NOKIA

Nokia ITN C2.1-2 Integrated Transmission Node Release

Generic Failure Status Report

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Contents

Summary of changes

Document	Date	Comment
dn0497564 issue 1-0	31 May 2004	

1 About this document

This document describes the current unsolved problems in the ITN C2.1-2 Integrated transmission node release, as well as the corrections made to the existing problems in previous releases. Instructions on how to recover or avoid certain problems are included. Problems fixed in the ITN C2.1-1 release are also included.

The element managers in this release are available on SiteWizard C4.0.

This report is issued on 4th of March 2004.

2 Open problems

This chapter lists the open problems in the Nokia ITN C2.1-1 and ITN C2.1-2 Integrated Transmission Node release, including node software (SW), hardware (HW) and node managers.

2.1 Problem table description

In the problem tables below, the following information is displayed:

Heading row

The table-heading row shows the internal reference number of the problem first. It is provided here to help identify any particular problem.

Problem Description

This field describes the problem and the consequence(s) of it in brief, and may give instructions on how to avoid or work around the problem.

Exists in

This field lists the ITN FXC SW and HW and MetroHub versions in which the problem exists.

Solved in

This field lists the ITN FXC SW and HW and MetroHub versions in which the problem will be solved.

Applies to

This field lists which product the problem applies to, in the following manner:

- Problem applying to UltraSite BTS is marked with 'USBTS'
- Problem applying to MetroSite BTS is marked with 'MSBTS'
- Problem applying to MetroHub is marked with 'MHB'

Priority

- This field classifies a problem regarding to the impact it has on the unit's operation.

2.2 Open problems in the Nokia ITN C2.1-2 Integrated Transmission Node release

Table 1. Open problems

ID	Title	Priority	Description	Applies to	Exists in
3189ES08P	File Mode: Flexbus 2 (FB2) cross-connections are not removed when FXC RRI is changed to HSB mode. This may cause the manager to crash when settings are added to FB1 after HSB has been enabled.	C - Minor	This problem occurs when adding priorities to Flexbus 2 (FB2) in MetroHub Manager or USBTS Hub Manager in the file mode. If the operational mode is changed to hot standby (HSB), and priorities are added to FB1, and then the mode is changed back to single mode, the manager becomes unstable and may lead to the Manager crashing. Solution: Remove all settings (cross-connections, EOCs, MCB/LCBs, possible Q1 loop protection) from FB2 before setting the FXC RRI unit to HSB mode.	MHB, MSBTS, USBTS	ITN C2.1
2764ES08P	Pilot Bits do not work in time slot 0, because Sa bit mode is not changed from fixed '1' to transparent.	C - Minor	There is no work-around, pilot bits only work in other time slots than 0.	MHB, MSBTS, USBTS	ITN C2.1
3187ES08P	Modifying any protected bi-directional cross-connections for missing units may cause the Manager to crash.	B-Major	If there is a unit missing in the node, all Termination points on that unit are shown as Unspecified Termination points. During Q1 Management settings, these are automatically converted to Termination points corresponding to the settings of an installed unit. Any protected bi-directional cross-connections than have condition bits set to ON in this missing unit will be shown in the cross-connections View. If the user attempts to modify these cross-connections the manager crashes.	MHB, MSBTS, USBTS	ITN C2.1
3309ES08P	Saving an ITN C2.0 node offline file	C - Minor	Saving an ITN C2.0 release	MHB,	ITN C2.1

ID	Title	Priority	Description	Applies to	Exists in
	(*.dat) with C2.1 managers (*.nod) corrupts the cross-connections.		node offline file (with extension *.dat) with ITN C2.1 release managers in the offline mode (to extension *.nod) corrupts most of the cross-connections. Work around: If you need to restore settings to a node from an ITN C2.0 release node file with ITN C2.1 managers, use the *.dat file of the ITN C2.0 release and do not modify it to a *.nod file.	USBTS	
P184702	Editing a cross-connection does not release the capacity reservation from the termination point selection view	C - Minor	When editing the existing cross-connections and changing the granularity or cross-connection type, the termination point selections are cleared from the Edit cross-connection view. However, in the Termination point selection (in ?2M? frame) the capacity is reserved for the original connection. This prevents placing the new connection on top of the original. Recovery: Delete the old cross-connection and add a new one via the Add cross-connection function.	MHB, USBTS, MSBTS	ITN C2.0
P190102	MHB start-ups with mixed use of power supply units (Ascom and Efore) fails occasionally.	C - Minor	When a fully configured MHB (five FXC units and a few OUs) with FXC E1(T1) of HW version B0 and mixed use of power supply units (Ascom and Efore) is started up from the power supply unit's stand-by switch, the start-up of the FXC units sometimes fails. Note: this problem might also occur in AC voltage breaks, if the redundant power supply is in the stand-by mode. Recovery: Repeat the start-up of MHB until it starts up properly.	MHB	ITN C2.0
P213702	FXC E1 unit cannot be the master if the node is synchronised to T1.	B - Major	Due to HW limitations in the ITN C2.1 release, the FXC E1 unit cannot be used as the master unit, if the synchronisation source is T1. The master unit in this case must be an ITN release C2.1 FXC E1/T1 unit or an FXC E1 of an earlier ITN release.	MHB, USBTS	ITN C2.1
P213802	FXC RRI unit cannot be the master if the node is synchronised to T1.	B - Major	Due to HW limitation in the ITN C2.1 release, the FXC RRI unit cannot be used as the master unit, if the	MHB, USBTS	ITN C2.1

ID	Title	Priority	Description	Applies to	Exists in
			synchronisation source is T1. The master unit in this case must be ITN release C2.1 FXC E1/T1 unit or an FXC RRI unit of an earlier ITN release.		
P309E02	Uninstalling a unit does not remove the cross-connections completely.	C - Minor	When a unit is uninstalled, the cross-connections that are terminated to the unit in question are automatically removed. However, if the other termination point is in the FXC RRI unit only the 8k level cross-connection is removed and the 2M level FXC RRI unit cross-connection remains.	MHB, USBTS	ITN C2.0
2146ES11P	When restoring node settings or commissioning with MetroHub Manager the site name is not set to the node.	C - Minor	The name of the site is not set to the node when restoring node settings or commissioning MetroHub using a *.nod or *.dat file. Work around: Write the site name manually to the node.	MHB	ITN C2.1
2811ES41	Limitations in the Commissioning Report.	C - Minor	There are some limitations in the Commissioning report: in the synchronisation priorities and loop bits and in Q1 management bus and loop settings channels and Flexbusses are marked as 0. Information on FXC and outdoor units is partly missing. Work around: Print/save the configuration report after you have commissioned the node.	MHB, USBTS	ITN C2.1
2983ES09P	2M cross-connections and Flexbus settings are lost if downgrading C2.1 to C2.0.	C - Minor	Recovery: Modify or import cross-connections back up to C2.1 and set Flexbus settings correctly.	MHB. USBTS, MSBTS	ITN C2.1
P42077	MSBTS looses FXC RRI after downgrading/upgrading FXC RRI unit software.	C - Minor	If MSBTS is in supervisory state and FXC RRI SW is up/downgraded, MSBTS looses the FXC RRI unit from equipping. Also the transmission manager cannot be opened any longer. Solution: Reset the BCF.	MSBTS	ITN C2.0
3684ES39	After a Q1 loop protection has been deleted it is still shown in the manager until a new manager connection has been made.	C - Minor	The Q1 loop protection setting is still shown in the manager after it has been deleted because of a missing refresh. Recovery: Re-connect to the manager and the correct status will be shown.	MHB, USBTS, MSBTS	ITN C2.1
3709ES38	Modification of a protected cross-connection's termination point may fail and after error messages the modified	C - Minor	Sometimes the modification of a protected cross-connection's termination point	MHB, USBTS, MSBTS	ITN C2.1

ID	Title	Priority	Description	Applies to	Exists in
	cross-connection is not shown.		fails and after error messages the modified cross-connection may even disappear. Recovery: Delete the protected cross-connection and re-create it with the desired modification.		
2148ES11P	If the HW configuration is changed, or restore backup settings or commissioning is carried out with the alarm view open, the manager may start showing alarms for incorrect units.	C - Minor	If the HW configuration is changed, or restore backup settings or commissioning is carried out with the alarm view open, the manager may start showing alarms for incorrect units. Solution: Make a new connection with the manager.	MHB, USBTS	ITN C2.1
3169ES08P	Far-end status is not always shown correctly in the hot standby view.	C - Minor	The hot standby view in MetroHub Manager and UltraSite BTS Hub Manager does not always show the correct status for the far-end outdoor units.	MHB, USBTS	ITN C2.1
3368ES08P	Performing an interface counter reset in the FXC RRI manager's statistics dialogue box also resets the CPU counter.	C - Minor	Performing an interface counter reset in the FXC RRI manager's statistics dialogue box also resets the CPU counter.	MHB, USBTS, MSBTS	ITN C2.1
3833ES08P	ITN C2.1 E1/T1 manager does not reset signal quality counters if the FXC SW used is ITN C2.0.	C - Minor	ITN C2.1 E1/T1 Manager does not reset signal quality counters if the FXC SW used is ITN C2.0. Workaround: Use Q1 tool command FE(FXC E1):8,200,121 to reset the counters.	MHB, MSBTS, USBTS	ITN C2.1
P183702	Alarm monitoring and Refresh is left incomplete for the unit, if some of the units in the node are in the 'not present' state.	C - Minor	If an FXC unit or outdoor unit is 'not present' in the configuration and Alarm monitoring is on, or Refresh selected, information from the other units in the configuration are not read. Recovery: Uninstall the 'not present' unit in the equipment view with the manager to receive the right information from the other units.	MHB, USBTS	ITN C2.0
P183902	HW-mismatch unit is shown as 'Not present', if alarm monitoring is on and refresh is selected.	C - Minor	If alarm monitoring is on and refresh selected in MetroHub or USBTS Hub manager a HW-mismatch unit is shown as 'not present', although it should always be show n as present, but marked with a red frame. Recovery: Refresh the Equipment View and install	MHB, USBTS	ITN C2.0

ID	Title	Priority	Description	Applies to	Exists in
			the unit with the manager.		
3076ES08P	Limitations in the Configuration Report	C - Minor	The configuration report contains some limitations: -MetroHopper ‘Hop mode’ is always shown as ‘slave’. -MetroHopper ‘channel spacing’ is shown as ‘1’ and ‘2’. 1 = 100 MHz and 2 = 50 MHz. -MetroHopper ‘Channels’ lists all the channels that were selected when the hop was commissioned. -ALCQ set point is shown as ‘fading margin’.	MHB, USBTS	ITN C2.1
2072ES11P	The interface loops dialogue box shows interfaces 13, 15 and 16 after factory reset command is executed to the node and unit.	C - Minor	After executing a factory reset to the node and unit, the interface loops dialogue box shows interfaces 13, 15 and 16, although these interfaces are disabled in the indoor unit’s interface loop settings dialogue box in the standalone FXC RRI manager. Recovery: Perform a manager refresh or disconnect and reconnect again to fix this problem.	MSBTS	ITN C2.1
2115ES11P	Outdoor units are shown as 'Not Present' in the Equipment view after a HW reset to all units in MHB.	C - Minor	If a hardware reset is given to all units in MetroHub the equipment view will falsely show the outdoor units as 'not present'. The reason behind this is that the manager refreshes the equipment view too soon. Recovery: Right click on the Equipment view and select ‘Refresh all’ to update the equipment view.	MHB	ITN C2.1
2926ES08P	The used LMP speed and address are not restored after Node factory default command is given with the standalone FXC RRI manager.	B - Major	After executing the node factory default command the LMP speed will change to 9600 baud rate, which will cause a loss of the connection to MSBTS. Recovery: make a new LMP connection with 9600 baud and change the LMP speed back to the desired speed and address manually.	MSBTS	ITN C2.1
P215002	When performing a HW reset , the 2M cross-connections for EOC/Sync are sometimes deleted in an inactive bank.	C - Minor	Work around: If a 2M cross-connection(s) is missing for EOC/Sync in inactive bank, copy the active to an inactive bank to correct the cross-	MHB, USBTS, MSBTS	ITN C2.1

ID	Title	Priority	Description	Applies to	Exists in
			connections.		
2144ES11P	Restoring backup settings to a release C2.0 node with a release C2.1 MetroHub manager does not always send all settings.	B - Major	Restoring backup settings is not possible from a node with C2.0 SW using a C2.1 MetroHub manager, even if the file was saved from the node with release C2.0 manager SW. Work-around: Use C2.0 managers.	MHB	ITN C2.1
2188ES11P, 2149ES11P	If FB DC is 'On' in the Node file for a Flexbus with a direct cable connection, the node may answer 'functional error' when it is sent and rest of the unit settings for that FXC RRI unit are not sent at all.	C - Minor	When using an XML file for restoring backup settings, FB and PIF settings are not always sent to the FXC RRI unit when direct FB connections are used. Solution: Use only *.nod format node files with FB DC set 'Off' for direct cable connections when restoring backup settings to a node. Pronto 2149ES11P combined to this pronto. When commissioning node with *.nod files and direct FB connections are used, ensure that FB DC for direct cable connections is set to 'Off' in the file.	MHB, USBTS	ITN C2.1
3179ES43	FlexiHopper interface loop resets the radio after approximately 2 minutes, when used with an FXC RRI unit.	C - Minor	FlexiHopper microwave radio resets itself after 2 minutes, if FlexiHopper interface loop is activated with the radio connected to an FXC RRI unit.	MHB, USBTS, MSBTS	ITN C2.1
P107002	Unit heating self test	C - Minor	The heating test is disabled, if there is only one power supply unit in the right slot. Work around: If you are using only one power supply unit, use the left slot.	MHB	ITN C1.2
P165502	Negative temperatures missing	C - Minor	When measuring negative temperatures from the Test menu, the temperature is shown correctly but the minus sign (-) is missing from the displayed number.	MHB	ITN C2.0
P233402	Node reset s if an incorrect signal is connected to the synchronisation input connectors.	B - Major	When the FXC E1(/T1) interface is selected as the synchronisation input into a priority list, there must be a clk signal connected to the interface or it will cause a unit/node reset.	MHB, USBTS, MSBTS	ITN C2.0
3540ES39	A remote connection may be lost when the primary loop direction becomes available in a BSC polled cut loop network.	C - Minor	When BSC polling is used, a remote manager connection may be lost when the integrity of a loop network is restored.	MHB, USBTS; MSBTS	ITN C2.1

ID	Title	Priority	Description	Applies to	Exists in
			Solution: Re-open the remote connection		
P185202	It is not recommended to use default Q1 parameters in NMS/10MF remote management.	C - Minor	Differing from the default value settings in the MF manager C2.5 ?Bus settings?, the following values can be used as a start point when finding the optimal values: Q1 Packet timeout: 5 (x 100 ms), Q1 Application delay: 0 (x 100 ms), Q1 Empty packet delay 1 (x 100 ms), Q1 Inter packet delay: 0 (x 100 ms), Command retry: 3 Using default settings may cause Q1 EOC channel disturbances and Q1 traffic cuts and thus losses of supervision connections to the nodes or degraded EOC performance.	MHB, USBTS, MHB	ITN C2.0
P187902	Q1 service channel does not work properly sometimes.	B - Major	With new ITN HW (release C2.0 or C2.1) there can be problems with BSC polling. When only new HW is used in the network the EOC channel might be unstable and remote manager sessions become unusable. Also in the BSC Q1 equipment list, the nodes states are changing (partial init → OK). Recovery: If instability is seen, it is recommended to use Q1 SW bridge (Q1 data forwarded by SW) in some of the nodes in the network. Q1 SW bridge is in use if old ITN HW (release C1.2) is used in the node. With new ITN HW (release C2.0 or C2.1) you can select the SW bridge by setting the Q1 loop protection into use (even in a chain or star configuration) or setting the Q1 switch int-to-ext on.	MHB, USBTS, MSBTS	ITN C2.1
P53077	Q1 loop corrupted with faulty radio links.	B - Major	If Q1 Loop protection is used, it is not recommended to use OH summing in any hop. In some cases it is possible that the radio link is not cut properly and Q1 data is looped. As a result the whole Q1 channel is no longer working.	MHB, USBTS, MSBTS	ITN C1.2
3054ES08P	PM data is only collected every other day from radios that are connected to FXC RRI units.	C - Minor	The PM data that can be gathered from MetroHopper and FlexiHopper radios by the BSC is only listed for every other day if the radios are connected to an FXC RRI unit.	MHB, USBTS, MSBTS	ITN C2.1

ID	Title	Priority	Description	Applies to	Exists in
P183602	MF clears FXC units alarm history	C - Minor	When MF is polling the alarms, it will execute a clear event history within a certain time period. A history clear in the FXC unit deletes all even history events. Therefore, in MF polling FXC event history is empty.	MHB, USBTS, MSBTS	ITN C1.2
3352ES39	The remote connection is lost after a successful software download to an FXC unit, if BSC polling is used.	C - Minor	When BSC polling is used the remote connection may be lost after remote software download or after a remote software activation. Recovery: Re-open the remote connection.	MHB, USBTS, MSBTS	ITN C2.1
3597ES03	MetroHub alarm report printing has functional failures.	C - Minor	The content of the alarm report is different if selecting direct alarm view printing to file mode printing (alr-file). Printing a sorted alarm view provides a print of an unsorted alarm view. Work around: None. File mode printing has too much information, including also alarm history information. ID information is missing. Sorting, filtering or selecting an FXC unit has not effect on the printing results. Alarm history has no active/cancel status information. Work around: Alarm view printing is to be preferred. Print from the manager's alarm view with the pop-up menu's print selection.	MHB, USBTS. MSBTS	ITN C2.1

3 Corrected problems

This chapter lists the problems that existed in previous ITN releases and that have been fixed in the ITN C2.1-1 and ITN C2.1-2 releases.

3.1 Problems corrected in the Nokia ITN C2.1-2 Integrated Transmission Node release

ID	Title	Priority	Description	Applies to	Exists in	Corrected in
1-22338592, 1-11299034, 1-20636905, P2610216	Repeating BTS-Alarm 2993 after ITN SW C2.0 or C2.1 is upgraded to ITN C1.2 HW.	B – Major	Sometimes the BTS-Alarm 2993 starts to repeatedly occur after ITN SW C2.0 or C2.1 is upgraded to ITN C1.2 HW. **Solution:** Upgrade to ITN C2.1-2 SW using local software download.	MHB, USBTS, MSBTS	ITN C2.0, ITN C2.1	ITN C2.1-2
2117ES11P	The parameter names for the modulation type in FlexiHopper Plus are different than in Hopper Manager.	C – Minor	The parameter names of the modulation type are different compared to the Hopper Manager. Full Bandwidth → 4-state modulation Half Bandwidth → 16-state modulation	MHB, USBTS, MSBTS	ITN C2.1	ITN C2.1-1
2382ES08P	The bandwidth settings of FlexiHopper Plus are not read in the radio Wizard.	C – Minor	**Work around:** Bandwidth settings can be set in the outdoor unit settings before running the Radio Wizard.	MHB, USBTS, MSBTS	ITN C2.1	ITN C2.1-1
P105102	Alarm properties settings are lost in software activation between ITN C1.2 and ITN C2.0.	C – Minor	When activating software between ITN C1.2 and ITN C2.0 the alarm properties settings are lost. Could not be reproduced.	MHB, USBTS, MSBTS	ITN C2.0	ITN C2.1
P144202	When a connection to a BTS (LMP port) is made using a	C – Minor	'Could not open connection to device' error message appears after clicking 'Apply' or 'OK': The	USBTS, MSBTS	ITN C2.0	ITN C2.1

ID	Title	Priority	Description	Applies to	Exists in	Corrected in
	connection tool with a speed rate of 9600, error messages will appear if the speed is changed.		rate of speed will change but the connection to the device is lost (a new connection must be made using speed set at 115k).			
P159002	Adding new EOCs and creating or removing Sync Loop Bits removes the cross -connections in the Inactive bank.	B – Major	When the EOCs are created to/removed from the FXC RRI unit's Flexbus channels (not overhead), the contents of the inactive bank are lost. The also happens when creating/removing Sync Loop Bits in the FXC RRI Unit.	MHB, USBTS, MSBTS	ITN C2.0	ITN C2.1
P162202	The configuration report does not contain information on FXC and outdoor units if the 'Refresh node before report' option has been selected.	C - Minor	If the 'Refresh node before report' option has been selected in the configuration report's option dialogue box, all FXC and outdoor unit related information is lost from the report. **Work around:** If the user wants to include FXC and outdoor unit related information in the report, the user has to click once on every FXC unit in the Equipment view in order to activate the units, before viewing, saving or printing the configuration report.	MHB, USBTS	ITN C2.0	ITN C2.1
P165602	Change over from cabinet heating to cooling gives a short alarm.	C - Minor	The 'Fault in power supply' alarm may be seen during the ambient temperature decrease. In this case the alarm is related to change over from the cabinet heating to cooling. **Work around:** Setting a 5s delay for the BSC or NMS prevents the alarm from appearing. See the instructions in the Nokia MetroHub Transmission Node product documentation.	MHB	ITN C1.2	ITN C2.1
P171302	Wrong severities of alarms in NMS2000.	C - Minor	Alarm severities in the managers may vary from the severities shown in BSC and NMS 2000.	MHB, USBTS, MSBTS	ITN C2.0	ITN C2.1
P172402	Saving node information in a file must be easier than at the moment.	C - Minor	The current procedure for making back-ups of the MetroHub equipment is quite complex, including multi-tasks requiring setting and editing various parameters. Due to the number of different settings that need to be configured, there is always a chance that some settings may be missed during the procedure. This back-up procedure will be simplified in the ITN C2.1 release.	MHB, USBTS, MSBTS	ITN C2.0	ITN C2.1
P184602	2M bypass cross-	C - Minor	A new 2M bypass cross-	MHB,	ITN C2.0	ITN C2.1

ID	Title	Priority	Description	Applies to	Exists in	Corrected in
	connections cannot be created if all platform interfaces are already in use.		connection cannot be created, if all the FXC RRI interfaces are already in use. **Recovery:** Create all the 2M bypass cross-connections first and then other payload connections.	USBTS, MSBTS		
P186502	If a radio, which is in 'wrong type' state, is uninstalled, it disappears from the equipment view, although it should only be changed to the 'not installed ' state.	C - Minor	If a radio of the 'wrong type' state is uninstalled with the Manager, it appears to disappear from the Equipment View window. In ITN release C2.1, the radio will remain visible but the state is changed to 'Not Installed '.	MHB, USBTS, MSBTS	ITN C2.0	ITN C2.1
P193102	Inconsistent Graphical user interface in Windows 98 operating system.	C – Minor	When using UltraSite BTS Hub Manager C2.0 with the Windows 98 operating system, some of the graphical user interface components may display incorrectly. This does not affect the use of the management application, and will be corrected in the ITN C2.1 release.	USBTS	ITN C2.0	ITN C2.1
P194802	Cross-connecting bank activation may fail if power reset occurs immediately after activation.	C- Minor	If power reset occurs shortly after a cross-connection bank activation if should be verified that all cross-connections have been saved by refreshing the cross-connections from the node.	MHB, USBTS, MSBTS	ITN C1.2	ITN C2.1
P2630816	UltraSite BTS in DN2 loop goes down.	B- Major	USBTS (FXC E1, FIU19 & FlexiHopper) goes down even if there are no transmission alarms in network.	USBTS	ITN C2.0	ITN C2.1
P2642316	UltraSite BTS in DN2 loop goes down after new SW upgrade.	B- Major	USBTS in DN2 loop (FXC E1, FIU19 & FlexiHopper) goes down without any transmission alarms.	USBTS	ITN C2.0	ITN C2.1
P2644216	Problem with FXC E1/T1 SW version S36122C0.	C - Minor	Two sites in the loop were down. Both of these sites were on the same ET. No alarms were observed on the FXC E1 unit. The problem was solved via putting the Line Interface to "not in use" and then again putting it back to "interface in use". Even if 2Mb is removed and re-connected, the problem still remains. If LIF is made out of use, and in use again, all sites come up.	USBTS	ITN C2.0	ITN C2.1
P3014016	Omu block problem still exist.	C - Minor	USBTS (FXC E1) every now and then down, no transmission alarms showing.	USBTS	ITN C2.0	ITN C2.1
P3043216	Drol MSBTS problem	C - Minor	MSBTS chain with FXC	MSBTS	ITN C2.0	ITN C2.1

ID	Title	Priority	Description	Applies to	Exists in	Corrected in
			E1/FIU/FlexiHopper. About twice a month, after link problems, transmission is not working between sites, but no transmission alarms showing. After setting FXC E1 LIF 'not in use/in use' problem is solved.			
P5952051	Version mismatch alarm missing in BSC.	C – Minor	FC 221, 'Version mismatch' alarm is missing in BSC SW.	MHB, USBTS	ITN C1.2	S10.5
P5953051	FC40 and FC222 (MetroHopper) alarm description missing	C – Minor	MetroHopper alarms FC40 and FC222 are not recognised by the S9 BSC SW. In the managers FC 40 alarm has no description, but the alarm is listed. FC222 is not listed at all. The correct description for FC040 is 'no free channel' and for FC222 'corrupt data'. BSC SW S10.5 recognises these alarms and the managers have been updated in ITN C2.1.	MHB, USBTS, MSBTS	ITN C1.2	S10.5, ITN C2.1
P66077	Uninstalled MetroHopper radio is not visible in equipment view	B – Major	If 'FXC RRI~1 Outdoor Unit MetroHopper, FE=2, is present but not installed.' error message is shown in manager start-up. The MetroHopper OU has to be installed with Q1 tool command m:6,2,2,2.	MSBTS	ITN C1.2	ITN C2.1
P7210051	Error message after SW activation remotely	C - Minor	Activating the new SW to FXC Node master unit (DNCU) gives error message 'Reset failed after initiation'. USBTS is connected to the BSC via DNCU (FXC E1) and the new SW is activated to the same unit, and BSC connection is cut for a short time period. Activation works correctly, and slave units become automatically visible after DNCU has been re-started.	USBTS	ITN C2.0	ITN C2.1

Note

The new Element Managers are released on SiteWizard 4.0