERRONEOUS SIGNALLING MESSAGE

Documentation

Meaning improved

SIF values updated

Instructions improved

Alarm printout, SIF

Old:

1	message number of the erroneous signalling message
2	group number of the erroneous signalling message
3	family identifier of the program block which sent the erroneous signalling message
4	process identifier of the program block which sent the erroneous signalling message
5	error (error code) detected in the message coming from the user to the transaction portion (TCAP: 114H ITU and 2B6H ANSI):

```
7025  unidentified primitive
7027  rejection in wrong operational state
7028  user has requested sending of "end" message, although
      no messages have been received from the counter end
7029  invoke identifier of the "cancel" primitive not in use
702B  error in the length of element
702C  SCCP address too long
702E  TCAP message too long
7032  use of TCAP not permitted
7034  no impulses in the message
7036  user has sent the primitive in a wrong state
703A  error in the application context
703B  parameter error in the TC2 message
```

error detected in the message coming from the network to the transaction portion (TCAP: 114H ITU and 2B6H ANSI):

```
7000  unidentified message type
7001  unidentified transaction identifier
7002  transaction portion erroneously coded
7003  faulty transaction portion
7010  unnormal dialogue portion
7011  unidentified dialogue portion
702B  error in the length of element
```

error detected by the SCCP management (SMNPRO 010DH):
The errors are related to the SCCP management messages received from the signalling network.

```
6001  the MTP of own signalling point does not recognize
      the affected signalling point
6002  the SCCP of own signalling point does not recognize
      the affected signalling point
6003  the SCCP of own signalling point does not recognize
      the affected signalling subsystem
6004  type of management message unknown
6005  management message directed to SCCP management subsystem
6006  pointer of the management message coded erroneously
```

error detected by a connectionless network service of the SCCP (SCLPRO 010EH and SEGPRO 0208H):

```
5001  pointer of the message coded erroneously
5002  address coded erroneously
5003  unidentified message type
5004  unidentified message number
5005  erroneous service class
5006  length  indicator coded erroneously
5007  segmenting parameter coded erroneously
```

error detected by a connection-oriented network service of the SCCP (SORPRO 010FH):

```
4001  pointer of the message coded erroneously
4002  address coded erroneously
4003  erroneous service class
4004  erroneous connection identifier
4005  signalling message received is incompatible with the state
```

6 reference number in the DX log.The log contains the erroneous signalling message. If the reference number is not used in the log, the value of this field is 0.

New:

1 message number of the erroneous signalling message

2 group number of the erroneous signalling message

3 family identifier of the program block which sent the erroneous signalling message

4 process identifier of the program block which sent the erroneous signalling message

5 error (error code) detected in the message coming from the user to the transaction portion (TCAP: 114H ITU and 2B6H ANSI):

```
7025  unidentified primitive
7027  rejection in wrong operational state
7028  user has requested sending of "end" message, although
      no messages have been received from the counter end
7029  invoke identifier of the "cancel" primitive not in use
702B  error in the length of element
702C  SCCP address too long
702E  TCAP message too long
7032  use of TCAP not permitted
7034  no impulses in the message
7036  user has sent the primitive in a wrong state
703A  error in the application context
703B  parameter error in the TC2 message
```

error detected in the message coming from the network to the transaction portion (TCAP: 114H ITU and 2B6H ANSI):

```
7000  unidentified message type
7001  unidentified transaction identifier
7002  transaction portion erroneously coded
7003  faulty transaction portion
7010  unnormal dialogue portion
7011  unidentified dialogue portion
702B  error in the length of element
```

error detected by the SCCP management (SMNPRO 010DH):

The errors are related to the SCCP management messages received from the signalling network.

```
6001  the MTP of own signalling point does not recognize
      the affected signalling point
6002  the SCCP of own signalling point does not recognize
      the affected signalling point
6003  the SCCP of own signalling point does not recognize
      the affected signalling subsystem
6004  type of management message unknown
6005  management message directed to SCCP management subsystem
6006  pointer of the management message coded erroneously
```

error detected by a connectionless network service of the SCCP (SCLPRO 010EH and SEGPRO 0208H):

```
5001  pointer of the message coded erroneously
5002  address coded erroneously
5003  unidentified message type
5004  unidentified message number
5005  erroneous service class
5006  length  indicator coded erroneously
5007  segmenting parameter coded erroneously
5008  group identifier of the message coded erroneously
5009  the value of the counter used in detecting loops
      (hop counter) is erroneous.
500A  undefined block error
```

error detected by a connection-oriented network service of the SCCP (SORPRO 010FH):

```
4001  pointer of the message coded erroneously
4002  address coded erroneously
4003  erroneous service class
4004  erroneous connection identifier
4005  signalling message received is incompatible with the state
```

6 reference number in the DX log.The log contains the erroneous signalling message. If the reference number is not used in the log, the value of this field is 0.

3.22 2254 SCCP NOT DEFINED FOR NETWORK

Documentation

SIF values updated

Alarm printout, SIF

Old:

1 type of the SCCP message received:

```
01  CR Connection Request
02  CC Connection Confirm
```

```
03  CREF Connection Refused
04  RLSD Released
05  RLC Release Complete
06  DT1 Data Form 1
07  DT2 Data Form 2
08  AK Data Acknowledgement
09  UDT Unitdata
0A  UDTS Unitdata Service
0B  ED Expedited Data
0C  EA Expedited Data Acknowledgement
0D  RSR Reset Request
0E  RSC Reset Confirm
0F  ERR Protocol Data Unit Error
10  IT Inactivity Test
11  XUDT Extended Unitdata
12  XUDTS Extended Unitdata Service
```

2 signalling network for which the SCCP has not been defined:

```
00  international network 0, IN0
04  international network 1, IN1
08  national network 0, NA0
0C  national network 1, NA1
```

3 destination point code to which the message was attempted to be sent. If the message to be routed does not include the destination point code, the value in the field is FFFFFFFF

4 number of destination subsystem. If the message to be routed does not include the number of subsystem, the value in the field is FF

5 originating point code. Identifies the signalling point from which the message was sent

6 number of originating subsystem. If the message to be routed does not include the number of subsystem, the value in the field is FF

7 reference number in the DX log. The log contains the erroneous message. If the reference number is not used in the log, the value of this field is 0

New:

1 type of the SCCP message received:

```
01  CR Connection Request
02  CC Connection Confirm
03  CREF Connection Refused
04  RLSD Released
05  RLC Release Complete
06  DT1 Data Form 1
07  DT2 Data Form 2
08  AK Data Acknowledgement
09  UDT Unitdata
0A  UDTS Unitdata Service
0B  ED Expedited Data
0C  EA Expedited Data Acknowledgement
0D  RSR Reset Request
0E  RSC Reset Confirm
0F  ERR Protocol Data Unit Error
10  IT Inactivity Test
11  XUDT Extended Unitdata
12  XUDTS Extended Unitdata Service
13  LUDT Long Unitdata
14  LUDTS Long Unitdata Service
```

2 signalling network for which the SCCP has not been defined:

```
00  international network 0, IN0
04  international network 1, IN1
08  national network 0, NA0
0C  national network 1, NA1
```

3 destination point code to which the message was attempted to be sent. If the message to be routed does not include the destination point code, the value in the field is FFFFFFFF

4 number of destination subsystem. If the message to be routed does not include the number of subsystem, the value in the field is FF

5 originating point code. Identifies the signalling point from which the message was sent

6 number of originating subsystem. If the message to be routed does not include the number of subsystem, the value in the field is FF

7 reference number in the DX log. The log contains the erroneous message. If the reference number is not used in the log, the value of this field is 0

3.23 2386 OVERWRITING UNTRANSFERRED VDS-DEVICE DATA FILE

Documentation

Alarm text changed

Meaning improved

SIF structure changed

SIF values updated

Instructions improved

Cancelling updated

Alarm printout, TEXT

Old: OVERWRITING UNTRANSFERRED RING FILE

New: OVERWRITING UNTRANSFERRED VDS-DEVICE DATA FILE

Alarm printout, SIF

Old:

1 application name, for example:

```
GENE00 (= GENERAL VDS DEVICE)
OBSERV (= OBSERVATION REPORTS)
MEASUR (= MEASUREMENT REPORTS)
```

2 number of the VDS device data file that was first overwritten. The alarm also concerns all the data files of this application that were opened when the alarm was active.

New:

1 type of the target disk (either hard disk or removable disk), for example: WDU, FDU.

2 index of the target disk, for example: 00,01,SB

The first and second supplementary information fields can make for example the following combinations: WDU 00, WDU 01, WDU SB FDU 00 or FDU 01.

3 number of the VDS device data file that was first overwritten. The alarm also applies to all the data files of this application, which were opened when the alarm was active.

3.24 2427 MMI SYSTEM FILE ERROR

Documentation

Instructions improved

3.25 2549 FIRST ALARM LIMIT FOR UNAVAILABLE VDS-DEVICE DATA FILES REACHED

Documentation

Meaning improved

SIF structure changed

SIF values updated

Instructions improved

Alarm printout, SIF

Old:

1 application identifier, for example:

```
GENE02 (= GENERAL VDS DEVICE) or
GSMCHA (= GSM CHARGING FILES)
```

2 percentage limit of usage degree exceeded when the alarm is set, for example: 50

3 percentage limit of usage degree under which the alarm is cancelled, for example: 40

New:

1 type of the target disk (either hard disk or removable disk), for example: WDU, FDU

2 index of the target disk, for example: 00,01,SB
The first and second supplementary information fields can make for example the following combinations: WDU 00, WDU 01, WDU SB, FDU 00 or FDU 01.

3 percentage limit of usage degree exceeded when the alarm is set, for example: 50

4 percentage limit of usage degree under which the alarm is cancelled, for example: 40

3.26 2550 SECOND ALARM LIMIT FOR UNAVAILABLE VDS-DEVICE DATA FILES REACHED

Documentation

Meaning improved

SIF structure changed

SIF values updated

Instructions improved

Alarm printout, SIF

Old:

1 application identifier, for example:

```
GENE02 (= GENERAL VDS DEVICE) or
GSMCHA (= GSM CHARGING FILES)
```

2 percentage limit of usage degree that has been exceeded when the alarm is set, for example: 80

3 percentage limit of usage degree under which the alarm is removed, for example: 70

New:

1 type of the target disk (either hard disk or removable disk), for example: WDU, FDU

2	index of the target disk, for example: 00,01,SB The first and second supplementary information fields can make, for example the following combinations: WDU 00, WDU 01, WDU SB, FDU 00 or FDU 01.
3	percentage limit of usage degree that has been exceeded when the alarm is set, for example: 80
4	percentage limit of usage degree under which the alarm is removed, for example: 70

3.27 2551 OUT OF AVAILABLE VDS-DEVICE DATA FILES

Documentation

Meaning improved

SIF structure changed

SIF values updated

Instructions improved

Alarm printout, SIF

Old:

1	application identifier, for example:
	`GENE02 (= GENERAL VDS DEVICE) or`
	`GSMCHA (= GSM CHARGING FILES)`

New:

1	type of the target disk (either hard disk or removable disk), for example: WDU, FDU
2	index of the target disk, for example: 00,01,SB The first and second supplementary information fields can make, for example the following combinations: WDU 00, WDU 01, WDU SB, FDU 00 or FDU 01.

3.28 2596 SCCP REGISTRATION ERROR

Documentation

Meaning improved

SIF values updated

Instructions improved

Alarm printout, SIF

Old:

1 identifier of the network to which the user attempted to register

```
00: IN0, international network 0
04: IN1, international network 1
08: NA0, national network 0
0C: NA1, national network 1
```

2 subsystem whose registration failed

```
05: MAP
06: MAP-HLR
07: MAP-VLR
08: MAP-MSC
09: MAP-EIR
0A: MAP-reserve
FE: BSSAP
```

3 state data

```
FF: sending of the registration denied, state of the subsystem is UA
```

4 reason for the failure

```
00: OK
01: no response to the registration
94: incorrect message
AF: communication error between the SCXADMs in the active CM
     and active CCM
B0: communication error between the active SCXADM and the CCUPDA
B1: communication error between the passive SCXADM and the CCUPDA
B2: communication error between the active and passive SCXADMs
B3: message distribution failed
B4: disk update failed
B5: message distribution and disk update failed
B6: communication error between the active SCXADM and CCUPDA,
     only the passive CM/CAC updated
B7: file updated only in the active CM/CAC
B8: file updated only in the passive CM/CAC
B9: conflict between the files in the active and passive CM/CAC
BA: update of a semipermanent file failed
C9: unknown signalling network
CD: unknown subsystem
DC: illegal parameter
D3: update of a semipermanent file busy
D9: active unit is in incorrect state
DA: switchover
DB: passive unit is in incorrect state
DC: illegal parameter
DF: preparing for switchover
EA: no signalling connection control part is defined to the
     signalling point
EB: no subsystem is defined in the signalling point
F8: illegal message length
```

New:

1 identifier of the network to which the user attempted to register

```
00: IN0, international network 0
04: IN1, international network 1
08: NA0, national network 0
0C: NA1, national network 1
```

2 subsystem whose registration failed

```
01  SCMG
02  TUP
03  ISUP
04  OMAP
05  CAP
05  MAP
06  MAP-HLR
07  MAP-VLR
08  MAP-MSC
09  MAP-EIR
0A  MAP-AUC
0B  ISS
0C  INAP
0D  B-ISDN
0E  TC-TEST
20  USN-SSN
90  SMLC_C
91  GMLC_C
93  GSM_SCF_C
94  SIWF_C
95  SGSN_C
96  GGSN_C
F8  MTX-MUP
F9  HLR-MUP
FE  BSSAP
```

3 state data

```
FF: sending of the registration denied, state of the subsystem is UA
```

4 reason for the failure

```
00: OK
01: no response to the registration
94: incorrect registration message
AF: communication error between the SCXADMs in the active CM
    and active CCM
B3: SDFILE message distribution failed
B4: SDFILE disk update failed
B5: SDFILE message distribution and disk update failed
B7: SDFILE file updated only in the active CM/CAC
B9: SDFILE conflict between the files in the active and passive CM/
CAC
BA: SDFILE file update failed
C9: unknown signalling network
CD: unknown subsystem
D3: update of a semipermanent file busy
D9: active unit is in incorrect state
DA: switchover
DC: illegal parameter in the registration message
DF: preparing for switchover
EA: no signalling connection control part is defined for the
    signalling point
EB: no subsystem is defined in the signalling point
F8: illegal registration message length
```

3.29 2641 FAILURE IN SYNCHRONIZATION SIGNAL

Documentation

Meaning improved

Instructions improved

3.30 2650 STORING OF THE DATA FAILED ON ONE DISK

Documentation

Meaning improved

SIF structure changed

SIF values updated

Instructions improved

Cancelling updated

Alarm printout, SIF

Old:

1 application identifier, for example:

```
GENE00 (= GENERAL VDS DEVICE)
GSMCHA (= GSM CHARGING FILES)
OBSERV (= OBSERVATION REPORTS)
MEASUR (= MEASUREMENT REPORTS)
```

2 index of the faulty hard disk, for example: 00 (= WDU-0)or 01 (= WDU-1)

3 general error message of the system. You can check its meaning with a command of the service terminal extension MRS or in General Error Messages of System, Supplementary References (Note: this field only indicates the situation when the fault first occurs. The reason for the fault may change during subsequent storing without a separate alarm setting.) For example: 10032 (= FAILURE IN DISK HARDWARE)

New:

1 type of the target disk (either hard disk or removable disk), for example: WDU, FDU

2 index of the target disk, for example: 00,01,SB

The first and second supplementary information fields can make, for example the following combinations: WDU 00, WDU 01, WDU SB, FDU 00 or FDU 01.

3 general error message of the system. You can check its meaning with a command of the service terminal extension MRS or in General Error Messages of System, Supplementary References (Note: this field only indicates the situation when the fault first occurs. The reason for the fault may change during subsequent storing without a separate alarm setting.) For example: 10032 (= FAILURE IN DISK HARDWARE)

3.31 2651 STORING OF THE DATA FAILED ON BOTH DISKS

Documentation

Meaning improved

SIF structure changed

SIF values updated

Instructions improved

Cancelling updated

Alarm printout, SIF

Old:

1 application identifier, for example:

```
GENE00 (= GENERAL VDS DEVICE)
GSMCHA (= GSM CHARGING FILES)
OBSERV (= OBSERVATION REPORTS)
MEASUR (= MEASUREMENT REPORTS)
```

2 error code of the WDU-0 hard disk. This is a general error message of the system. You can check its meaning with a command of the service terminal extension MRS or in General Error Messages of System, Supplementary References

(Note: this field only indicates the situation when the fault first occured. The reason for the fault may change during subsequent storing without a separate alarm setting.)

3 error code of the WDU-1 hard disk. This is a general error message of the system. You can check its meaning with a command of the service terminal extension MRS or in General Error Messages of System, Supplementary References

(Note: this field only indicates the situation when the fault first occurred. The reason for the fault may change during subsequent storing without a separate alarm setting.)

New:

1 error code of the WDU-0 hard disk. This is a general error message of the system. You can check its meaning with a command of the service terminal extension MRS or in General Error Messages of System, Supplementary References
(Note: this field only indicates the situation when the fault first occured. The reason for the fault may change during subsequent storing without a separate alarm setting.)

2 error code of the WDU-1 hard disk. This is a general error message of the system. You can check its meaning with a command of the service terminal extension MRS or in General Error Messages of System, Supplementary References
(Note: this field only indicates the situation when the fault first occurred. The reason for the fault may change during subsequent storing without a separate alarm setting.)

3.32 2652 PHYSICAL DISK IS FULL

Documentation

Meaning improved

SIF structure changed

SIF values updated

Instructions improved

Alarm printout, SIF

Old:

1 application identifier, for example:

```
GENE00 (= GENERAL VDS DEVICE)
GSMCHA (= GSM CHARGING FILES)
OBSERV (= OBSERVATION REPORTS)
MEASUR (= MEASUREMENT REPORTS)
```

2 indicates whether the recovery attempt succeeded (Note: this field only indicates the situation when the alarm is first set. If there are several recovery attempts while the alarm is active, no new alarms are set to inform about the success or failure of these recovery attempts.)

```
00 recovery attempt succeeded
40 no recovery needed as the other hard disk is in order
80 recovery attempt failed, search for an existing data file
   failed due to a disk error
81 recovery attempt failed, no existing data file could be
   found
```

3 number of data file of the VDS device creation of which failed (Note: this field only indicates the situation when the alarm is first set. If there are several recovery attempts while the alarm is active, no new alarms are set to inform about the success or failure of these recovery attempts.)

4 number of data file of the VDS device which was jumped into in the recovery attempt (Note: this field only indicates the situation when the alarm is first set. If there are several recovery attempts while the alarm is active, no new alarms are set to inform about the success or failure of these recovery attempts.)

New:

1 type of the target disk (either hard disk or removable disk), for example: WDU, FDU

2 index of the target disk, for example: 00,01,SB

The first and second supplementary information fields can make, for example the following combinations: WDU 00, WDU 01, WDU SB, FDU 00 or FDU 01.

3 indicates whether the recovery attempt succeeded (Note: this field only indicates the situation when the alarm is first set. If there are several recovery attempts while the alarm is active, no new alarms are set to inform about the success or failure of these recovery attempts.)

```
00 recovery attempt succeeded
40 no recovery needed as the other hard disk is
   in order (only when storing target is WDU)
80 recovery attempt failed, search for an existing
   data file failed due to a disk error
81 recovery attempt failed, no existing data file
   could be found
```

4 number of data file of the VDS device creation of which failed (Note: this field only indicates the situation when the alarm is first set. If there are several recovery attempts while the alarm is active, no new alarms are set to inform about the success or failure of these recovery attempts.)

5 number of data file of the VDS device which was jumped into in the recovery attempt (Note: this field only indicates the situation when the alarm is first set. If there are several recovery attempts while the alarm is active, no new alarms are set to inform about the success or failure of these recovery attempts.)

3.33 2653 FAILURE IN THE HANDLING OF CONTROL FILES

Documentation

Meaning improved

SIF structure changed

SIF values updated

Instructions improved

Alarm printout, SIF

Old:

1 application identifier, for example:

```
GENE00 (= GENERAL VDS DEVICE)
GSMCHA (= GSM CHARGING FILES)
OBSERV (= OBSERVATION REPORTS)
MEASUR (= MEASUREMENT REPORTS)
```

2 number of the file in whose handling the error occurred, for example:

```
05E30000 (= VIPARA)
05E40006 (= TTSCOF variant 6)
05E5000A (= TTTCOF variant 10)
```

3 R = an attempt was made to read from the file

W = an attempt was made to write to the file

4 if storing by TTSCOF or TTTCOF succeeded only one of the hard disks, this field informs which WDU is faulty.

(Note: this field only indicates the situation when the fault first occurs. Storing may fail the next time for both hard disks without setting a separate alarm.)

```
00 = event failed on WDU-0
     (status is DX error code of WDU-0)
01 = event failed on WDU-1
     (status is DX error code of WDU-1)
FF = faulty device is not known
     (status is the general error code of the event)
```

5 general error message of the system. You can check its meaning with a command of the service terminal extension MRS or in General Error Messages of System, Supplementary References

(Note: this field only indicates the situation when the fault first occurs. The cause for the fault may change during subsequent storing/reading without setting a separate alarm.)

New:

1 type of the faulty disk (either hard disk or removable disk), for example: WDU, FDU

2	index of the faulty disk, for example: 00,01,SB The first and second supplementary information fields can make for example the following combinations: WDU 00, WDU 01, WDU SB FDU 00 or FDU 01.
3	number of the file in which the handling the error occurred ,for example:

```
05E30000 (= VIPARA)
05E40006 (= TTSCOF variant 6)
05E5000A (= TTTCOF variant 10)
```

4	failed file operation: R = an attempt was made to read from the file W = an attempt was made to write to the file T = an attempt was made to write the TTSCOF (.IMG) used for transmitting files
5	general error message of the system. You can check its meaning with a command of the service terminal extension MRS or in General Error Messages of System, Supplementary References (Note: this field only indicates the situation when the fault first occurs. The cause for the fault may change during subsequent storing/reading without setting a separate alarm.)

3.34 2660 DATABASE MANAGER UNABLE TO EMPTY LOG FILE IN DISK

Documentation

Meaning improved

3.35 2731 FIRST ALARM LIMIT FOR UNAVAILABLE VDS-DEVICE DATA FILES REACHED

Documentation

Alarm text changed

Meaning improved

SIF structure changed

SIF values updated

Instructions improved

Alarm printout, TEXT

Old: FIRST THRESHOLD VALUE FOR RING DISK FILE SYSTEM EXCEEDED

New: FIRST ALARM LIMIT FOR UNAVAILABLE VDS-DEVICE DATA FILES REACHED

Alarm printout, SIF

Old:

1 application identifier, for example:

```
GENE00 (= GENERAL VDS DEVICE)
OBSERV (= OBSERVATION REPORTS)
MEASUR (= MEASUREMENT REPORTS)
```

2 filling ratio percentage that has been exceeded when the alarm was set, for example: 50

3 filling ratio percentage that must be passed under so that the alarm is cancelled, for example: 40

New:

1 type of the target disk (either hard disk or removable disk), for example: WDU, FDU

2 index of the target disk, for example: 00,01,SB

The first and second supplementary information fields can make for example the following combinations: WDU 00, WDU 01, WDU SB FDU 00 or FDU 01.

3 percentage limit of usage degree exceeded when the alarm is set, for example: 50

4 percentage limit of usage degree under which the alarm is cancelled, for example: 40

3.36 2732 SECOND ALARM LIMIT FOR UNAVAILABLE VDS-DEVICE DATA FILES REACHED

Documentation

Alarm text changed

Meaning improved

SIF structure changed

SIF values updated

Instructions improved

Alarm printout, TEXT

Old: SECOND THRESHOLD VALUE FOR RING DISK FILE SYSTEM EXCEEDED

New: SECOND ALARM LIMIT FOR UNAVAILABLE VDS-DEVICE DATA FILES REACHED

Alarm printout, SIF

Old:

1 application identifier, for example:

```
GENE00 (= GENERAL VDS DEVICE)
OBSERV (= OBSERVATION REPORTS)
MEASUR (= MEASUREMENT REPORTS)
```

2 filling ratio percentage that has been exceeded when the alarm was set, for example: 50

3 filling ratio percentage that must be passed under so that the alarm is cancelled, for example: 40

New:

1 type of the target disk (either hard disk or removable disk), for example: WDU, FDU

2 index of the target disk, for example: 00,01,SB

The first and second supplementary information fields can make for example the following combinations: WDU 00, WDU 01, WDU SB FDU 00 or FDU 01.

3 percentage limit of usage degree that has been exceeded when the alarm is set, for example: 80

4 percentage limit of usage degree under which the alarm is removed, for example: 70

3.37 2733 OUT OF AVAILABLE VDS-DEVICE DATA FILES

Documentation

Alarm text changed

Meaning improved

SIF structure changed

SIF values updated

Instructions improved

Alarm printout, TEXT

Old: NO FREE RING DISK FILE

New: OUT OF AVAILABLE VDS-DEVICE DATA FILES

Alarm printout, SIF

Old:

1 application identifier, for example:

```
GENE00 (= GENERAL VDS DEVICE)
OBSERV (= OBSERVATION REPORTS)
MEASUR (= MEASUREMENT REPORTS)
```

New:

1 type of the target disk (either hard disk or removable disk), for example: WDU, FDU

2 index of the target disk, for example: 00,01,SB
The first and second supplementary information fields can make, for example, the following combinations: WDU 00, WDU 01, WDU SB FDU 00 or FDU 01.

3.38 2862 DISK CHECKSUM ERROR

Documentation

Meaning improved

SIF values updated

Instructions improved

Cancelling updated

Alarm printout, SIF

Old:

1 error code
217d : check sum error of the disk directory or block allocation map
You can check the meaning of error codes with a command of the service terminal extension MRS or in General Error Messages of System, Operating Manual.

2 address of the faulty sector on the disk

3 first 8 characters of the faulty directory or file name

New:

1	error code 217d : check sum error of the disk directory or block allocation map You can check the meaning of error codes with a command of the service terminal extension MRS or in General Error Messages of System, Supplementary References
2	address of the faulty sector on the disk
3	first 8 characters of the faulty directory or file name

3.39 2970 LOSS OF SUPERVISION CONNECTION

Documentation

SIF values updated

SIF meaning updated

Alarm printout, SIF

Old:

1	number of Q1 service channel
2	address of alarm unit
3	name of alarm unit

```
TRCU    transcoder unit
SM2M    2 Mbit/s submultiplexer
DN2     dynamic node equipment n x 2 Mbit/s
SSS     supervisory substation
DMR     digital microwave radio
TE      transmission equipment, type not specified
BBM     baseband modem
```

4	number of alarm unit
5	TRCU serial number in case of ET in submultiplexed A interface

```
0 - 3
```

New:

1	number of the Q1 service channel in the BSC
2	transmission equipment Q1 address
3	transmission equipment name
4	transmission equipment index
5	TRCU index if the ET is in the submultiplexed A interface

3.40 2973 SUBMULTIPLEXER HIGHWAY FAULT

Documentation

SIF values updated

SIF meaning updated

Alarm printout, SIF

Old:

1 number of Q1 service channel
2 address of alarm unit
3 name of alarm unit

```
SM2M, 2 Mbit/s Submultiplexer
```

4 number of alarm unit, corresponds to the number of ET PCM
5 alarm category

```
bit 0      (A) prompt maintenance alarm
bit 1      (B) deferred alarm
bit 2      (D) reminder switch is on
bit 3      (S) maintenance alarm
bit 4      (X) alarm situation has changed since the
               previous reset
bit 5      (E) external alarm
bit 6      0
bit 7      0
```

6 number of supervisory block

```
0d         SMHW, Subrate Multiplexer Highway
```

7 fault code

```
21d        loop to interface
22d        loop to device
50d        incoming 2M signal lost
66d        AIS 2M
81d        frame alignment lost
86d        CRC multiframe alignment lost
99d        error ratio > 1E-3
100d       error ratio > 1E-4
102d       error ratio > 1E-6
122d       synchronizing error
124d       synchronizing error in clock restoration
128d       equipment fault
130d       memory fault
141d       forced control on
142d       equipment installation error
148d       reset of equipment
159d       run diagnostics test
179d       remote end alarm
```

New:

1 number of the Q1 service channel in the BSC
2 transmission equipment Q1 address
3 transmission equipment name
4 transmission equipment index

5 fault severity class

```
bit 0      (A) urgent fault alarm
bit 1      (B) deferred alarm
bit 2      (D) reminder switch
bit 3      (S) service alarm
bit 4      (X) alarm situation has changed since the
               last clear
bit 5      (E) external alarm
bit 6      0
bit 7      0
```

6 number of the faulty supervisory block in the transmission equipment. See the equipment manuals for further information

7 fault code number. See the equipment manuals for further information

3.41 2974 SUBMULTIPLEXER LINK PLUG-IN UNIT FAULT

Documentation

SIF values updated

SIF meaning updated

Alarm printout, SIF

Old:

1 number of Q1 service channel

2 address of alarm unit

3 name of alarm unit

```
SM2M, 2 Mbit/s Submultiplexer
```

4 number of alarm unit, corresponds to the number of ET PCM

5 alarm category

```
bit 0      (A) prompt maintenance alarm
bit 1      (B) deferred alarm
bit 2      (D) reminder switch is on
bit 3      (S) maintenance alarm
bit 4      (X) alarm situation has changed since the
               previous reset
bit 5      (E) external alarm
bit 6      0
bit 7      0
```

6 number of supervisory block

```
15d        LK2M, unit 2
20d        LK2M, unit 3
30d        LK2M, unit 4
```

7 fault code

```
28d        blocked
32d        loop to device
50d        incoming 2M signal lost
66d        AIS 2M
```

```
81d         frame alignment lost
86d         CRC multiframe alignment lost
99d         error ratio > 1E-3
100d        error ratio > 1E-4
102d        error ratio > 1E-6
176d        remote end alarm
128d        equipment fault
130d        memory fault
139d        unit missing
141d        forced control on
148d        reset of equipment
```

New:

1 number of the Q1 service channel in the BSC

2 transmission equipment Q1 address

3 transmission equipment name

4 transmission equipment index

5 fault severity class

```
bit 0       (A) urgent fault alarm
bit 1       (B) deferred alarm
bit 2       (D) reminder switch
bit 3       (S) service alarm
bit 4       (X) alarm situation has changed since the
                last clear
bit 5       (E) external alarm
bit 6       0
bit 7       0
```

6 number of the faulty supervisory block in the transmission equipment. See the equipment manuals for further information

7 fault code number. See the equipment manuals for further information

3.42 2975 TRANSCODER UNIT BRANCHING PLUG-IN UNIT FAULT

Documentation

SIF values updated

SIF meaning updated

Alarm printout, SIF

Old:

1 number of Q1 service channel

2 address of alarm unit

3 name of alarm unit

```
TRCU, Transcoder Unit
```

4 number of alarm unit, corresponds to the number of ET PCM

5 TRCU serial number if ET is in submultiplexed A interface

```
0 - 3
```

6 alarm category

```
bit 0       (A) prompt maintenance alarm
bit 1       (B) deferred alarm
bit 2       (D) reminder switch is on
bit 3       (S) maintenance alarm
bit 4       (X) alarm situation has changed since the
                previous reset
bit 5       (E) external alarm
bit 6       0
bit 7       0
```

7 number of supervisory block

```
0d          DB2M, 2 Mbit/s Digital Branching Board, unit 1
```

8 fault code

```
23d         test mode is on
128d        equipment fault
130d        memory fault
141d        forced control on
142d        equipment installation error
148d        reset of equipment
159d        run diagnostics
```

New:

1 number of the Q1 service channel in the BSC

2 transmission equipment Q1 address

3 transmission equipment name

4 transmission equipment index

5 TRCU index if the ET is in the submultiplexed A interface

6 fault severity class

```
bit 0       (A) urgent fault alarm
bit 1       (B) deferred alarm
bit 2       (D) reminder switch
bit 3       (S) service alarm
bit 4       (X) alarm situation has changed since the
                last clear
bit 5       (E) external alarm
bit 6       0
bit 7       0
```

7 number of the faulty supervisory block in the transmission equipment. See the equipment manuals for further information

8 fault code number. See the equipment manuals for further information

3.43 2976 TRANSCODER UNIT MSC INTERFACE FAULT

Documentation

SIF values updated

SIF meaning updated

Alarm printout, SIF

Old:

1 number of Q1 service channel
2 address of alarm unit
3 address of alarm unit

```
TRCU, Transcoder Unit
```

4 number of alarm unit, corresponds to the number of ET PCM
5 TRCU serial number if ET is in submultiplexed A interface

```
0 - 3
```

6 alarm category

```
bit 0      (A) prompt maintenance alarm
bit 1      (B) deferred alarm
bit 2      (D) reminder switch is on
bit 3      (S) maintenance alarm
bit 4      (X) alarm situation has changed since the
               previous reset
bit 5      (E) external alarm
bit 6      0
bit 7      0
```

7 number of supervisory block

```
1d       DB2M 2M interface, direction 1, MSC
```

8 fault code

```
22d        loop to device
50d        incoming 2M signal lost
66d        AIS 2M
81d        frame alignment lost
86d        CRC multiframe alignment lost
99d        error ratio > 1E-3
100d       error ratio > 1E-4
102d       error ratio > 1E-6
176d       remote end alarm
```

New:

1 number of the Q1 service channel in the BSC
2 transmission equipment Q1 address
3 transmission equipment name
4 transmission equipment index
5 TRCU index if the ET is in the submultiplexed A interface
6 fault severity class

```
bit 0      (A) urgent fault alarm
bit 1      (B) deferred alarm
bit 2      (D) reminder switch
bit 3      (S) service alarm
bit 4      (X) alarm situation has changed since the
               last clear
bit 5      (E) external alarm
bit 6      0
bit 7      0
```

7 number of the faulty supervisory block in the transmission equipment. See the equipment manuals for further information
8 fault code number. See the equipment manuals for further information

3.44 2977 TRANSCODER UNIT BSC INTERFACE FAULT

Documentation

SIF values updated

SIF meaning updated

Alarm printout, SIF

Old:

1 number of Q1 service channel
2 address of alarm unit
3 name of alarm unit

```
TRCU, Transcoder Unit
```

4 number of alarm unit, corresponds to the number of ET PCM
5 TRCU serial number if ET is in submultiplexed A interface

```
0 - 3
```

6 alarm category

```
bit 0      (A) prompt maintenance alarm
bit 1      (B) deferred alarm
bit 2      (D) reminder switch is on
bit 3      (S) maintenance alarm
bit 4      (X) alarm situation has changed since the
               previous reset
bit 5      (E) external alarm
bit 6      0
bit 7      0
```

7 number of supervisory block

```
2d       DB2M 2M interface, direction 2, BSC
```

8 fault code

```
22d        loop to device
50d        incoming 2M signal lost
66d        AIS 2M
81d        frame alignment lost
86d        CRC multiframe alignment lost
99d        error ratio > 1E-3
100d       error ratio > 1E-4
102d       error ratio > 1E-6
176d       remote end alarm
```

New:

1 number of the Q1 service channel in the BSC
2 transmission equipment Q1 address
3 transmission equipment name
4 transmission equipment index
5 TRCU index if the ET is in the submultiplexed A interface
6 fault severity class

```
bit 0      (A) urgent fault alarm
bit 1      (B) deferred alarm
bit 2      (D) reminder switch
bit 3      (S) service alarm
```

```
bit 4       (X) alarm situation has changed since the
                last clear
bit 5       (E) external alarm
bit 6       0
bit 7       0
```

7 number of the faulty supervisory block in the transmission equipment. See the equipment manuals for further information

8 fault code number. See the equipment manuals for further information

3.45 2978 TRANSCODER UNIT TRC15 CHANNEL FAILURE

Documentation

SIF values updated

SIF meaning updated

Alarm printout, SIF

Old:

1 number of Q1 service channel

2 address of alarm unit

3 name of alarm unit

```
TRCU, Transcoder Unit
```

4 number of alarm unit, corresponds to the number of ET PCM

5 TRCU serial number if ET is in submultiplexed A interface

```
0 - 3
```

6 alarm category

```
bit 0       (A) prompt maintenance alarm
bit 1       (B) deferred alarm
bit 2       (D) reminder switch is on
bit 3       (S) maintenance alarm
bit 4       (X) alarm situation has changed since the
                previous reset
bit 5       (E) external alarm
bit 6       0
bit 7       0
```

7 number of faulty channnel

```
1d          TRC15 plug-in unit, unit 3, channel 1
2d          TRC15 plug-in unit, unit 3, channel 2
---
15d         TRC15 plug-in unit, unit 3, channel 15
17d         TRC15 plug-in unit, unit 4, channel 17
18d         TRC15 plug-in unit, unit 4, channel 18
---
31d         TRC15 plug-in unit, unit 4, channel 31
```

8 fault code

```
22d         loop to device
65d         AIS 64 kbit/s
```

```
72d         AIS 16 kbit/s
122d        synchronizing error
```

New:

1 number of the Q1 service channel in the BSC
2 transmission equipment Q1 address
3 transmission equipment name
4 transmission equipment index
5 TRCU index if the ET is in the submultiplexed A interface
6 fault severity class

```
bit 0       (A) urgent fault alarm
bit 1       (B) deferred alarm
bit 2       (D) reminder switch
bit 3       (S) service alarm
bit 4       (X) alarm situation has changed since the
                last clear
bit 5       (E) external alarm
bit 6       0
bit 7       0
```

7 number of the faulty channel
8 fault code number. See the equipment manuals for further information

3.46 2979 TRANSCODER UNIT TRAU BUS FAULT

Documentation

SIF values updated

SIF meaning updated

Alarm printout, SIF

Old:

1 number of Q1 service channel
2 address of alarm unit
3 name of alarm unit

```
TRCU, Transcoder Unit
```

4 number of alarm unit, corresponds to the number of ET PCM
5 TRCU serial number if ET is in submultiplexed A interface

```
0 - 3
```

6 alarm category

```
bit 0       (A) prompt maintenance alarm
bit 1       (B) deferred alarm
bit 2       (D) reminder switch is on
bit 3       (S) maintenance alarm
bit 4       (X) alarm situation has changed since the
                previous reset
bit 5       (E) external alarm
```

```
bit 6       0
bit 7       0
```

7 number of supervisory block

```
34d         TRAU, Transcoder Rate Adaptation Unit Bus
```

8 fault code

```
131d        fault in internal bus
```

New:

1 number of the Q1 service channel in the BSC

2 transmission equipment Q1 address

3 transmission equipment name

4 transmission equipment index

5 TRCU index if the ET is in the submultiplexed A interface

6 fault severity class

```
bit 0       (A) urgent fault alarm
bit 1       (B) deferred alarm
bit 2       (D) reminder switch
bit 3       (S) service alarm
bit 4       (X) alarm situation has changed since the
                last clear
bit 5       (E) external alarm
bit 6       0
bit 7       0
```

7 number of faulty supervisory block in transmission equipment. See the equipment manuals for further information

8 fault code number. See the equipment manuals for further information

3.47 2980 TRANSCODER UNIT CROSS CONNECT PLUG-IN UNIT FAULT

Documentation

SIF values updated

SIF meaning updated

Alarm printout, SIF

Old:

1 number of Q1 service channel

2 address of alarm unit

3 name of alarm unit

```
TRCU, Transcoder Unit
```

4 number of alarm unit, corresponds to the number of ET PCM

5 TRCU serial number if ET is in submultiplexed A interface

```
0 - 3
```

6 alarm category

```
bit 0       (A) prompt maintenance alarm
bit 1       (B) deferred alarm
bit 2       (D) reminder switch is on
bit 3       (S) maintenance alarm
bit 4       (X) alarm situation has changed since the
                previous reset
bit 5       (E) external alarm
bit 6       0
bit 7       0
```

7 number of supervisory block

```
36d         DX2M, 2 Mbit/s Digital Cross Connect Board, unit 2
```

8 fault code

```
23d         test mode is on
112d        frequency error
122d        synchronization failure
124d        synchronization failure in clock restoration
128d        equipment fault
130d        memory fault
136d        fault in AIS oscillator
141d        forced control on
142d        equipment installation error
148d        equipment reset
159d        run diagnostics
```

New:

1 number of the Q1 service channel in the BSC

2 transmission equipment Q1 address

3 transmission equipment name

4 transmission equipment index

5 TRCU index if the ET is in the submultiplexed A interface

6 fault severity class

```
bit 0       (A) urgent fault alarm
bit 1       (B) deferred alarm
bit 2       (D) reminder switch
bit 3       (S) service alarm
bit 4       (X) alarm situation has changed since the
                last clear
bit 5       (E) external alarm
bit 6       0
bit 7       0
```

7 number of the faulty supervisory block in the transmission equipment. See the equipment manuals for further information

8 fault code number. See the equipment manuals for further information

3.48 2981 SUPERVISORY SUBSTATION ALARM

Documentation

SIF values updated

SIF meaning updated

Alarm printout, SIF

Old:

1 number of Q1 service channel
2 address of alarm unit
3 name of alarm unit

```
SSS, Supervisory Substation
```

4 number of alarm unit
5 number of functional block

```
00          supervisory substation itself
01 - 20     digital inputs
21 - 29     analogical inputs
```

6 alarm category

```
bit 0       (A) prompt maintenance alarm
bit 1       (B) deferred alarm
bit 2       (D) reminder switch is on
bit 3       (S) maintenance alarm
bit 4       (X) alarm situation has changed since the
                previous reset
bit 5       (E) external alarm
bit 6       0
bit 7       0
```

New:

1 number of the Q1 service channel in the BSC
2 transmission equipment Q1 address
3 transmission equipment name
4 transmission equipment index
5 number of functional element
6 fault severity class

```
bit 0       (A) urgent fault alarm
bit 1       (B) deferred alarm
bit 2       (D) reminder switch
bit 3       (S) service alarm
bit 4       (X) alarm situation has changed since the
                last clear
bit 5       (E) external alarm
bit 6       0
bit 7       0
```

3.49 2982 TRANSCODER UNIT TRC15 CHANNEL EQUIPMENT OR MEMORY FAULT

Documentation

SIF values updated

SIF meaning updated

Alarm printout ,SIF

Old:

1 number of Q1 service channel
2 address of alarm unit
3 name of alarm unit

```
TRCU, Transcoder Unit
```

4 number of alarm unit, corresponds to the number of ET PCM
5 TRCU serial number if ET is in submultiplexed A interface

```
0 - 3
```

6 alarm category

```
bit 0      (A) prompt maintenance alarm
bit 1      (B) deferred alarm
bit 2      (D) reminder switch is on
bit 3      (S) maintenance alarm
bit 4      (X) alarm situation has changed since the
               previous reset
bit 5      (E) external alarm
bit 6      0
bit 7      0
```

7 number of faulty channel

```
1d         TRC15 plug-in unit, unit 3, channel 1
2d         TRC15 plug-in unit, unit 3, channel 2
---
15d        TRC15 plug-in unit, unit 3, channel 15
17d        TRC15 plug-in unit, unit 4, channel 17
18d        TRC15 plug-in unit, unit 4, channel 18
---
31d        TRC15 plug-in unit, unit 4, channel 31
```

8 fault code

```
128d       equipment fault
130d       memory fault
```

New:

1 number of the Q1 service channel in the BSC
2 transmission equipment Q1 address
3 transmission equipment Q1 address
4 transmission equipment Q1 address
5 TRCU index if the ET is in the submultiplexed A interface
6 fault severity class

```
bit 0      (A) urgent fault alarm
bit 1      (B) deferred alarm
```

```
bit 2       (D) reminder switch
bit 3       (S) service alarm
bit 4       (X) alarm situation has changed since the
                last clear
bit 5       (E) external alarm
bit 6       0
bit 7       0
```

7	number of the faulty channel
8	fault code number. See the equipment manuals for further information

3.50 3073 FAULTY PCUPCM TIMESLOTS IN PCU

Documentation

Meaning improved

SIF meaning updated

Alarm printout, SIF

Old:

1	PCU plug in unit index
2	amount of faulty channels at the moment when this alarm was set

New:

1	PCU plug in unit index
2	amount of faulty 16 kbit/s timeslots at the moment when this alarm was set

3.51 7195 BTS/RTC:TX ANTENNA FAULTY

Documentation

Cancelling updated

3.52 7221 BTS/ RECEIVER ANTENNA TEST, ANTENNA PERFORMANCE DEGRADED

Documentation

Cancelling updated

3.53 7591 ANTENNA FAULTY

Documentation

Cancelling updated

3.54 7600 BCF FAULTY

Documentation

Instructions improved

3.55 7601 BCF OPERATION DEGRADED

Documentation

Instructions improved

3.56 7711 WORKING FULL RATE TCH RATIO BELOW THRESHOLD

Documentation

Meaning improved

3.57 7712 WORKING SDCCH CHANNEL RATIO BELOW THRESHOLD

Documentation

Meaning improved

3.58 7717 WORKING HALF RATE TCH RATIO BELOW THRESHOLD

Documentation

Meaning improved

3.59 7723 FAILURE IN SENDING SYSTEM INFORMATION TO BTS SITE

Documentation

SIF values updated

SIF meaning updated

Alarm printout, SIF

Old:

1 task in which the error occurred

```
03   failure in the TRX
04   cancelling of the TRX failure
06   cancelling of a cell-specific failure
0A   restart of the BTS site
0B   a correction request of the TRX configuration from the call
control
0C   BTS/TRX Unlock command given by means of an MML command
0D   configuration change done by means of an MML command
0E   battery backup recovery of the BTS site
12   sending of periodic system information
13   updating of access classes
14   restart of the TRX
15   blocking due to background parameter update
16   deblocking due to background parameter update
17   updating background parameter changes
```

2 general error message of the system. You can check its meaning with a command of the service terminal extension MRS or in the General Error Messages of System, Operating Manual

New:

1 task in which the error occurred

```
03   failure in the TRX
04   cancelling of the TRX failure
06   cancelling of a cell-specific failure
09   restart of the BCSU
0A   restart of the BTS site
0B   a correction request of the TRX configuration from the call
     control
0C   BTS/TRX Unlock command given by means of an MML command
0D   configuration change done by means of an MML command
```

```
0E   battery backup recovery of the BTS site
12   sending of periodic system information
13   updating of access classes
14   restart of the TRX
15   blocking due to background parameter update
16   deblocking due to background parameter update
17   updating background parameter changes
```

2 general error message of the system. You can check its meaning with a command of the service terminal extension MRS or in the General Error Messages of System, Supplementary References

3.60 7724 CONFLICT BETWEEN BSS RADIO NETWORK DATABASE AND CALL CONTROL

Documentation

SIF values updated

SIF meaning updated

Instructions improved

Alarm printout, SIF

Old:

1 type of the error

```
01   error in updating the operational state of the radio network
02   error in updating the TRX configuration
03   error in updating the frequency hopping parameters
04   error in updating the background parameters
```

2 task in which the error occurred

```
01   failure in the TSL
02   cancelling of the TSL failure
03   failure in the TRX
04   cancelling of the TRX failure
05   cell-specific failure
06   cancelling of a cell-specific failure
07   a BTS-site-specific failure
08   cancelling of a BTS-site-specific failure
09   restart of the BCSU
0A   restart of the BTS site
0B   correction request of the TRX configuration from
     the call control
0C   BTS/TRX Unlock command given by means of an MML command
0E   battery backup recovery of the BTS site
0F   testing of the TSL
14   restart of the TRX
15   blocking due to background parameter update
16   deblocking due to background parameter update
17   updating background parameter changes
```

3 family identity of the application process whose update failed

```
1B3  RCSPRB
1B4  RRMPRB
```

```
1BF   ABIPRB
1EB   CBHPRB
```

4 general error message of the system. You can check its meaning with a command of the service terminal extension MRS or in the General Error Messages of System, Supplementary References

New:

1 type of the error

```
01    error in updating the operational state of the radio network
02    error in updating the TRX configuration
03    error in updating the frequency hopping parameters
04    error in updating the background parameters
```

2 task in which the error occurred

```
01    failure in the TSL
02    cancelling of the TSL failure
03    failure in the TRX
04    cancelling of the TRX failure
05    cell-specific failure
06    cancelling of a cell-specific failure
07    a BTS-site-specific failure
08    cancelling of a BTS-site-specific failure
09    restart of the BCSU
0A    restart of the BTS site
0B    correction request of the TRX configuration from
      the call control
0C    BTS/TRX Unlock command given by means of an MML command
0D    object modified by MML
0E    battery backup recovery of the BTS site
0F    testing of the TSL
14    restart of the TRX
15    blocking due to background parameter update
16    deblocking due to background parameter update
17    updating background parameter changes
```

3 family identity of the application process whose update failed

```
1B3   RCSPRB
1B4   RRMPRB
1BF   ABIPRB
1EB   CBHPRB
434   Process in the PCU plug-in unit
```

4 general error message of the system. You can check its meaning with a command of the service terminal extension MRS or in the General Error Messages of System, Supplementary References

3.61 7726 CELL IN MINIMUM CONFIGURATION

Documentation

Meaning improved

3.62 7730 CONFIGURATION OF BCF FAILED

Documentation

Meaning improved

SIF values updated

Instructions improved

Alarm printout, SIF

Old:

1 general error message of the system. You can check its meaning with a command of the service terminal extension MRS or in the General Error Messages of System, Supplementary References

```
29B3  OML_FAILURE_EC
      configuring the BCF failed because of the O&M link state
2B90  NBR_OF_FUS_NOT_CONSISTENT_EC
      number of frame units is not consistent with the BTS
      database
2B91  BTS_DATABASE_DOES_NOT_EXIST_EC
      BTS database does not exist
2B92  NBR_OF_CUS_NOT_CONSISTENT_EC
      number of carrier units is not consistent with the BTS
      database
2B93  DB_CREATED_BY_OLD_MMI_VERS_EC
      database was created with an old MMI version
2B94  INVALID_OBJ_TYPE_IN_MSG_EC
      message contains an invalid object type
2C65  ILLEGAL_DB_FORMAT_EC
      BTS does not support the database format
2C6B  INV_CELL_CONFIG_EC
      cell configuration is not compatible with the current
      hardware
2C6C  INV_HOPPING_MODE_EC
      hopping mode is invalid due to the restrictions of the
      hardware
2C6D  NO_FTRX_EC
      BTS has no floating TRXs
2CD6  NBR_OF_TRX_EC
      number of TRXs in the configuration message is not consistent
      with the BTS
2B9D  GUP_ACK_TIMEOUT_EC
      radio network configuration management system is temporarily
      out of resources
2B95  RESP_FROM_BTS_TIMEOUT_EC
      BTS has not responded within time supervision
2B98  CONF_COMPL_TIMEOUT_EC
      configuration was not completed within time supervision
325C  STATE_CHANGED_NOT_RECEIVED_EC
      BSC has not received the BTS_STATE_CHANGED message because
      TRX configuration failed
3483  REALTIME_UPD_OML_FAIL_EC
      updating the current time failed because of a O&M link fault
00FF  UNSUCCESSFUL_EC
      other malfunction between the BSC and the BTS
```

New:

1	general error message of the system. You can check its meaning with a command of the service terminal extension MRS or in the General Error Messages of System, Supplementary References

```
  255 UNSUCCESSFUL_EC
      other malfunction between the BSC and the BTS
10675 OML_FAILURE_EC
      configuring the BCF failed because of the O&M link state
11152 NBR_OF_FUS_NOT_CONSISTENT_EC
      number of frame units is not consistent with the BTS
      database
11153 BTS_DATABASE_DOES_NOT_EXIST_EC
      BTS database does not exist
11154 NBR_OF_CUS_NOT_CONSISTENT_EC
      number of carrier units is not consistent with the BTS
      database
11155 DB_CREATED_BY_OLD_MMI_VERS_EC
      database was created with an old MMI version
11156 INVALID_OBJ_TYPE_IN_MSG_EC
      message contains an invalid object type
11157 RESP_FROM_BTS_TIMEOUT_EC
      BTS has not responded within time supervision
11160 CONF_COMPL_TIMEOUT_EC
      configuration was not completed within time supervision
11165 GUP_ACK_TIMEOUT_EC
      radio network configuration management system is temporarily
      out of resources
11365 ILLEGAL_DB_FORMAT_EC
      BTS does not support the database format
11371 INV_CELL_CONFIG_EC
      cell configuration is not compatible with the current
      hardware
11372 INV_HOPPING_MODE_EC
      hopping mode is invalid due to the restrictions of the
      hardware
11373 NO_FTRX_EC
      BTS has no floating TRXs
11478 NBR_OF_TRX_EC
      number of TRXs in the configuration message is not consistent
      with the BTS
12892 STATE_CHANGED_NOT_RECEIVED_EC
      BSC has not received the BTS_STATE_CHANGED message because
      TRX configuration failed
13443 REALTIME_UPD_OML_FAIL_EC
      updating the current time failed because of a O&M link fault
14951 REALTIME_UPD_OML_BUSY_EC
      updating the current time failed because of O&M link busy
14969 TRX_NOT_EDGE_CAPABLE_EC
      all TRXs under under BTS must be EDGE capable when EGPRS is
      enabled in BTS
```

3.63 7738 BTS WITH NO TRANSACTIONS

Alarm parameters changed

Information delay and cancelling delay removed

3.64 7974 BOOSTER TEMPERATURE TOO HIGH

Documentation

Meaning improved

Alarm parameters changed

Alarm class changed from ** alarm to *** alarm

3.65 7975 BOOSTER TX CONNECTION FAULTY

Documentation

Meaning improved

Alarm parameters changed

Alarm class changed from ** alarm to *** alarm

3.66 7976 BOOSTER GAIN LEVEL TOO LOW

Documentation

Meaning improved

Alarm parameters changed

Alarm class changed from ** alarm to *** alarm

3.67 7995 MAINS BREAKDOWN WITH BATTERY BACK-UP

Alarm parameters changed

Alarm class changed from ** alarm to * alarm

3.68 8185 CONNECTION OR SETTINGS HAVE CHANGED

Alarm parameters changed

Alarm class changed from DISTURBANCE to NOTICE

4 Alarm parameter lists

4.1 DX 200 alarm parameters for Notices

ALARM	CLS	OUT	IDL	IDD	CDL	ALV
0002	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0009	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0012	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0013	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0015	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0016	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0017	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0018	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0020	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0021	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0026	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0027	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0032	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0033	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0036	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0037	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0048	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0061	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0070	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0071	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0072	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0073	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0074	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0075	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0088	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0090	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0132	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0133	NOTICE	NONE	00:00	00:00	00:00	00:00:10
0240	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0270	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0421	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0422	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0430	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0554	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0590	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0599	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0630	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0660	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0661	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0689	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0690	NOTICE	NONE	00:00	00:00	00:00	00:00:01
0691	NOTICE	NONE	00:00	00:00	00:00	00:00:01
0697	NOTICE	NONE	00:00	00:00	00:00	00:00:01
0800	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0801	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0804	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0830	NOTICE	NONE	00:00	00:00	00:00	00:00:15

0860	NOTICE	NONE	00:00	00:00	00:00	00:00:15
0890	NOTICE	NONE	00:00	00:00	00:00	00:00:01

4.2 DX alarm parameters for Disturbance Printouts

ALARM	CLS	OUT	IDL	IDD	CDL	ALV
1001	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1002	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1003	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1004	DISTUR	NONE	00:00	00:00	00:00	00:01:15
1005	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1007	DISTUR	NONE	00:00	00:00	00:00	00:02:15
1008	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1010	DISTUR	NONE	00:00	00:00	00:00	00:03:00
1012	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1014	DISTUR	NONE	00:00	00:00	00:00	00:01:15
1015	DISTUR	NONE	00:00	00:00	00:00	00:02:15
1016	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1018	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1019	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1020	DISTUR	NONE	00:00	00:00	00:00	00:05:00
1021	DISTUR	NONE	00:00	00:00	00:00	00:05:00
1022	DISTUR	NONE	00:00	00:00	00:00	00:02:15
1023	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1024	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1028	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1029	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1033	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1034	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1035	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1044	DISTUR	NONE	00:00	00:00	00:00	00:00:40
1045	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1047	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1048	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1049	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1056	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1058	DISTUR	NONE	00:00	00:00	00:00	00:00:40
1061	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1062	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1064	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1065	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1070	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1071	DISTUR	NONE	00:00	00:00	00:00	00:01:00
1072	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1076	DISTUR	NONE	00:00	00:00	00:00	00:01:00
1077	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1078	DISTUR	NONE	00:00	00:00	00:00	00:10:00
1080	DISTUR	NONE	00:00	00:00	00:00	00:10:00
1082	DISTUR	NONE	00:00	00:00	00:00	00:10:00
1083	DISTUR	NONE	00:00	00:00	00:00	00:10:00
1089	DISTUR	NONE	00:00	00:00	00:00	00:01:00
1090	DISTUR	NONE	00:00	00:00	00:00	00:01:00
1092	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1093	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1095	DISTUR	NONE	00:00	00:00	00:00	00:02:00
1098	DISTUR	NONE	00:00	00:00	00:00	00:10:00
1103	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1105	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1125	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1128	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1136	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1137	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1140	DISTUR	NONE	00:00	00:00	00:00	00:10:00
1141	DISTUR	NONE	00:00	00:00	00:00	00:00:15

1142	DISTUR	NONE	00:00	00:00	00:00	00:10:00
1143	DISTUR	NONE	00:00	00:00	00:00	00:10:00
1144	DISTUR	NONE	00:00	00:00	00:00	00:05:00
1147	DISTUR	NONE	00:00	00:00	00:00	00:10:00
1148	DISTUR	NONE	00:00	00:00	00:00	00:10:00
1162	DISTUR	NONE	00:00	00:00	00:00	00:02:00
1165	DISTUR	NONE	00:00	00:00	00:00	00:10:00
1169	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1178	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1182	DISTUR	NONE	00:00	00:00	00:00	00:02:00
1190	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1200	DISTUR	NONE	00:00	00:00	00:00	00:01:00
1204	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1207	DISTUR	NONE	00:00	00:00	00:00	00:00:50
1210	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1228	DISTUR	NONE	00:00	00:00	00:00	00:00:50
1234	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1240	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1241	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1242	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1250	DISTUR	NONE	00:00	00:00	00:00	00:05:00
1251	DISTUR	NONE	00:00	00:00	00:00	00:05:00
1252	DISTUR	NONE	00:00	00:00	00:00	00:05:00
1253	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1254	DISTUR	NONE	00:00	00:00	00:00	00:05:00
1255	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1256	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1260	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1261	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1262	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1263	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1264	DISTUR	NONE	00:00	00:00	00:00	00:05:00
1280	DISTUR	NONE	00:00	00:00	00:00	00:04:00
1400	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1423	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1425	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1431	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1432	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1548	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1557	DISTUR	NONE	00:00	00:00	00:00	00:10:00
1569	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1570	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1578	DISTUR	NONE	00:00	00:00	00:00	00:03:00
1580	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1582	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1583	DISTUR	NONE	00:00	00:00	00:00	00:01:00
1585	DISTUR	NONE	00:00	00:00	00:00	00:05:00
1588	DISTUR	NONE	00:00	00:00	00:00	00:05:00
1590	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1597	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1598	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1623	DISTUR	NONE	00:00	00:00	00:00	00:02:00
1630	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1660	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1661	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1662	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1663	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1682	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1683	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1684	DISTUR	NONE	00:00	00:00	00:00	00:10:10
1685	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1687	DISTUR	NONE	00:00	00:00	00:00	00:01:15
1688	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1800	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1801	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1802	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1804	DISTUR	NONE	00:00	00:00	00:00	-
1850	DISTUR	NONE	00:00	00:00	00:00	00:05:00

1860	DISTUR	NONE	00:00	00:00	00:00	00:01:15
1881	DISTUR	NONE	00:00	00:00	00:00	00:01:30
1882	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1884	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1885	DISTUR	NONE	00:00	00:00	00:00	00:01:05
1886	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1887	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1891	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1893	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1894	DISTUR	NONE	00:00	00:00	00:00	00:03:00
1895	DISTUR	NONE	00:00	00:00	00:00	00:01:30
1900	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1901	DISTUR	NONE	00:00	00:00	00:00	00:00:15
1911	DISTUR	NONE	00:00	00:00	00:00	00:00:15

4.3 DX alarm parameters for Failure Printouts

Note

The following parameter settings are the default settings. The operator can modify the settings with an MML command.

ALARM		CLS	OUT	IDL	IDD	CDL	ALV
2002	**	ALARM	5	00:00	00:00	00:00	-
2004	**	ALARM	5	00:00	00:00	00:00	-
2005	*	ALARM	NONE	00:00	00:00	00:00	-
2006	**	ALARM	5	00:00	00:00	00:00	-
2007	**	ALARM	5	00:00	00:00	00:00	-
2008	**	ALARM	5	00:00	00:00	00:00	-
2009	**	ALARM	5	00:00	00:00	00:00	-
2010	**	ALARM	5	00:00	00:00	00:00	-
2012	**	ALARM	5	00:00	00:00	00:00	-
2013	*	ALARM	NONE	00:00	00:00	00:00	-
2014	*	ALARM	NONE	00:00	00:00	00:00	-
2015	**	ALARM	5	00:00	00:00	00:00	-
2017	**	ALARM	5	00:00	00:00	00:00	-
2018	**	ALARM	5	00:00	00:00	00:00	-
2022	**	ALARM	5	00:00	00:00	00:00	-
2023	**	ALARM	5	00:00	00:00	00:00	-
2024	**	ALARM	5	00:00	00:00	00:00	-
2025	**	ALARM	5	00:00	00:00	00:00	-
2026	**	ALARM	5	00:00	00:00	00:00	-
2027	**	ALARM	5	00:00	00:00	00:00	-
2028	**	ALARM	5	00:00	00:00	00:00	-
2029	**	ALARM	5	00:00	00:00	00:00	-
2031	**	ALARM	5	00:00	00:00	00:00	-
2033	**	ALARM	5	00:00	00:00	00:00	-
2039	**	ALARM	5	00:00	00:00	00:00	-
2040	**	ALARM	5	00:00	00:00	00:00	-
2041	*	ALARM	NONE	00:00	00:00	00:00	-
2043	*	ALARM	NONE	00:00	00:00	00:00	-
2044	*	ALARM	NONE	00:00	00:00	00:00	-
2045	*	ALARM	NONE	00:00	00:00	00:00	-
2048	**	ALARM	5	00:00	00:00	00:00	-
2050	**	ALARM	5	00:00	00:00	00:00	-
2051	**	ALARM	5	00:00	00:00	00:00	-
2052	**	ALARM	5	00:00	00:00	00:00	-
2053	**	ALARM	5	00:00	00:00	00:00	-
2054	**	ALARM	5	00:00	00:00	00:00	-
2057	**	ALARM	5	00:00	00:00	00:00	-

2058	*	ALARM	NONE	00:00	00:00	00:00	-
2060	**	ALARM	5	00:00	00:00	00:00	-
2061	**	ALARM	5	00:00	00:00	00:00	-
2062	*	ALARM	NONE	00:00	00:00	00:00	-
2063	**	ALARM	5	00:00	00:00	00:00	-
2064	*	ALARM	NONE	00:00	00:00	00:00	-
2065	**	ALARM	5	00:00	00:00	00:00	-
2066	**	ALARM	5	00:00	00:00	00:00	-
2068	**	ALARM	5	00:00	00:00	00:00	-
2069	**	ALARM	5	00:00	00:00	00:00	-
2070	***	ALARM	0	00:00	00:00	00:00	-
2071	*	ALARM	NONE	00:00	00:00	00:00	-
2072	**	ALARM	5	00:00	00:00	00:00	-
2073	**	ALARM	5	00:00	00:00	00:00	-
2074	*	ALARM	NONE	00:00	00:00	00:00	-
2075	**	ALARM	5	00:00	00:00	00:00	-
2076	**	ALARM	5	00:00	00:00	00:00	-
2077	***	ALARM	0	00:00	00:00	00:00	-
2078	**	ALARM	5	00:00	00:00	00:00	-
2079	**	ALARM	5	00:00	00:00	00:00	-
2087	**	ALARM	5	00:00	00:00	00:05	-
2094	**	ALARM	5	00:00	00:00	00:00	-
2114	**	ALARM	5	00:00	00:00	00:00	-
2115	**	ALARM	5	00:00	00:00	00:00	-
2117	**	ALARM	5	00:00	00:00	00:00	-
2122	**	ALARM	5	00:00	00:00	00:00	-
2123	**	ALARM	5	00:00	00:00	00:00	-
2129	**	ALARM	5	00:00	00:00	00:00	-
2131	***	ALARM	0	00:00	00:00	00:00	-
2132	*	ALARM	NONE	00:00	00:00	00:00	-
2133	*	ALARM	NONE	00:00	00:00	00:15	-
2134	*	ALARM	NONE	00:00	00:00	00:00	-
2136	**	ALARM	5	00:00	00:00	00:00	-
2137	***	ALARM	0	00:00	00:00	00:00	-
2138	**	ALARM	5	00:00	00:00	00:00	-
2139	**	ALARM	5	00:00	00:00	00:00	-
2141	**	ALARM	5	00:00	00:00	00:00	-
2142	**	ALARM	5	00:00	00:00	00:00	-
2145	*	ALARM	NONE	00:00	00:00	00:00	-
2146	*	ALARM	NONE	00:00	00:00	00:00	-
2160	**	ALARM	5	00:00	00:00	00:00	-
2165	*	ALARM	NONE	00:00	00:00	00:00	-
2166	**	ALARM	5	00:00	00:00	00:00	-
2167	*	ALARM	NONE	00:00	00:00	00:00	-
2168	*	ALARM	NONE	00:00	00:00	00:00	-
2169	**	ALARM	5	00:00	00:00	00:00	-
2171	*	ALARM	NONE	00:00	00:00	00:00	-
2174	**	ALARM	5	00:00	00:00	00:00	-
2175	**	ALARM	5	00:00	00:05	00:00	-
2176	**	ALARM	5	00:00	00:00	00:00	-
2177	**	ALARM	5	00:00	00:00	00:00	-
2178	**	ALARM	5	00:00	00:00	00:00	-
2179	**	ALARM	5	00:00	00:00	00:00	-
2181	**	ALARM	5	00:00	00:00	00:00	-
2182	**	ALARM	5	00:00	00:00	00:00	-
2183	**	ALARM	5	00:00	00:00	00:00	-
2184	**	ALARM	5	00:00	00:00	00:00	-
2185	**	ALARM	5	00:00	00:00	00:00	00:15:00
2188	**	ALARM	5	00:00	00:00	00:00	-
2189	**	ALARM	5	00:00	00:00	00:00	-
2197	**	ALARM	5	00:00	00:00	00:00	-
2200	*	ALARM	NONE	00:00	00:00	00:00	-
2202	*	ALARM	NONE	00:00	00:00	00:00	-
2203	*	ALARM	NONE	00:00	00:00	00:00	-
2204	*	ALARM	NONE	00:00	00:00	00:00	-
2205	**	ALARM	5	00:00	00:00	00:00	-
2224	*	ALARM	NONE	00:00	00:00	00:00	01:00:00
2226	**	ALARM	5	00:00	00:00	00:00	-

2241	*	ALARM	NONE	00:00	00:00	00:00	-
2244	*	ALARM	NONE	00:00	00:00	00:00	-
2246	**	ALARM	5	00:00	00:00	00:00	-
2247	*	ALARM	NONE	00:00	00:00	00:00	01:00:00
2248	*	ALARM	NONE	00:00	00:00	00:00	-
2249	**	ALARM	5	00:00	00:00	00:00	-
2250	**	ALARM	5	00:00	00:00	00:00	-
2251	**	ALARM	5	00:00	00:00	00:00	-
2252	**	ALARM	5	00:00	00:00	00:00	-
2254	**	ALARM	5	00:00	00:00	00:00	-
2258	**	ALARM	5	00:00	00:00	00:00	-
2259	**	ALARM	5	00:00	00:00	00:00	-
2260	*	ALARM	NONE	00:00	00:00	00:00	-
2261	**	ALARM	5	00:00	00:00	00:00	-
2262	**	ALARM	5	00:00	00:00	00:00	-
2263	**	ALARM	5	00:00	00:00	00:00	00:15:00
2264	**	ALARM	5	00:00	00:00	00:00	-
2265	**	ALARM	5	00:00	00:00	00:00	-
2267	**	ALARM	5	00:00	00:00	00:00	-
2268	**	ALARM	5	00:00	00:00	00:00	-
2269	**	ALARM	5	00:00	00:00	00:00	-
2271	**	ALARM	5	00:00	00:00	00:00	-
2272	**	ALARM	5	00:00	00:00	00:00	-
2273	***	ALARM	0	00:00	00:00	00:00	-
2274	***	ALARM	0	00:00	00:00	00:00	-
2275	**	ALARM	5	00:00	00:00	00:00	-
2284	**	ALARM	5	00:00	00:00	00:00	-
2285	***	ALARM	0	00:00	00:00	00:00	-
2293	***	ALARM	0	00:00	00:00	00:00	-
2294	***	ALARM	0	00:00	00:00	00:00	-
2295	***	ALARM	0	00:00	00:00	00:00	-
2332	**	ALARM	5	00:00	00:00	00:00	-
2336	**	ALARM	5	00:00	00:00	00:00	-
2337	*	ALARM	NONE	00:00	00:00	00:00	-
2339	***	ALARM	0	00:00	00:00	00:00	-
2345	**	ALARM	5	00:00	00:00	00:00	00:00:15
2347	**	ALARM	5	00:00	00:00	00:00	-
2374	**	ALARM	5	00:00	00:00	00:00	-
2375	**	ALARM	5	00:00	00:00	00:00	-
2376	**	ALARM	5	00:00	00:00	00:00	-
2379	**	ALARM	5	00:00	00:00	00:00	-
2380	**	ALARM	5	00:00	00:00	00:00	-
2381	**	ALARM	5	00:00	00:00	00:00	-
2383	**	ALARM	5	00:00	00:00	00:00	-
2384	**	ALARM	5	00:00	00:00	00:00	-
2385	**	ALARM	5	00:00	00:00	00:00	-
2386	**	ALARM	5	00:00	00:00	00:00	-
2389	**	ALARM	5	00:00	00:00	00:00	-
2390	**	ALARM	5	00:00	00:00	00:00	-
2391	**	ALARM	5	00:00	00:00	00:00	-
2393	**	ALARM	5	00:00	00:00	00:00	-
2394	**	ALARM	5	00:00	00:00	00:00	-
2397	**	ALARM	5	00:00	00:00	00:00	-
2399	**	ALARM	5	00:00	00:00	00:00	-
2402	**	ALARM	5	00:02	00:00	00:00	-
2403	**	ALARM	5	00:00	00:00	00:00	-
2406	**	ALARM	5	00:00	00:00	00:00	-
2420	**	ALARM	5	00:00	00:00	00:00	-
2424	**	ALARM	5	00:00	00:00	00:00	-
2425	**	ALARM	5	00:00	00:00	00:00	-
2426	**	ALARM	5	00:00	00:00	00:00	-
2427	**	ALARM	5	00:00	00:00	00:00	-
2430	**	ALARM	5	00:00	00:00	00:00	-
2431	**	ALARM	5	00:00	00:00	00:00	-
2435	**	ALARM	5	00:00	00:00	00:00	-
2437	**	ALARM	5	00:00	00:00	00:00	-
2438	***	ALARM	0	00:00	00:00	00:00	-
2440	**	ALARM	5	00:00	00:00	00:00	-

2441	**	ALARM	5	00:00	00:00	00:00	-
2445	**	ALARM	5	00:00	00:00	00:00	-
2447	**	ALARM	5	00:00	00:00	00:00	-
2454	**	ALARM	5	00:00	00:00	00:00	-
2455	*	ALARM	NONE	00:00	00:00	00:00	00:02:00
2457	**	ALARM	5	00:00	00:30	00:30	-
2458	**	ALARM	5	00:00	00:00	00:00	-
2459	**	ALARM	5	00:00	01:00	00:00	-
2460	**	ALARM	5	00:00	00:00	00:00	-
2461	**	ALARM	5	00:00	00:00	00:00	-
2463	**	ALARM	5	00:00	00:00	00:00	-
2471	***	ALARM	0	00:00	00:00	00:00	-
2472	***	ALARM	0	00:00	00:00	00:00	-
2475	**	ALARM	5	00:00	00:00	00:00	-
2476	***	ALARM	0	00:00	00:00	00:00	-
2477	*	ALARM	NONE	00:00	00:00	00:00	-
2478	*	ALARM	NONE	00:00	00:00	00:00	-
2518	**	ALARM	5	00:00	00:00	00:00	-
2530	*	ALARM	NONE	00:00	00:00	00:00	-
2549	**	ALARM	5	00:00	00:00	00:00	-
2550	***	ALARM	0	00:00	00:00	00:00	-
2551	***	ALARM	0	00:00	00:00	00:00	-
2566	**	ALARM	5	00:00	00:00	00:00	-
2583	**	ALARM	5	00:00	00:00	00:00	-
2586	**	ALARM	5	00:00	00:00	00:00	-
2590	**	ALARM	5	00:00	00:00	00:00	10:00:00
2596	**	ALARM	5	00:00	00:00	00:00	-
2597	*	ALARM	NONE	00:00	00:00	00:00	-
2598	*	ALARM	NONE	00:00	00:00	00:00	-
2614	**	ALARM	5	00:00	00:00	00:00	-
2615	**	ALARM	5	00:00	00:00	00:00	-
2616	***	ALARM	0	00:00	00:00	00:00	-
2620	**	ALARM	5	00:00	00:00	00:00	-
2630	**	ALARM	5	00:00	00:00	00:00	-
2631	**	ALARM	5	00:00	00:00	00:00	-
2632	**	ALARM	5	00:00	00:00	00:00	-
2633	**	ALARM	5	00:00	00:00	00:00	-
2634	**	ALARM	5	00:00	00:00	00:00	-
2635	**	ALARM	5	00:00	00:00	00:00	-
2636	**	ALARM	5	00:00	00:00	00:00	-
2637	**	ALARM	5	00:00	00:00	00:00	-
2638	**	ALARM	5	00:00	00:00	00:00	-
2639	**	ALARM	5	00:00	00:00	00:00	-
2640	**	ALARM	5	00:00	00:00	00:00	-
2641	**	ALARM	5	00:00	00:00	00:00	-
2642	**	ALARM	5	00:00	00:00	00:00	-
2650	***	ALARM	0	00:00	00:00	00:00	-
2651	***	ALARM	0	00:00	00:00	00:00	-
2652	**	ALARM	5	00:00	00:00	00:00	-
2653	***	ALARM	0	00:00	00:00	00:00	-
2660	**	ALARM	5	00:00	00:00	00:00	-
2661	**	ALARM	5	00:00	00:00	00:00	-
2662	***	ALARM	0	00:00	00:00	00:00	-
2663	**	ALARM	5	00:00	00:00	00:00	00:20:00
2664	**	ALARM	5	00:00	00:00	00:00	-
2665	**	ALARM	5	00:00	00:00	00:00	-
2666	**	ALARM	5	00:00	00:00	00:00	-
2683	**	ALARM	5	00:00	00:00	00:00	-
2687	*	ALARM	NONE	00:00	00:00	00:00	00:20:00
2688	*	ALARM	NONE	00:00	00:00	00:05	00:02:00
2690	**	ALARM	5	00:00	00:00	00:00	-
2691	**	ALARM	5	00:00	00:00	00:00	-
2692	**	ALARM	5	00:00	00:00	00:00	-
2693	***	ALARM	0	00:00	00:00	00:00	-
2694	**	ALARM	5	00:00	00:00	00:00	-
2696	**	ALARM	5	00:00	00:00	00:00	-
2697	**	ALARM	5	00:00	00:00	00:00	-
2699	***	ALARM	0	00:00	00:00	00:00	-

2720	**	ALARM	5	00:00	00:00	00:00	-
2725	**	ALARM	5	00:00	00:00	00:00	-
2731	*	ALARM	NONE	00:00	00:00	00:00	-
2732	*	ALARM	NONE	00:00	00:00	00:00	-
2733	**	ALARM	5	00:00	00:00	00:00	-
2735	**	ALARM	5	00:00	00:00	00:00	-
2750	**	ALARM	5	00:00	00:00	00:00	-
2751	**	ALARM	5	00:00	00:00	00:00	-
2752	**	ALARM	5	00:00	00:00	00:00	-
2754	**	ALARM	5	00:00	00:00	00:00	-
2755	**	ALARM	5	00:00	00:00	00:00	-
2756	**	ALARM	5	00:00	00:00	00:00	-
2757	**	ALARM	5	00:00	00:00	00:00	-
2758	**	ALARM	5	00:00	00:00	00:00	-
2759	**	ALARM	5	00:00	00:00	00:00	-
2760	**	ALARM	5	00:00	00:00	00:00	-
2761	**	ALARM	5	00:00	00:00	00:00	-
2762	**	ALARM	5	00:00	00:00	00:00	-
2763	**	ALARM	5	00:00	00:00	00:00	-
2764	**	ALARM	5	00:00	00:02	00:00	-
2770	**	ALARM	5	00:00	00:00	00:00	-
2788	**	ALARM	5	00:00	00:00	00:00	-
2792	*	ALARM	NONE	00:00	00:00	00:15	-
2798	**	ALARM	5	00:00	00:00	00:00	-
2800	**	ALARM	5	00:00	00:00	00:00	-
2801	**	ALARM	5	00:00	00:00	00:00	-
2802	**	ALARM	5	00:00	00:00	00:00	-
2804	**	ALARM	5	00:00	00:00	00:00	-
2805	**	ALARM	5	00:00	00:00	00:00	-
2806	***	ALARM	3	00:00	00:00	00:00	-
2808	**	ALARM	5	00:00	00:00	00:00	-
2809	**	ALARM	5	00:00	00:00	00:00	-
2810	***	ALARM	3	00:10	00:10	00:10	-
2811	**	ALARM	5	00:00	00:00	00:00	-
2816	**	ALARM	5	00:00	00:00	00:00	-
2830	**	ALARM	5	00:00	00:00	00:00	-
2841	**	ALARM	5	00:00	00:00	00:00	-
2842	*	ALARM	NONE	00:00	00:00	00:00	-
2843	**	ALARM	5	00:00	00:00	00:00	-
2850	*	ALARM	NONE	00:00	00:00	00:00	-
2851	**	ALARM	5	00:00	00:00	00:00	-
2852	**	ALARM	5	00:00	00:00	00:00	-
2860	**	ALARM	5	00:00	00:00	00:00	-
2861	***	ALARM	3	00:00	00:00	00:00	-
2862	**	ALARM	5	00:00	00:00	00:00	-
2870	**	ALARM	5	00:00	00:00	00:00	-
2871	**	ALARM	5	00:00	00:00	00:00	-
2883	**	ALARM	5	00:00	00:00	00:00	-
2888	**	ALARM	5	00:00	00:00	00:00	-
2892	*	ALARM	NONE	00:00	00:00	00:00	-
2899	***	ALARM	3	00:00	00:00	00:00	-
2900	*	ALARM	NONE	00:00	00:00	00:08	-
2902	*	ALARM	NONE	00:00	00:15	00:08	-
2903	*	ALARM	NONE	00:00	00:00	00:00	-
2908	*	ALARM	NONE	00:00	00:00	00:00	-
2909	*	ALARM	NONE	00:00	00:00	00:08	-
2910	*	ALARM	NONE	00:00	00:00	00:08	-
2911	*	ALARM	NONE	00:00	00:00	00:00	-
2912	*	ALARM	NONE	00:00	00:00	00:08	-
2915	***	ALARM	1	00:00	00:00	00:00	-
2923	*	ALARM	NONE	00:00	00:00	00:00	-
2924	*	ALARM	NONE	00:00	00:00	00:00	-
2925	*	ALARM	NONE	00:00	00:00	00:00	-
2943	*	ALARM	NONE	00:00	00:00	00:00	-
2944	*	ALARM	NONE	00:00	00:00	00:00	-
2948	*	ALARM	NONE	00:00	00:00	00:00	-
2950	**	ALARM	5	00:00	00:00	00:00	-
2951	*	ALARM	NONE	00:00	00:00	00:00	-

2952	**	ALARM	5	00:00	00:00	00:30	-
2953	*	ALARM	NONE	00:00	00:00	00:00	-
2954	*	ALARM	NONE	00:00	00:00	00:00	-
2955	**	ALARM	5	00:00	00:00	00:05	-
2956	*	ALARM	NONE	00:00	00:00	00:00	-
2957	*	ALARM	NONE	00:00	00:00	00:00	-
2958	*	ALARM	NONE	00:00	00:00	00:00	-
2959	**	ALARM	5	00:00	00:00	00:00	-
2960	**	ALARM	5	00:00	00:00	00:00	-
2962	**	ALARM	5	00:00	00:00	00:00	-
2970	**	ALARM	5	00:12	00:00	00:00	-
2973	**	ALARM	5	00:00	00:00	00:00	-
2974	**	ALARM	5	00:00	00:00	00:00	-
2975	**	ALARM	5	00:00	00:00	00:00	-
2976	**	ALARM	5	00:00	00:00	00:00	-
2977	**	ALARM	5	00:00	00:00	00:00	-
2978	*	ALARM	NONE	00:12	00:00	00:00	-
2979	***	ALARM	1	00:00	00:00	00:00	-
2980	**	ALARM	5	00:00	00:00	00:00	-
2981	**	ALARM	5	00:00	00:00	00:00	-
2982	**	ALARM	5	00:00	00:00	00:00	-
2988	*	ALARM	NONE	00:00	00:00	00:00	-
2989	**	ALARM	5	00:00	00:00	00:08	-
2990	*	ALARM	NONE	00:00	00:00	00:08	-
2991	**	ALARM	5	00:00	00:00	00:00	-
2992	**	ALARM	5	00:00	00:00	00:00	-
2993	**	ALARM	5	00:00	00:00	00:00	-
3011	**	ALARM	5	00:00	00:00	00:00	-
3012	**	ALARM	5	00:00	00:00	00:00	-
3019	**	ALARM	5	00:00	00:00	00:00	-
3020	*	ALARM	NONE	00:00	00:00	00:00	-
3021	*	ALARM	NONE	00:00	00:00	00:00	-
3022	*	ALARM	NONE	00:00	00:00	00:00	-
3023	*	ALARM	NONE	00:00	00:00	00:00	-
3024	*	ALARM	NONE	00:00	00:00	00:00	-
3025	*	ALARM	NONE	00:00	00:00	00:00	-
3026	*	ALARM	NONE	00:00	00:00	00:00	00:15:00
3027	*	ALARM	NONE	00:00	00:00	00:00	-
3028	*	ALARM	NONE	00:00	00:00	00:00	-
3029	*	ALARM	NONE	00:00	00:00	00:00	-
3030	*	ALARM	NONE	00:00	00:00	00:00	-
3031	*	ALARM	NONE	00:00	00:00	00:00	-
3032	*	ALARM	NONE	00:00	00:00	00:00	00:15:00
3033	*	ALARM	NONE	00:00	00:00	00:00	00:15:00
3038	**	ALARM	5	00:00	00:00	00:00	-
3045	**	ALARM	5	00:00	00:00	00:00	-
3053	**	ALARM	5	00:00	00:00	00:00	-
3068	**	ALARM	5	00:00	00:00	00:00	-
3073	**	ALARM	5	00:00	00:00	00:00	-
3074	**	ALARM	5	00:00	00:00	00:00	-
3077	**	ALARM	5	00:00	00:00	00:00	-
3078	**	ALARM	5	00:00	00:00	00:00	-
3080	*	ALARM	NONE	00:00	00:00	00:00	-
3081	**	ALARM	5	00:00	00:00	00:00	-
3086	**	ALARM	5	00:00	00:00	00:00	-
3089	**	ALARM	5	00:00	00:00	00:00	-
3092	*	ALARM	NONE	00:00	00:00	00:00	-
3093	**	ALARM	5	00:00	00:00	00:00	-
3114	***	ALARM	0	00:00	00:00	00:00	-
3121	**	ALARM	5	00:00	00:00	00:00	-
3146	**	ALARM	5	00:00	00:00	00:00	-
3149	**	ALARM	5	00:00	00:00	00:00	-
3157	**	ALARM	5	00:00	00:00	00:00	-
3162	**	ALARM	5	00:00	00:00	00:00	-
3164	**	ALARM	5	00:00	00:00	00:00	-
3929	**	ALARM	5	00:00	00:00	00:00	-
3931	**	ALARM	5	00:00	00:00	00:00	-

4.4 BTS alarm parameters

Note

The following parameter settings are the default settings with the Filtering for BTS Alarms feature. The operator can modify the settings with an MML command and the modifications also remain in effect after a software update.

NUMBER	CLASS	RECOVERY	PRINTING	OMC UPD.	IDL	CDL	STATE
7001	**	ON	ON	ON	10	10	UNBLOCKED
7002	**	ON	ON	ON	10	10	UNBLOCKED
7003	*	ON	ON	ON	10	10	UNBLOCKED
7004	*	ON	ON	ON	10	10	UNBLOCKED
7005	**	ON	ON	ON	10	10	UNBLOCKED
7006	**	ON	ON	ON	10	10	UNBLOCKED
7007	**	ON	ON	ON	10	10	UNBLOCKED
7008	**	ON	ON	ON	10	10	UNBLOCKED
7009	**	ON	ON	ON	10	10	UNBLOCKED
7010	*	ON	ON	ON	10	10	UNBLOCKED
7011	*	ON	ON	ON	10	10	UNBLOCKED
7012	**	ON	ON	ON	10	10	UNBLOCKED
7013	**	ON	ON	ON	10	10	UNBLOCKED
7014	**	ON	ON	ON	10	10	UNBLOCKED
7016	***	ON	ON	ON	10	10	UNBLOCKED
7017	***	ON	ON	ON	10	10	UNBLOCKED
7020	*	ON	ON	ON	10	10	UNBLOCKED
7021	*	ON	ON	ON	10	10	UNBLOCKED
7022	***	ON	ON	ON	10	10	UNBLOCKED
7023	*	ON	ON	ON	10	10	UNBLOCKED
7024	***	ON	ON	ON	10	10	UNBLOCKED
7030	*	ON	ON	ON	10	10	UNBLOCKED
7031	*	ON	ON	ON	10	10	UNBLOCKED
7032	*	ON	ON	ON	10	10	UNBLOCKED
7033	*	ON	ON	ON	10	10	UNBLOCKED
7034	*	ON	ON	ON	10	10	UNBLOCKED
7035	*	ON	ON	ON	10	10	UNBLOCKED
7036	*	ON	ON	ON	10	10	UNBLOCKED
7037	*	ON	ON	ON	10	10	UNBLOCKED
7038	*	ON	ON	ON	10	10	UNBLOCKED
7039	*	ON	ON	ON	10	10	UNBLOCKED
7040	*	ON	ON	ON	10	10	UNBLOCKED
7041	*	ON	ON	ON	10	10	UNBLOCKED
7042	*	ON	ON	ON	10	10	UNBLOCKED
7043	*	ON	ON	ON	10	10	UNBLOCKED
7044	*	ON	ON	ON	10	10	UNBLOCKED
7045	*	ON	ON	ON	10	10	UNBLOCKED
7050		ON	ON	ON	10	10	UNBLOCKED
7051		ON	ON	ON	10	10	UNBLOCKED
7052		ON	ON	ON	10	10	UNBLOCKED
7053		ON	ON	ON	10	10	UNBLOCKED
7054	**	ON	ON	ON	10	10	UNBLOCKED
7060	**	ON	ON	ON	10	10	UNBLOCKED
7061	**	ON	ON	ON	10	10	UNBLOCKED
7062	**	ON	ON	ON	10	10	UNBLOCKED
7063	**	ON	ON	ON	10	10	UNBLOCKED
7064	**	ON	ON	ON	10	10	UNBLOCKED
7065	**	ON	ON	ON	10	10	UNBLOCKED
7066	**	ON	ON	ON	10	10	UNBLOCKED
7067	***	ON	ON	ON	10	10	UNBLOCKED
7068	**	ON	ON	ON	10	10	UNBLOCKED
7069	**	ON	ON	ON	10	10	UNBLOCKED

7100	*	ON	ON	ON	10	10	UNBLOCKED
7101	*	ON	ON	ON	10	10	UNBLOCKED
7102	*	ON	ON	ON	10	10	UNBLOCKED
7103	*	ON	ON	ON	10	10	UNBLOCKED
7104	*	ON	ON	ON	10	10	UNBLOCKED
7105	*	ON	ON	ON	10	10	UNBLOCKED
7106	*	ON	ON	ON	10	10	UNBLOCKED
7107	*	ON	ON	ON	10	10	UNBLOCKED
7108	*	ON	ON	ON	10	10	UNBLOCKED
7109	*	ON	ON	ON	10	10	UNBLOCKED
7110	*	ON	ON	ON	10	10	UNBLOCKED
7120	*	ON	ON	ON	10	10	UNBLOCKED
7121	*	ON	ON	ON	10	10	UNBLOCKED
7122	**	ON	ON	ON	10	10	UNBLOCKED
7123	*	ON	ON	ON	10	10	UNBLOCKED
7124	**	ON	ON	ON	10	10	UNBLOCKED
7125	*	ON	ON	ON	10	10	UNBLOCKED
7126	**	ON	ON	ON	10	10	UNBLOCKED
7127	*	ON	ON	ON	10	10	UNBLOCKED
7128	**	ON	ON	ON	10	10	UNBLOCKED
7129	*	ON	ON	ON	10	10	UNBLOCKED
7130	*	ON	ON	ON	10	10	UNBLOCKED
7131	**	ON	ON	ON	10	10	UNBLOCKED
7132	**	ON	ON	ON	10	10	UNBLOCKED
7133	*	ON	ON	ON	10	10	UNBLOCKED
7134	*	ON	ON	ON	10	10	UNBLOCKED
7135	*	ON	ON	ON	10	10	UNBLOCKED
7136	*	ON	ON	ON	10	10	UNBLOCKED
7137	*	ON	ON	ON	10	10	UNBLOCKED
7138	*	ON	ON	ON	10	10	UNBLOCKED
7139	**	ON	ON	ON	10	10	UNBLOCKED
7140	**	ON	ON	ON	10	10	UNBLOCKED
7141	**	ON	ON	ON	10	10	UNBLOCKED
7150	**	ON	ON	ON	10	10	UNBLOCKED
7151	**	ON	ON	ON	10	10	UNBLOCKED
7152	*	ON	ON	ON	10	10	UNBLOCKED
7153	*	ON	ON	ON	10	10	UNBLOCKED
7154	*	ON	ON	ON	10	10	UNBLOCKED
7156	**	ON	ON	ON	10	10	UNBLOCKED
7157	**	ON	ON	ON	10	10	UNBLOCKED
7158	*	ON	ON	ON	10	10	UNBLOCKED
7159	*	ON	ON	ON	10	10	UNBLOCKED
7160	*	ON	ON	ON	10	10	UNBLOCKED
7161	*	ON	ON	ON	10	10	UNBLOCKED
7162	*	ON	ON	ON	10	10	UNBLOCKED
7163	**	ON	ON	ON	10	10	UNBLOCKED
7164	***	ON	ON	ON	10	10	UNBLOCKED
7170	**	ON	ON	ON	10	10	UNBLOCKED
7171	**	ON	ON	ON	10	10	UNBLOCKED
7172	**	ON	ON	ON	10	10	UNBLOCKED
7173	**	ON	ON	ON	10	10	UNBLOCKED
7174	***	ON	ON	ON	10	10	UNBLOCKED
7175	**	ON	ON	ON	10	10	UNBLOCKED
7176	**	ON	ON	ON	10	10	UNBLOCKED
7177	**	ON	ON	ON	10	10	UNBLOCKED
7190	*	ON	ON	ON	10	10	UNBLOCKED
7191	*	ON	ON	ON	10	10	UNBLOCKED
7192	*	ON	ON	ON	10	10	UNBLOCKED
7193	**	ON	ON	ON	10	10	UNBLOCKED
7194	*	ON	ON	ON	10	10	UNBLOCKED
7195	**	ON	ON	ON	10	10	UNBLOCKED
7196	*	ON	ON	ON	10	10	UNBLOCKED
7197	**	ON	ON	ON	10	10	UNBLOCKED
7198	*	ON	ON	ON	10	10	UNBLOCKED
7199	*	ON	ON	ON	10	10	UNBLOCKED
7200	*	ON	ON	ON	10	10	UNBLOCKED
7201	*	ON	ON	ON	10	10	UNBLOCKED
7202	*	ON	ON	ON	10	10	UNBLOCKED

7203	***	ON	ON	ON	10	10	UNBLOCKED
7204	***	ON	ON	ON	10	10	UNBLOCKED
7205		ON	ON	ON	10	10	UNBLOCKED
7206		ON	ON	ON	10	10	UNBLOCKED
7207		ON	ON	ON	10	10	UNBLOCKED
7208	*	ON	ON	ON	10	10	UNBLOCKED
7209	***	ON	ON	ON	10	10	UNBLOCKED
7210	***	ON	ON	ON	0	0	UNBLOCKED
7211	***	ON	ON	ON	10	10	UNBLOCKED
7212		ON	ON	ON	10	10	UNBLOCKED
7214		ON	ON	ON	10	10	UNBLOCKED
7215		ON	ON	ON	10	10	UNBLOCKED
7216		ON	ON	ON	10	10	UNBLOCKED
7217		ON	ON	ON	10	10	UNBLOCKED
7218		ON	ON	ON	10	10	UNBLOCKED
7220	*	ON	ON	ON	0	0	UNBLOCKED
7221	*	ON	ON	ON	10	10	UNBLOCKED
7222	**	ON	ON	ON	10	10	UNBLOCKED
7223	*	ON	ON	ON	10	10	UNBLOCKED
7224	*	ON	ON	ON	10	10	UNBLOCKED
7225	**	ON	ON	ON	10	10	UNBLOCKED
7226	**	ON	ON	ON	10	10	UNBLOCKED
7251	*	ON	ON	ON	10	10	UNBLOCKED
7252	*	ON	ON	ON	10	10	UNBLOCKED
7253	*	ON	ON	ON	10	10	UNBLOCKED
7254	*	ON	ON	ON	10	10	UNBLOCKED
7255	**	ON	ON	ON	10	10	UNBLOCKED
7256	**	ON	ON	ON	10	10	UNBLOCKED
7257	**	ON	ON	ON	10	10	UNBLOCKED
7258	**	ON	ON	ON	10	10	UNBLOCKED
7259	**	ON	ON	ON	10	10	UNBLOCKED
7260	**	ON	ON	ON	10	10	UNBLOCKED
7261	**	ON	ON	ON	10	10	UNBLOCKED
7262	**	ON	ON	ON	10	10	UNBLOCKED
7263	**	ON	ON	ON	10	10	UNBLOCKED
7264	**	ON	ON	ON	10	10	UNBLOCKED
7265	*	ON	ON	ON	10	10	UNBLOCKED
7266	**	ON	ON	ON	10	10	UNBLOCKED
7267	**	ON	ON	ON	10	10	UNBLOCKED
7268	**	ON	ON	ON	10	10	UNBLOCKED
7269	**	ON	ON	ON	10	10	UNBLOCKED
7270	*	ON	ON	ON	10	10	UNBLOCKED
7271	**	ON	ON	ON	10	10	UNBLOCKED
7272	*	ON	ON	ON	10	10	UNBLOCKED
7273	**	ON	ON	ON	10	10	UNBLOCKED
7274	**	ON	ON	ON	10	10	UNBLOCKED
7275	*	ON	ON	ON	10	10	UNBLOCKED
7276	**	ON	ON	ON	10	10	UNBLOCKED
7277	**	ON	ON	ON	10	10	UNBLOCKED
7278	**	ON	ON	ON	10	10	UNBLOCKED
7279	**	ON	ON	ON	10	10	UNBLOCKED
7280	**	ON	ON	ON	10	10	UNBLOCKED
7281	**	ON	ON	ON	10	10	UNBLOCKED
7282	*	ON	ON	ON	10	10	UNBLOCKED
7283	*	ON	ON	ON	10	10	UNBLOCKED
7284	**	ON	ON	ON	10	10	UNBLOCKED
7285	**	ON	ON	ON	10	10	UNBLOCKED
7286	*	ON	ON	ON	10	10	UNBLOCKED
7287	**	ON	ON	ON	10	10	UNBLOCKED
7288	*	ON	ON	ON	10	10	UNBLOCKED
7291	*	ON	ON	ON	10	10	UNBLOCKED
7292	*	ON	ON	ON	10	10	UNBLOCKED
7293	*	ON	ON	ON	10	10	UNBLOCKED
7294	*	ON	ON	ON	10	10	UNBLOCKED
7301	**	ON	ON	ON	10	10	UNBLOCKED
7302	**	ON	ON	ON	10	10	UNBLOCKED
7303	**	ON	ON	ON	10	10	UNBLOCKED
7304	**	ON	ON	ON	10	10	UNBLOCKED

7305	*	ON	ON	ON	10	10	UNBLOCKED
7306	**	ON	ON	ON	10	10	UNBLOCKED
7307	*	ON	ON	ON	10	10	UNBLOCKED
7308	**	ON	ON	ON	10	10	UNBLOCKED
7309	*	ON	ON	ON	10	10	UNBLOCKED
7310	*	ON	ON	ON	10	10	UNBLOCKED
7311	**	ON	ON	ON	10	10	UNBLOCKED
7312	**	ON	ON	ON	10	10	UNBLOCKED
7313	*	ON	ON	ON	10	10	UNBLOCKED
7314	***	ON	ON	ON	10	10	UNBLOCKED
7315	***	ON	ON	ON	10	10	UNBLOCKED
7316	**	ON	ON	ON	10	10	UNBLOCKED
7317	**	ON	ON	ON	10	10	UNBLOCKED
7318	*	ON	ON	ON	10	10	UNBLOCKED
7319	***	ON	ON	ON	10	10	UNBLOCKED
7320	***	ON	ON	ON	10	10	UNBLOCKED
7321	**	ON	ON	ON	10	10	UNBLOCKED
7322	**	ON	ON	ON	10	10	UNBLOCKED
7323	**	ON	ON	ON	10	10	UNBLOCKED
7324	***	ON	ON	ON	10	10	UNBLOCKED
7325		ON	ON	ON	10	10	UNBLOCKED
7326	**	ON	ON	ON	10	10	UNBLOCKED
7327	**	ON	ON	ON	10	10	UNBLOCKED
7328	***	ON	ON	ON	10	10	UNBLOCKED
7329	***	ON	ON	ON	10	10	UNBLOCKED
7330	**	ON	ON	ON	10	10	UNBLOCKED
7331	**	ON	ON	ON	10	10	UNBLOCKED
7332	*	ON	ON	ON	10	10	UNBLOCKED
7401		ON	ON	ON	10	10	UNBLOCKED
7402		ON	ON	ON	10	10	UNBLOCKED
7403		ON	ON	ON	10	10	UNBLOCKED
7404		ON	ON	ON	10	10	UNBLOCKED
7405		ON	ON	ON	10	10	UNBLOCKED
7406		ON	ON	ON	10	10	UNBLOCKED
7407		ON	ON	ON	10	10	UNBLOCKED
7408		ON	ON	ON	10	10	UNBLOCKED
7409		ON	ON	ON	10	10	UNBLOCKED
7410		ON	ON	ON	10	10	UNBLOCKED
7411		ON	ON	ON	10	10	UNBLOCKED
7412		ON	ON	ON	10	10	UNBLOCKED
7413		ON	ON	ON	10	10	UNBLOCKED
7414		ON	ON	ON	10	10	UNBLOCKED
7415		ON	ON	ON	10	10	UNBLOCKED
7416		ON	ON	ON	10	10	UNBLOCKED
7417		ON	ON	ON	10	10	UNBLOCKED
7418		ON	ON	ON	10	10	UNBLOCKED
7419		ON	ON	ON	10	10	UNBLOCKED
7420		ON	ON	ON	10	10	UNBLOCKED
7421		ON	ON	ON	10	10	UNBLOCKED
7422		ON	ON	ON	10	10	UNBLOCKED
7423		ON	ON	ON	10	10	UNBLOCKED
7424		ON	ON	ON	10	10	UNBLOCKED
7425		ON	ON	ON	10	10	UNBLOCKED
7426		ON	ON	ON	10	10	UNBLOCKED
7427		ON	ON	ON	10	10	UNBLOCKED
7428		ON	ON	ON	10	10	UNBLOCKED
7429		ON	ON	ON	10	10	UNBLOCKED
7430		ON	ON	ON	10	10	UNBLOCKED
7500	*	ON	ON	ON	10	10	UNBLOCKED
7501	*	ON	ON	ON	10	10	UNBLOCKED
7502	*	ON	ON	ON	10	10	UNBLOCKED
7503	**	ON	ON	ON	10	10	UNBLOCKED
7504	**	ON	ON	ON	10	10	UNBLOCKED
7505	**	ON	ON	ON	10	10	UNBLOCKED
7506	**	ON	ON	ON	10	10	UNBLOCKED
7507	**	ON	ON	ON	10	10	UNBLOCKED
7508	**	ON	ON	ON	10	10	UNBLOCKED
7509	**	ON	ON	ON	10	10	UNBLOCKED

7510	**	ON	ON	ON	10	10	UNBLOCKED
7511	**	ON	ON	ON	10	10	UNBLOCKED
7512	**	ON	ON	ON	10	10	UNBLOCKED
7513	**	ON	ON	ON	10	10	UNBLOCKED
7514	**	ON	ON	ON	10	10	UNBLOCKED
7515	**	ON	ON	ON	10	10	UNBLOCKED
7516	**	ON	ON	ON	10	10	UNBLOCKED
7517	**	ON	ON	ON	10	10	UNBLOCKED
7518	**	ON	ON	ON	10	10	UNBLOCKED
7519	**	ON	ON	ON	10	10	UNBLOCKED
7520	**	ON	ON	ON	10	10	UNBLOCKED
7521	*	ON	ON	ON	10	10	UNBLOCKED
7522	**	ON	ON	ON	10	10	UNBLOCKED
7523	**	ON	ON	ON	10	10	UNBLOCKED
7524	**	ON	ON	ON	10	10	UNBLOCKED
7525	**	ON	ON	ON	10	10	UNBLOCKED
7526	**	ON	ON	ON	10	10	UNBLOCKED
7527	**	ON	ON	ON	10	10	UNBLOCKED
7528	**	ON	ON	ON	10	10	UNBLOCKED
7529	**	ON	ON	ON	10	10	UNBLOCKED
7530	**	ON	ON	ON	10	10	UNBLOCKED
7531	**	ON	ON	ON	10	10	UNBLOCKED
7532	**	ON	ON	ON	10	10	UNBLOCKED
7533	**	ON	ON	ON	10	10	UNBLOCKED
7535	**	ON	ON	ON	10	10	UNBLOCKED
7536	**	ON	ON	ON	10	10	UNBLOCKED
7537	**	ON	ON	ON	10	10	UNBLOCKED
7538	**	ON	ON	ON	10	10	UNBLOCKED
7539	**	ON	ON	ON	10	10	UNBLOCKED
7540	**	ON	ON	ON	10	10	UNBLOCKED
7541	**	ON	ON	ON	10	10	UNBLOCKED
7542	*	ON	ON	ON	10	10	UNBLOCKED
7543	*	ON	ON	ON	10	10	UNBLOCKED
7544	**	ON	ON	ON	10	10	UNBLOCKED
7545		ON	ON	ON	10	10	UNBLOCKED
7546	**	ON	ON	ON	10	10	UNBLOCKED
7547	**	ON	ON	ON	10	10	UNBLOCKED
7548		ON	ON	ON	10	10	UNBLOCKED
7549	**	ON	ON	ON	10	10	UNBLOCKED
7550	**	ON	ON	ON	10	10	UNBLOCKED
7551	**	ON	ON	ON	10	10	UNBLOCKED
7552	**	ON	ON	ON	10	10	UNBLOCKED
7553	**	ON	ON	ON	10	10	UNBLOCKED
7560	**	ON	ON	ON	10	10	UNBLOCKED
7590	**	ON	ON	ON	10	10	UNBLOCKED
7591	**	ON	ON	ON	10	10	UNBLOCKED
7592	***	ON	ON	ON	10	10	UNBLOCKED
7593	**	ON	ON	ON	10	10	UNBLOCKED
7594	**	ON	ON	ON	10	10	UNBLOCKED
7600	***	ON	ON	ON	10	10	UNBLOCKED
7601	**	ON	ON	ON	10	10	UNBLOCKED
7602	*	ON	ON	ON	10	10	UNBLOCKED
7603	***	ON	ON	ON	10	10	UNBLOCKED
7604	**	ON	ON	ON	10	10	UNBLOCKED
7605	*	ON	ON	ON	10	10	UNBLOCKED
7606	**	ON	ON	ON	10	10	UNBLOCKED
7607	**	ON	ON	ON	10	10	UNBLOCKED
7608	*	ON	ON	ON	10	10	UNBLOCKED
7609	***	ON	ON	ON	10	10	UNBLOCKED
7615	*	ON	ON	ON	10	10	UNBLOCKED
7616	*	ON	ON	ON	10	10	UNBLOCKED
7617	**	ON	ON	ON	10	10	UNBLOCKED
7620	*	ON	ON	ON	10	10	UNBLOCKED
7621	*	ON	ON	ON	10	10	UNBLOCKED
7622	*	ON	ON	ON	10	10	UNBLOCKED
7700	*	ON	ON	ON	0	0	UNBLOCKED
7701	*	ON	ON	ON	0	0	UNBLOCKED
7702	*	ON	ON	OFF	0	0	UNBLOCKED

7704	**	ON	ON	ON	0	0	UNBLOCKED
7705	*	ON	ON	ON	0	0	UNBLOCKED
7706	**	ON	ON	ON	0	0	UNBLOCKED
7708		ON	ON	ON	0	0	UNBLOCKED
7709	*	ON	ON	ON	10	10	UNBLOCKED
7710		OFF	ON	ON	10	10	UNBLOCKED
7711	*	OFF	ON	ON	10	10	UNBLOCKED
7712	*	OFF	ON	ON	10	10	UNBLOCKED
7713	*	OFF	ON	ON	10	10	UNBLOCKED
7714	*	ON	ON	ON	10	10	UNBLOCKED
7715	*	ON	ON	ON	10	10	UNBLOCKED
7716	*	ON	ON	ON	10	10	UNBLOCKED
7717	*	OFF	ON	ON	10	10	UNBLOCKED
7718	*	ON	ON	ON	0	0	UNBLOCKED
7719	*	ON	ON	ON	0	0	UNBLOCKED
7720		OFF	ON	ON	0	0	UNBLOCKED
7721		OFF	ON	ON	0	0	UNBLOCKED
7722	***	OFF	ON	ON	10	10	UNBLOCKED
7723	***	OFF	ON	ON	10	10	UNBLOCKED
7724	***	OFF	ON	ON	10	10	UNBLOCKED
7725	**	OFF	ON	ON	10	10	UNBLOCKED
7726	***	OFF	ON	ON	10	10	UNBLOCKED
7727	**	OFF	ON	ON	10	10	UNBLOCKED
7728	*	ON	ON	ON	10	10	UNBLOCKED
7729	***	OFF	ON	ON	10	10	UNBLOCKED
7730	**	OFF	ON	ON	10	10	UNBLOCKED
7731	**	OFF	ON	ON	10	10	UNBLOCKED
7732		OFF	ON	ON	10	10	UNBLOCKED
7733	**	OFF	ON	ON	10	10	UNBLOCKED
7734	**	OFF	ON	ON	0	0	UNBLOCKED
7735	**	ON	ON	ON	10	10	UNBLOCKED
7736	**	ON	ON	ON	10	10	UNBLOCKED
7737	**	OFF	ON	ON	10	10	UNBLOCKED
7738	**	OFF	ON	ON	0	0	UNBLOCKED
7739	**	OFF	ON	ON	10	10	UNBLOCKED
7740	*	OFF	ON	ON	0	0	UNBLOCKED
7741	**	OFF	ON	ON	10	10	UNBLOCKED
7742	*	ON	ON	ON	0	0	UNBLOCKED
7743	**	OFF	ON	ON	0	0	UNBLOCKED
7744	**	OFF	ON	ON	10	10	UNBLOCKED
7745	**	OFF	ON	ON	0	0	UNBLOCKED
7746	**	OFF	ON	ON	10	10	UNBLOCKED
7747	**	OFF	ON	ON	10	10	UNBLOCKED
7748	**	OFF	ON	ON	10	10	UNBLOCKED
7749	***	OFF	ON	ON	10	10	UNBLOCKED
7751	**	OFF	ON	ON	10	10	UNBLOCKED
7752	**	OFF	ON	ON	10	10	BLOCKED
7753	**	OFF	ON	ON	10	10	BLOCKED
7754	**	OFF	ON	ON	10	10	BLOCKED
7755	**	OFF	ON	ON	0	0	UNBLOCKED
7756	**	ON	ON	ON	10	10	UNBLOCKED
7757	**	ON	ON	ON	10	10	UNBLOCKED
7758		ON	ON	ON	10	10	UNBLOCKED
7759	**	ON	ON	ON	0	0	UNBLOCKED
7760	***	ON	ON	ON	0	0	UNBLOCKED
7767	***	ON	ON	ON	0	0	UNBLOCKED
7801	*	ON	ON	ON	10	10	UNBLOCKED
7802		ON	ON	ON	10	10	UNBLOCKED
7803		ON	ON	ON	10	10	UNBLOCKED
7804	*	ON	ON	ON	10	10	UNBLOCKED
7805	*	ON	ON	ON	10	10	UNBLOCKED
7806	***	ON	ON	ON	10	10	UNBLOCKED
7807	**	ON	ON	ON	10	10	UNBLOCKED
7808	**	ON	ON	ON	10	10	UNBLOCKED
7809	***	ON	ON	ON	10	10	UNBLOCKED
7810	**	ON	ON	ON	10	10	UNBLOCKED
7811	**	ON	ON	ON	10	10	UNBLOCKED
7812	**	ON	ON	ON	10	10	UNBLOCKED

7813	***	ON	ON	ON	10	10	UNBLOCKED
7815		ON	ON	ON	10	10	UNBLOCKED
7816		ON	ON	ON	10	10	UNBLOCKED
7817	*	ON	ON	ON	10	10	UNBLOCKED
7818	***	ON	ON	ON	10	10	UNBLOCKED
7820	*	ON	ON	ON	10	10	UNBLOCKED
7821	***	ON	ON	ON	10	10	UNBLOCKED
7822	***	ON	ON	ON	10	10	UNBLOCKED
7823	***	ON	ON	ON	10	10	UNBLOCKED
7824	**	ON	ON	ON	10	10	UNBLOCKED
7825	***	ON	ON	ON	10	10	UNBLOCKED
7826	***	ON	ON	ON	10	10	UNBLOCKED
7828	**	ON	ON	ON	10	10	UNBLOCKED
7829	***	ON	ON	ON	10	10	UNBLOCKED
7830	***	ON	ON	ON	10	10	UNBLOCKED
7831	***	ON	ON	ON	10	10	UNBLOCKED
7832	**	ON	ON	ON	10	10	UNBLOCKED
7833	**	ON	ON	ON	10	10	UNBLOCKED
7834	***	ON	ON	ON	10	10	UNBLOCKED
7835	**	ON	ON	ON	10	10	UNBLOCKED
7836	**	ON	ON	ON	10	10	UNBLOCKED
7838	**	ON	ON	ON	10	10	UNBLOCKED
7839	**	ON	ON	ON	10	10	UNBLOCKED
7840	**	ON	ON	ON	10	10	UNBLOCKED
7841	**	ON	ON	ON	10	10	UNBLOCKED
7842	***	ON	ON	ON	10	10	UNBLOCKED
7850	**	ON	ON	ON	10	10	UNBLOCKED
7851	**	ON	ON	ON	10	10	UNBLOCKED
7852	**	ON	ON	ON	10	10	UNBLOCKED
7853	**	ON	ON	ON	10	10	UNBLOCKED
7854	*	ON	ON	ON	10	10	UNBLOCKED
7860	**	ON	ON	ON	10	10	UNBLOCKED
7861	**	ON	ON	ON	10	10	UNBLOCKED
7862		ON	ON	ON	10	10	UNBLOCKED
7863	*	ON	ON	ON	10	10	UNBLOCKED
7864	**	ON	ON	ON	10	10	UNBLOCKED
7865	**	ON	ON	ON	10	10	UNBLOCKED
7866	**	ON	ON	ON	10	10	UNBLOCKED
7867	**	ON	ON	ON	10	10	UNBLOCKED
7868	**	ON	ON	ON	10	10	UNBLOCKED
7869	**	ON	ON	ON	10	10	UNBLOCKED
7870	*	ON	ON	ON	10	10	UNBLOCKED
7871	**	ON	ON	ON	10	10	UNBLOCKED
7872	***	ON	ON	ON	10	10	UNBLOCKED
7873	***	ON	ON	ON	10	10	UNBLOCKED
7874	**	ON	ON	ON	10	10	UNBLOCKED
7878	**	ON	ON	ON	10	10	UNBLOCKED
7879	***	ON	ON	ON	10	10	UNBLOCKED
7880	***	ON	ON	ON	10	10	UNBLOCKED
7882	***	ON	ON	ON	10	10	UNBLOCKED
7890	*	ON	ON	ON	10	10	UNBLOCKED
7891	**	ON	ON	ON	10	10	UNBLOCKED
7892	**	ON	ON	ON	10	10	UNBLOCKED
7893	**	ON	ON	ON	10	10	UNBLOCKED
7894	**	ON	ON	ON	10	10	UNBLOCKED
7895	**	ON	ON	ON	10	10	UNBLOCKED
7896	**	ON	ON	ON	10	10	UNBLOCKED
7897	**	ON	ON	ON	10	10	UNBLOCKED
7898	**	ON	ON	ON	10	10	UNBLOCKED
7899	**	ON	ON	ON	10	10	UNBLOCKED
7900	***	ON	ON	ON	10	10	UNBLOCKED
7905	**	ON	ON	ON	10	10	UNBLOCKED
7906	**	ON	ON	ON	10	10	UNBLOCKED
7907	**	ON	ON	ON	10	10	UNBLOCKED
7908	**	ON	ON	ON	10	10	UNBLOCKED
7909	**	ON	ON	ON	10	10	UNBLOCKED
7937	**	ON	ON	ON	10	10	UNBLOCKED
7939	**	ON	ON	ON	10	10	UNBLOCKED

7941	**	ON	ON	ON	10	10	UNBLOCKED
7942	***	ON	ON	ON	10	10	UNBLOCKED
7943	**	ON	ON	ON	10	10	UNBLOCKED
7944	**	ON	ON	ON	10	10	UNBLOCKED
7945	**	ON	ON	ON	10	10	UNBLOCKED
7946	**	ON	ON	ON	10	10	UNBLOCKED
7947	**	ON	ON	ON	10	10	UNBLOCKED
7948	**	ON	ON	ON	10	10	UNBLOCKED
7949	**	ON	ON	ON	10	10	UNBLOCKED
7950	***	ON	ON	ON	10	10	UNBLOCKED
7952	**	ON	ON	ON	10	10	UNBLOCKED
7953	**	ON	ON	ON	10	10	UNBLOCKED
7954	***	ON	ON	ON	10	10	UNBLOCKED
7955	***	ON	ON	ON	10	10	UNBLOCKED
7956	***	ON	ON	ON	10	10	UNBLOCKED
7957	***	ON	ON	ON	10	10	UNBLOCKED
7958	***	ON	ON	ON	10	10	UNBLOCKED
7959	***	ON	ON	ON	10	10	UNBLOCKED
7960	***	ON	ON	ON	10	10	UNBLOCKED
7961	**	ON	ON	ON	10	10	UNBLOCKED
7962	*	ON	ON	ON	10	10	UNBLOCKED
7963	**	ON	ON	ON	10	10	UNBLOCKED
7964	**	ON	ON	ON	10	10	UNBLOCKED
7965	**	ON	ON	ON	10	10	UNBLOCKED
7966	**	ON	ON	ON	10	10	UNBLOCKED
7967	**	ON	ON	ON	10	10	UNBLOCKED
7968	**	ON	ON	ON	10	10	UNBLOCKED
7969	**	ON	ON	ON	10	10	UNBLOCKED
7970	**	ON	ON	ON	10	10	UNBLOCKED
7971	**	ON	ON	ON	10	10	UNBLOCKED
7972	**	ON	ON	ON	10	10	UNBLOCKED
7973	**	ON	ON	ON	10	10	UNBLOCKED
7974	***	ON	ON	ON	10	10	UNBLOCKED
7975	***	ON	ON	ON	10	10	UNBLOCKED
7976	***	ON	ON	ON	10	10	UNBLOCKED
7980	**	ON	ON	ON	10	10	UNBLOCKED
7981	**	ON	ON	ON	10	10	UNBLOCKED
7990	***	ON	ON	ON	10	10	UNBLOCKED
7991	**	ON	ON	ON	10	10	UNBLOCKED
7995	*	ON	ON	ON	10	10	UNBLOCKED
7996	***	ON	ON	ON	10	10	UNBLOCKED
7997	**	ON	ON	ON	10	10	UNBLOCKED
7998	***	ON	ON	ON	10	10	UNBLOCKED
7999	**	ON	ON	ON	10	10	UNBLOCKED

4.5 DX 200 alarm parameters for Transmission Equipment Alarms

Note

The following parameter settings are the default settings. The operator can modify the settings with an MML command.

ALARM		CLS	OUT	IDL	IDD	CDL	ALV
8000	***	ALARM	1	00:00	00:00	00:00	-
8001	***	ALARM	1	00:00	00:00	00:00	-
8002	***	ALARM	1	00:00	00:00	00:00	-
8003	***	ALARM	1	00:00	00:00	00:00	-
8004	***	ALARM	1	00:00	00:00	00:00	-

8005	***	ALARM	1	00:00	00:00	00:00	-
8006	***	ALARM	1	00:00	00:00	00:00	-
8007	***	ALARM	1	00:00	00:00	00:00	-
8008	***	ALARM	1	00:00	00:00	00:00	-
8009	***	ALARM	1	00:00	00:00	00:00	-
8010	***	ALARM	1	00:00	00:00	00:00	-
8011	***	ALARM	1	00:00	00:00	00:00	-
8012	***	ALARM	1	00:00	00:00	00:00	-
8013	**	ALARM	5	00:00	00:00	00:00	-
8014		NOTICE	NONE	00:00	00:00	00:00	00:00:15
8016	***	ALARM	1	00:00	00:00	00:00	-
8017	***	ALARM	1	00:00	00:00	00:00	-
8018	***	ALARM	1	00:00	00:00	00:00	-
8019	***	ALARM	1	00:00	00:00	00:00	-
8020	**	ALARM	5	00:00	00:00	00:00	-
8021	**	ALARM	5	00:00	00:00	00:00	-
8022	**	ALARM	5	00:00	00:00	00:00	-
8023	**	ALARM	5	00:00	00:00	00:00	-
8024	***	ALARM	1	00:00	00:00	00:00	-
8025	**	ALARM	5	00:00	00:00	00:00	-
8026	**	ALARM	5	00:00	00:00	00:00	-
8027	**	ALARM	5	00:00	00:00	00:00	-
8028	**	ALARM	5	00:00	00:00	00:00	-
8032	***	ALARM	1	00:00	00:00	00:00	-
8033	***	ALARM	1	00:00	00:00	00:00	-
8034	***	ALARM	1	00:00	00:00	00:00	-
8035	***	ALARM	1	00:00	00:00	00:00	-
8036	***	ALARM	1	00:00	00:00	00:00	-
8037	***	ALARM	1	00:00	00:00	00:00	-
8038	***	ALARM	1	00:00	00:00	00:00	-
8039	***	ALARM	1	00:00	00:00	00:00	-
8040		DISTUR	NONE	00:00	00:00	00:00	00:00:15
8042	***	ALARM	1	00:00	00:00	00:00	-
8043	***	ALARM	1	00:00	00:00	00:00	-
8044	***	ALARM	1	00:00	00:00	00:00	-
8045	***	ALARM	1	00:00	00:00	00:00	-
8046	***	ALARM	1	00:00	00:00	00:00	-
8047	***	ALARM	1	00:00	00:00	00:00	-
8048	***	ALARM	1	00:00	00:00	00:00	-
8049	***	ALARM	1	00:00	00:00	00:00	-
8050	***	ALARM	1	00:00	00:00	00:00	-
8051	***	ALARM	1	00:00	00:00	00:00	-
8052	***	ALARM	1	00:00	00:00	00:00	-
8053	***	ALARM	1	00:00	00:00	00:00	-
8054	***	ALARM	1	00:00	00:00	00:00	-
8055	***	ALARM	1	00:00	00:00	00:00	-
8056	***	ALARM	1	00:00	00:00	00:00	-
8057	***	ALARM	1	00:00	00:00	00:00	-
8058	***	ALARM	1	00:00	00:00	00:00	-
8059	***	ALARM	1	00:00	00:00	00:00	-
8060	***	ALARM	1	00:00	00:00	00:00	-
8061	***	ALARM	1	00:00	00:00	00:00	-
8062	***	ALARM	1	00:00	00:00	00:00	-
8063	***	ALARM	1	00:00	00:00	00:00	-
8064	**	ALARM	5	00:00	00:00	00:00	-
8065	**	ALARM	5	00:00	00:00	00:00	-
8066	**	ALARM	5	00:00	00:00	00:00	-
8067	**	ALARM	5	00:00	00:00	00:00	-
8068	**	ALARM	5	00:00	00:00	00:00	-
8069	**	ALARM	5	00:00	00:00	00:00	-
8070	**	ALARM	5	00:00	00:00	00:00	-
8071	**	ALARM	5	00:00	00:00	00:00	-
8072	**	ALARM	5	00:00	00:00	00:00	-
8073	**	ALARM	5	00:00	00:00	00:00	-
8074	**	ALARM	5	00:00	00:00	00:00	-
8075	**	ALARM	5	00:00	00:00	00:00	-
8076	**	ALARM	5	00:00	00:00	00:00	-
8077	**	ALARM	5	00:00	00:00	00:00	-

8078	**	ALARM	5	00:00	00:00	00:00	-
8079	**	ALARM	5	00:00	00:00	00:00	-
8080	***	ALARM	1	00:00	00:00	00:00	-
8081	***	ALARM	1	00:00	00:00	00:00	-
8082	***	ALARM	1	00:00	00:00	00:00	-
8083	***	ALARM	1	00:00	00:00	00:00	-
8084	***	ALARM	1	00:00	00:00	00:00	-
8085	***	ALARM	1	00:00	00:00	00:00	-
8086	***	ALARM	1	00:00	00:00	00:00	-
8087	***	ALARM	1	00:00	00:00	00:00	-
8088	***	ALARM	1	00:00	00:00	00:00	-
8089	***	ALARM	1	00:00	00:00	00:00	-
8096	***	ALARM	1	00:00	00:00	00:00	-
8097	***	ALARM	1	00:00	00:00	00:00	-
8098	***	ALARM	1	00:00	00:00	00:00	-
8099	***	ALARM	1	00:00	00:00	00:00	-
8100	**	ALARM	5	00:00	00:00	00:00	-
8101	**	ALARM	5	00:00	00:00	00:00	-
8102	**	ALARM	5	00:00	00:00	00:00	-
8103	*	ALARM	NONE	00:00	00:00	00:00	-
8104	*	ALARM	NONE	00:00	00:00	00:00	-
8105	*	ALARM	NONE	00:00	00:00	00:00	-
8106	*	ALARM	NONE	00:00	00:00	00:00	-
8107	*	ALARM	NONE	00:00	00:00	00:00	-
8108	*	ALARM	NONE	00:00	00:00	00:00	-
8109	**	ALARM	5	00:00	00:00	00:00	-
8110	**	ALARM	5	00:00	00:00	00:00	-
8111	***	ALARM	1	00:00	00:00	00:00	-
8112	*	ALARM	NONE	00:00	00:00	00:00	-
8113	*	ALARM	NONE	00:00	00:00	00:00	-
8119	**	ALARM	5	00:00	00:00	00:00	-
8120	**	ALARM	5	00:00	00:00	00:00	-
8121	**	ALARM	5	00:00	00:00	00:00	-
8122	**	ALARM	5	00:00	00:00	00:00	-
8123	**	ALARM	5	00:00	00:00	00:00	-
8124	**	ALARM	5	00:00	00:00	00:00	-
8125	***	ALARM	1	00:00	00:00	00:00	-
8126	**	ALARM	5	00:00	00:00	00:00	-
8127	**	ALARM	5	00:00	00:00	00:00	-
8128	**	ALARM	5	00:00	00:00	00:00	-
8129	**	ALARM	5	00:00	00:00	00:00	-
8130	**	ALARM	5	00:00	00:00	00:00	-
8131	**	ALARM	5	00:00	00:00	00:00	-
8132	**	ALARM	5	00:00	00:00	00:00	-
8133	**	ALARM	5	00:00	00:00	00:00	-
8134	**	ALARM	5	00:00	00:00	00:00	-
8135	**	ALARM	5	00:00	00:00	00:00	-
8136	**	ALARM	5	00:00	00:00	00:00	-
8137	**	ALARM	5	00:00	00:00	00:00	-
8138	**	ALARM	5	00:00	00:00	00:00	-
8139	***	ALARM	1	00:00	00:00	00:00	-
8140	**	ALARM	5	00:00	00:00	00:00	-
8141	***	ALARM	1	00:00	00:00	00:00	-
8142	***	ALARM	1	00:00	00:00	00:00	-
8143	***	ALARM	1	00:00	00:00	00:00	-
8144	***	ALARM	1	00:00	00:00	00:00	-
8145	**	ALARM	5	00:00	00:00	00:00	-
8146	**	ALARM	5	00:00	00:00	00:00	-
8147		NOTICE	NONE	00:00	00:00	00:00	00:00:15
8148		NOTICE	NONE	00:00	00:00	00:00	00:00:15
8149		NOTICE	NONE	00:00	00:00	00:00	00:00:15
8150	***	ALARM	1	00:00	00:00	00:00	-
8151	***	ALARM	1	00:00	00:00	00:00	-
8152	***	ALARM	1	00:00	00:00	00:00	-
8153	***	ALARM	1	00:00	00:00	00:00	-
8154	***	ALARM	1	00:00	00:00	00:00	-
8155	***	ALARM	1	00:00	00:00	00:00	-
8156	***	ALARM	1	00:00	00:00	00:00	-

8157	***	ALARM	1	00:00	00:00	00:00	-
8158	***	ALARM	1	00:00	00:00	00:00	-
8159	***	ALARM	1	00:00	00:00	00:00	-
8160	***	ALARM	1	00:00	00:00	00:00	-
8161	**	ALARM	5	00:00	00:00	00:00	-
8162		NOTICE	NONE	00:00	00:00	00:00	00:00:15
8163	**	ALARM	5	00:00	00:00	00:00	-
8164	***	ALARM	1	00:00	00:00	00:00	-
8165	**	ALARM	5	00:00	00:00	00:00	-
8166	**	ALARM	5	00:00	00:00	00:00	-
8167	***	ALARM	1	00:00	00:00	00:00	-
8168	*	ALARM	NONE	00:00	00:00	00:00	-
8169	*	ALARM	NONE	00:00	00:00	00:00	-
8172	**	ALARM	5	00:00	00:00	00:00	-
8173		DISTUR	NONE	00:00	00:00	00:00	00:00:15
8174	*	ALARM	NONE	00:00	00:00	00:00	-
8175	**	ALARM	5	00:00	00:00	00:00	-
8176	***	ALARM	1	00:00	00:00	00:00	-
8178	**	ALARM	5	00:00	00:00	00:00	-
8179	**	ALARM	5	00:00	00:00	00:00	-
8180	**	ALARM	5	00:00	00:00	00:00	-
8181	**	ALARM	5	00:00	00:00	00:00	-
8182	**	ALARM	5	00:00	00:00	00:00	-
8183	**	ALARM	5	00:00	00:00	00:00	-
8184		NOTICE	NONE	00:00	00:00	00:00	00:00:15
8185		DISTUR	NONE	00:00	00:00	00:00	00:00:15
8186	*	ALARM	NONE	00:00	00:00	00:00	-
8190	*	ALARM	NONE	00:00	00:00	00:00	-
8191	*	ALARM	NONE	00:00	00:00	00:00	-
8192	*	ALARM	NONE	00:00	00:00	00:00	-
8193	**	ALARM	5	00:00	00:00	00:00	-
8194	**	ALARM	5	00:00	00:00	00:00	-
8195	***	ALARM	1	00:00	00:00	00:00	-
8200	**	ALARM	5	00:00	00:00	00:00	-
8201	**	ALARM	5	00:00	00:00	00:00	-
8202	***	ALARM	1	00:00	00:00	00:00	-
8203	***	ALARM	1	00:00	00:00	00:00	-
8206		DISTUR	NONE	00:00	00:00	00:00	00:00:15
8207		DISTUR	NONE	00:00	00:00	00:00	00:00:15
8213	**	ALARM	5	00:00	00:00	00:00	-
8214	**	ALARM	5	00:00	00:00	00:00	-
8215	***	ALARM	1	00:00	00:00	00:00	-
8216	***	ALARM	1	00:00	00:00	00:00	-
8221	***	ALARM	1	00:00	00:00	00:00	-
8222	***	ALARM	1	00:00	00:00	00:00	-
8223		DISTUR	NONE	00:00	00:00	00:00	00:00:15
8230		NOTICE	NONE	00:00	00:00	00:00	00:00:15
8240	**	ALARM	5	00:00	00:00	00:00	-
8241	***	ALARM	1	00:00	00:00	00:00	-
8242	*	ALARM	NONE	00:00	00:00	00:00	-
8250	*	ALARM	NONE	00:00	00:00	00:00	-
8254		NOTICE	NONE	00:00	00:00	00:00	00:00:15
8256	*	ALARM	NONE	00:00	00:00	00:00	-
8257	**	ALARM	5	00:00	00:00	00:00	-
8258	*	ALARM	NONE	00:00	00:00	00:00	-
8259		NOTICE	NONE	00:00	00:00	00:00	00:00:15
8260		NOTICE	NONE	00:00	00:00	00:00	00:00:15
8261		NOTICE	NONE	00:00	00:00	00:00	00:00:15
8262	***	ALARM	1	00:00	00:00	00:00	-
8263		NOTICE	NONE	00:00	00:00	00:00	00:00:15
8264	**	ALARM	5	00:00	00:00	00:00	-
8265		NOTICE	NONE	00:00	00:00	00:00	00:00:15