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**Extensions for Financial Services (XFS) interface specification -
Release 3.03 - Part 37: XFS MIB Device Specific Definitions -
Sensors and Indicators Unit Device Class MIB 1.1**

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Foreword

This CWA is revision 3.03 of the XFS interface specification.

The CEN/ISSS XFS Workshop gathers suppliers as well as banks and other financial service companies. A list of companies participating in this Workshop and in support of this CWA is available from the CEN/ISSS Secretariat.

This CWA was formally approved by the XFS Workshop meeting on 2004-09-24. The specification is continuously reviewed and commented in the CEN/ISSS Workshop on XFS. It is therefore expected that an update of the specification will be published in due time as a CWA, superseding this revision 3.03.

This document supersedes CWA 14050-37:2004.

The CWA is published as a multi-part document, consisting of:

Part 1: Application Programming Interface (API) - Service Provider Interface (SPI); Programmer's Reference

Part 2: Service Classes Definition; Programmer's Reference

Part 3: Printer Device Class Interface - Programmer's Reference

Part 4: Identification Card Device Class Interface - Programmer's Reference

Part 5: Cash Dispenser Device Class Interface - Programmer's Reference

Part 6: PIN Keypad Device Class Interface - Programmer's Reference

Part 7: Check Reader/Scanner Device Class Interface - Programmer's Reference

Part 8: Depository Device Class Interface - Programmer's Reference

Part 9: Text Terminal Unit Device Class Interface - Programmer's Reference

Part 10: Sensors and Indicators Unit Device Class Interface - Programmer's Reference

Part 11: Vendor Dependent Mode Device Class Interface - Programmer's Reference

Part 12: Camera Device Class Interface - Programmer's Reference

Part 13: Alarm Device Class Interface - Programmer's Reference

Part 14: Card Embossing Unit Class Interface - Programmer's Reference

Part 15: Cash In Module Device Class Interface- Programmer's Reference

Part 16: Application Programming Interface (API) - Service Provider Interface (SPI) - Migration from Version 2.0 (see CWA 13449) to Version 3.0 (this CWA) - Programmer's Reference

Part 17: Printer Device Class Interface - Migration from Version 2.0 (see CWA 13449) to Version 3.0 (this CWA) - Programmer's Reference

Part 18: Identification Card Device Class Interface - Migration from Version 2.0 (see CWA 13449) to Version 3.00 (see CWA 14050-4:2000; superseded) - Programmer's Reference

Part 19: Cash Dispenser Device Class Interface - Migration from Version 2.0 (see CWA 13449) to Version 3.0 (this CWA) - Programmer's Reference

Part 20: PIN Keypad Device Class Interface - Migration from Version 2.0 (see CWA 13449) to Version 3.00 (see CWA 14050-6:2000; superseded) - Programmer's Reference

Part 21: Depository Device Class Interface - Migration from Version 2.0 (see CWA 13449) to Version 3.0 (this CWA) - Programmer's Reference

Part 22: Text Terminal Unit Device Class Interface - Migration from Version 2.0 (see CWA 13449) to Version 3.0 (this CWA) - Programmer's Reference

Part 23: Sensors and Indicators Unit Device Class Interface - Migration from Version 2.0 (see CWA 13449) to Version 3.01 (this CWA) - Programmer's Reference

Part 24: Camera Device Class Interface - Migration from Version 2.0 (see CWA 13449) to Version 3.0 (this CWA) - Programmer's Reference

Part 25: Identification Card Device Class Interface - PC/SC Integration Guidelines

Part 26: Identification Card Device Class Interface - Migration from Version 3.0 (see CWA 14050-4:2000; superseded) to Version 3.02 (this CWA) - Programmer's Reference

Part 27: PIN Keypad Device Class Interface - Migration from Version 3.0 (see CWA 14050-6:2000; superseded) to Version 3.02 (this CWA) - Programmer's Reference

Part 28: Cash In Module Device Class Interface - Migration from Version 3.0 (see CWA 14050-15:2000; superseded) to Version 3.02 (this CWA) - Programmer's Reference

Part 42: PIN Keypad Device Class Interface - Migration from Version 3.02 (see CWA 14050-6:2003; superseded) to Version 3.03 (this CWA) - Programmer's Reference

In addition to these Programmer's Reference specifications, the reader of this CWA is also referred to a complementary document, called Release Notes. The Release Notes contain clarifications and explanations on the CWA specifications, which are not requiring functional changes. The current version of the Release Notes is available online from <http://www.cenorm.be/iss/Workshop/XFS>.

The following parts constitute an optional addendum to this CWA. They define the integration between the SNMP standard and the set of status and statistical information exported by the service providers.

Part 29: XFS MIB Architecture and SNMP Extensions – Programmer's Reference

Part 30: XFS MIB Device Specific Definitions - Printer Device Class

Part 31: XFS MIB Device Specific Definitions - Identification Card Device Class

Part 32: XFS MIB Device Specific Definitions - Cash Dispenser Device Class

Part 33: XFS MIB Device Specific Definitions - PIN Keypad Device Class

Part 34: XFS MIB Device Specific Definitions - Check Reader/Scanner Device Class

Part 35: XFS MIB Device Specific Definitions - Depository Device Class

Part 36: XFS MIB Device Specific Definitions - Text Terminal Unit Device Class

Part 37: XFS MIB Device Specific Definitions - Sensors and Indicators Unit Device Class

Part 38: XFS MIB Device Specific Definitions - Camera Device Class

Part 39: XFS MIB Device Specific Definitions - Alarm Device Class

Part 40: XFS MIB Device Specific Definitions - Card Embossing Unit Class

Part 41: XFS MIB Device Specific Definitions - Cash In Module Device Class

Part 43: XFS MIB Device Specific Definitions – Vendor Dependent Mode Device Class

Part 44: XFS MIB Application Management

The information in this document represents the Workshop's current views on the issues discussed as of the date of publication. It is furnished for informational purposes only and is subject to change without notice. CEN/ISSS makes no warranty, express or implied, with respect to this document.

Revision History:

1.0	20 January 2004	Initial release of XFS MIB specification
1,1	15 April 2007	Update of the MIB to add support for a Detailed Status Trap, a Device Reset capability and the support of SMIV2.

This CEN Workshop Agreement is publicly available as a reference document from the National Members of CEN : AENOR, AFNOR, ASRO, BDS, BSI, CSNI, CYS, DIN, DS, ELOT, EVS, IBN, IPQ, IST, LVS, LST, MSA, MSZT, NEN, NSAI, ON, PKN, SEE, SIS, SIST, SFS, SN, SNV, SUTN and UNI

Comments or suggestions from the users of the CEN Workshop Agreement are welcome and should be addressed to the CEN Management Centre.

1. Introduction

This document provides the device specific MIB definition (Management Information Base) variables for the xfsSIU sub-tree version one, as foreseen by the *XFS MIB Architecture and SNMP Extensions Programmer's Reference* document.

The xfsSIU version one sub-tree is identified by:

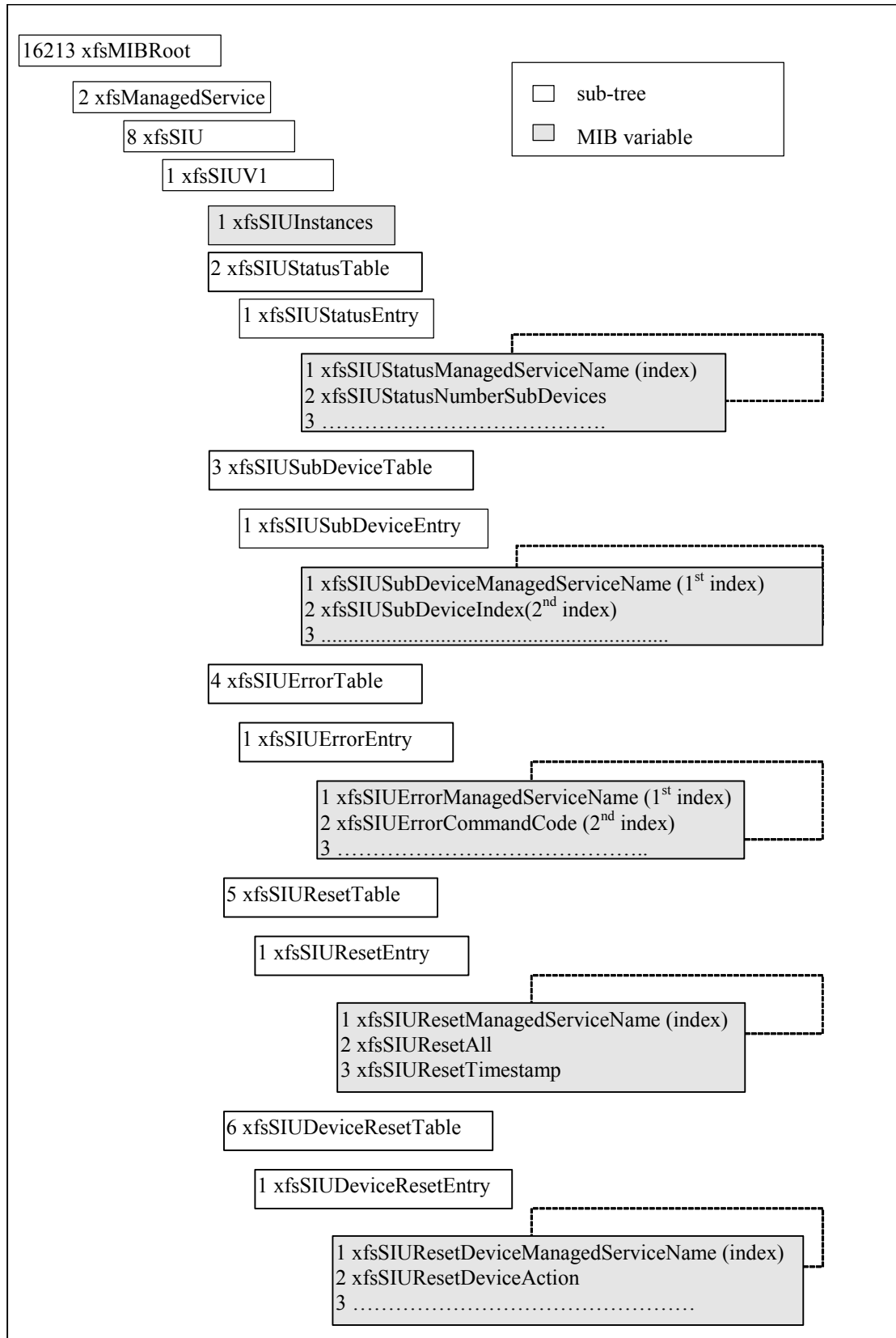
xfsMIBRoot

- xfsManagedService (2)
 - xfsSIU (8)
 - xfsSIUV1 (1)

The xfsSIUV1 sub-tree contains the following variables:

- *xfsSIUInstances(1)* is the number of managed services for the SIU class installed on the XFS subsystem. It is a 32 bit numerical field.
- *xfsSIUStatusTable(2)* identifies the table for the SIU variables.
- *xfsSIUSubDeviceTable(3)* not applicable to the SIU device.
- *xfsSIUErrorTable(4)* identifies the table for the SIU error counters.
- *xfsSIUResetTable(5)* identifies the table for the SIU reset variable.
- *xfsSIUResetDeviceTable(6)* identifies the table for the SIU reset device variables

The *XFS MIB Architecture and SNMP Extensions Programmer's Reference* document provides an overview of the MIB structure. The following picture shows the structure of the *xfsSIUV1* sub-tree.



Section 3 describes how the Status, Sub-Device, Error and Reset tables apply to the SIU device class.

2. XFS SIU MIB variables

This section describes the MIB variables for the tables of the SIU Class. The description of the variables listed below includes, where it is meaningful, a reference to relevant data structures and commands defined inside the *Sensors and Indicators Unit Device Class Interface Programmer's Reference*. The following are some general notes pertaining to the MIB variables:

- All command response counters maintained by the service provider are persistent across re-boots.
- One application command may trigger only one command-related counter to be updated.
- One application command may trigger one or multiple status variables to be updated.
- All command response counters are read-writable unless otherwise specified.
- Each managed service has a Reset table that allows all the response counters to be reset.
- Each managed service has a Reset Device table that allows the WFS_CMD_SIU_RESET command to be executed from the management station.

2.1 XFS SIU Status Table

The *xfSSIUStatusTable(2)* groups the variables identifying device status information, statistics and additional variables. It is indexed through a single parameter, *xfSSIUStatusManagedServiceName*. All device status variables are read-only.

Additional variables can be used to contain vendor-dependent variables. These variables do not start immediately after the standard variables in order to allow for expansion of the standard variables, the first additional variable can be added at position 1000.

xfSSIUStatusManagedServiceName is the instance identifier of the managed service and uniquely identifies one instance of the SIU class.

As an example, the identifier for the device status value of *xfSSIUStatusDevice(3)* for a device with managed service name equal to "GuideLights1" is as follows:

Character	G	u	i	d	e	L	i	g	h	t	s	l
ASCII Hex	47	75	69	64	65	4C	69	67	68	74	73	31
ASCII Dec	71	117	105	100	101	76	105	103	104	116	115	49

NOTE: SNMP OID representation of strings consists of a length field specifying the number of characters in the string followed by the ASCII code in decimal for each character in the string. Therefore the OID of the above example is:

xfSMIBRoot.2.8.1.2.1.3.12.71.117.105.100.101.76.105.103.104.116.115.49

2.1.1 xfsSIUStatusTable: States

The first three status variables are common across all device classes, the other variables are device class specific.

xfSSIUStatusManagedServiceName(1)

Uniquely identifies the managed service

xfSSIUStatusNumberSubDevices(2)

Defines how many sub-devices the service has. This is always 0 in the SIU.

xfSSIUStatusDevice(3)

It contains the device state. It is a numeric type field. Allowed values are:

Value	Meaning
<i>xfSDevOnline(1)</i>	The device is present, powered on and online (i.e., operational, not busy processing a request and not in an error state).
<i>xfSDevOffline(2)</i>	The device is offline (e.g., the operator has taken the device offline by turning a switch or pulling out the device).
<i>xfSDevPowerOff(3)</i>	The device is powered off or physically not connected.

xfsDevNoDevice(4)	There is no device intended to be there; e.g. this type of self service machine does not contain such a device or it is internally not configured.
xfsDevHWError(5)	The device is present but inoperable due to a hardware fault that prevents it from being used.
xfsDevUserError(6)	The device is present but a person is preventing proper device operation. The application should suspend the device operation or remove the device from service until the service provider generates a device state change event indicating the condition of the device has changed e.g. the error is removed (WFS_SIU_DEVONLINE) or a permanent error condition has occurred (WFS_SIU_DEVHWERROR).
xfsDevBusy(7)	The device is busy and unable to process an Execute command at this time.

xfsSIUStatusOperatorSwitchSensors (4)

It contains the state of the operator switch sensor. It is a numeric type field. Allowed values are:

Value	Meaning
xfsSIUOperatorSwitchNotAvailable(1)	The status is not available.
xfsSIUOperatorSwitchRun(2)	The switch is in Run mode.
xfsSIUOperatorSwitchMaintenance(3)	The switch is in Maintenance mode.
xfsSIUOperatorSwitchSupervisor(5)	The switch is in Supervisor mode.

xfsSIUStatusTamperSensors (5)

It contains the state of the tamper sensor. It is a numeric type field. Allowed values are:

Value	Meaning
xfsSIUSensorNotAvailable(1)	The status is not available.
xfsSIUSensorOff(2)	There is no indication of a tampering attempt.
xfsSIUSensorOn(3)	There has been a tampering attempt.

xfsSIUStatusIntTamperSensors (6)

It contains the state of the internal tamper sensor. It is a numeric type field. Allowed values are:

Value	Meaning
xfsSIUSensorNotAvailable(1)	The status is not available.
xfsSIUSensorOff(2)	There is no indication of a tampering attempt.
xfsSIUSensorOn(3)	There has been a tampering attempt.

xfsSIUSeismicSensors (7)

It contains the state of the seismic sensor. It is a numeric type field. Allowed values are:

Value	Meaning
xfsSIUSensorNotAvailable(1)	The status is not available.
xfsSIUSensorOff(2)	The seismic activity has not been high enough to trigger the sensor.
xfsSIUSensorOn(3)	The seismic or other activity has triggered the sensor.

xfsSIUStatusHeatSensors (8)

It contains the state of the heat sensor. It is a numeric type field. Allowed values are:

Value	Meaning
xfsSIUSensorNotAvailable(1)	The status is not available.
xfsSIUSensorOff(2)	The heat has not been high enough to trigger the sensor.
xfsSIUSensorOn(3)	The heat has been high enough to trigger the sensor.

xfsSIUStatusProximitySensors (9)

It contains the state of the proximity sensor. It is a numeric type field. Allowed values are:

Value	Meaning
xfsSIUProximityNotAvailable(1)	The status is not available.

xfsSIUProximityPresent(2) The sensor is showing that there is **someone** present at the terminal.
 xfsSIUProximityNotPresent(3) The sensor can **not** sense any people around the terminal.

xfsSIUStatusAmbLightSensors (10)

It contains the state of the ambient light sensor. It is a numeric type field. Allowed values are:

Value	Meaning
xfsSIUAmbLightNotAvailable(1)	The status is not available.
xfsSIUAmbLightVeryDark(2)	The level of light is: very dark
xfsSIUAmbLightDark(3)	The level of light is: dark
xfsSIUAmbLightMediumLight(5)	The level of light is: medium light
xfsSIUAmbLightLight(9)	The level of light is: light
xfsSIUAmbLightVeryLight(17)	The level of light is: very light

xfsSIUStatusEnhancedAudioSensors (11)

It contains the state of the headphone connected to the Audio Jack. It is a numeric type field. Allowed values are:

Value	Meaning
xfsSIUEnhancedAudioNotAvailable(1)	The status is not available.
xfsSIUEnhancedAudioPresent(2)	The sensor is showing that there is a headset connected.
xfsSIUEnhancedAudioNotPresent(3)	The sensor can not sense any headset connected.

xfsSIUStatusCabinetDoors (12)

It contains the state of the cabinet doors. It is a numeric type field. Allowed values are:

Value	Meaning
xfsSIUDoorsNotAvailable(1)	The status is not available.
xfsSIUDoorsClosed(2)	The Cabinet Doors are closed .
xfsSIUDoorsOpen(3)	At least one of the Cabinet Doors is open .
xfsSIUDoorsLocked(5)	The Cabinet Doors are closed and locked .
xfsSIUDoorsBolted(9)	The Cabinet Doors are closed, locked and bolted .

xfsSIUStatusSafeDoors (13)

It contains the state of the safe doors. It is a numeric type field. Allowed values are:

Value	Meaning
xfsSIUDoorsNotAvailable(1)	The status is not available.
xfsSIUDoorsClosed(2)	The Safe Doors are closed .
xfsSIUDoorsOpen(3)	At least one of the Safe Doors is open .
xfsSIUDoorsLocked(5)	The Safe Doors are closed and locked .
xfsSIUDoorsBolted(9)	The Safe Doors are closed, locked and bolted .

xfsSIUStatusVandalShieldDoors (14)

It contains the state of the vandal shield. It is a numeric type field. Allowed values are:

Value	Meaning
xfsSIUVandalShieldNotAvailable(1)	The status is not available.
xfsSIUVandalShieldClosed(2)	The Vandal Shield is closed .
xfsSIUVandalShieldOpen(3)	The Vandal Shield is open .
xfsSIUVandalShieldLocked(5)	The Vandal Shield is closed and locked .
xfsSIUVandalShieldService(17)	The Vandal Shield is in service position.
xfsSIUVandalShieldKeyboard(33)	The Vandal Shield position permits access to the keyboard.
xfsSIUVandalShieldAjar(65)	The Vandal Shield is ajar.
xfsSIUVandalShieldJammed(129)	The Vandal Shield is jammed.

xfsSIUStatusOpenCloseIndicators (15)

It contains the state of the open/closed indicator. It is a numeric type field. Allowed values are:

Value	Meaning
xfsSIUOpenCloseIndicatorsNotAvailable(1)	The status is not available.
xfsSIUOpenCloseIndicatorClosed(2)	The terminal is closed for a consumer.
xfsSIUOpenCloseIndicatorOpen(3)	The terminal is open to be used by a consumer.

xfsSIUStatusFasciaLightIndicators (16)

It contains the state of the fascia light. It is a numeric type field. Allowed values are:

Value	Meaning
xfsSIUIndicatorNotAvailable(1)	The status is not available.
xfsSIUIndicatorOff(2)	The Fascia Light is turned off .
xfsSIUIndicatorOn(3)	The Fascia Light is turned on .

xfsSIUStatusAudioIndicators (17)

It contains the state of the audio indicator. It is a bit-mask numeric type field. Allowed values can be WFS_SIU_NOT_AVAILABLE or a combination of the following other values:

Value	XFS Enumeration	Meaning
0	WFS_SIU_NOT_AVAILABLE	The status is not available.
1	WFS_SIU_OFF	The Audio Indicator is turned off .
2	WFS_SIU_KEYPRESS	The Audio Indicator sounds a key click signal.
4	WFS_SIU_NOT_EXCLAMATION	The Audio Indicator sounds a exclamation signal.
8	WFS_SIU_NOT_WARNING	The Audio Indicator sounds a warning signal.
16	WFS_SIU_NOT_ERROR	The Audio Indicator sounds a error signal.
32	WFS_SIU_NOT_CRITICAL	The Audio Indicator sounds a critical signal.
128	WFS_SIU_NOT_CONTINUOUS	The Audio Indicator sound is turned on continuously.

xfsSIUStatusHeatingIndicators (18)

It contains the state of the internal heating. It is a numeric type field. Allowed values are:

Value	Meaning
xfsSIUIndicatorNotAvailable(1)	The status is not available.
xfsSIUIndicatorOff(2)	The Heating is turned off .
xfsSIUIndicatorOn(3)	The Heating is turned on .

xfsSIUStatusVolumeAux (19)

It contains the state of the audio volume control. It is a numeric type field. Allowed values are:

Value	Meaning
xfsSIUNotAvailable(0)	The status is not available.
1, ...,1000	The volume level.

xfsSIUStatusUPSAux (20)

It contains the state of the Uninterruptible Power Supply device. It is a numeric type field.

Allowed values can be WFS_SIU_NOT_AVAILABLE or a combination of the other values:

Value	XFS Enumeration	Meaning
0	WFS_SIU_NOT_AVAILABLE	There is no UPS available.
1	WFS_SIU_AVAILABLE	The UPS is available
2	WFS_SIU_LOW	The charge level of the UPS is low
4	WFS_SIU_ENGAGED	The UPS is engaged
8	WFS_SIU_POWERING	The UPS is powering the system. The main power supply is off.
16	WFS_SIU_RECOVERED	The UPS was engaged when the main power went off

xfsSIUStatusRemoteStatusMonitorAux (21)

It contains the state of the Remote Status Monitor device. It is a numeric type field. Allowed values can be WFS_SIU_NOT_AVAILABLE or a combination of the following values:

Value	XFS Enumeration	Meaning
0	WFS_SIU_NOT_AVAILABLE	The status of the device is not available
1	WFS_SIU_GREEN_LED_ON	The green LED is on
2	WFS_SIU_GREEN_LED_OFF	The green LED is off
4	WFS_SIU_AMBER_LED_ON	The amber LED is on
8	WFS_SIU_AMBER_LED_OFF	The amber LED is off
16	WFS_SIU_RED_LED_ON	The red LED is on
32	WFS_SIU_RED_LED_OFF	The red LED is off

xfsSIUStatusAudibleAlarmAux (22)

It contains the state of the Audible Alarm device. It is a numeric type field. Allowed values are:

Value	Meaning
xfsSIUAuxiliaryNotAvailable(1)	The status is not available
xfsSIUAuxiliaryOff(2)	The Alarm is turned off
xfsSIUAuxiliaryOn(3)	The Alarm is turned on

xfsSIUStatusEnhancedAudioControlAux (23)

It contains the state of the Audio Jack Controller. It is a numeric type field. Allowed values are:

Value	Meaning
xfsSIUEnhancedAudioControlAuxNotAvailable (1)	There is no Audio Jack Controller available.
xfsSIUEnhancedAudioControlAuxPublicAudioManual (2)	The Audio Jack is in manual mode and is in the public state (ie audio will be played through speakers). Connecting a headset will have no impact, ie. Output will remain through the speakers & no audio will be directed to the headset.
xfsSIUEnhancedAudioControlAuxPublicAudioAuto (3)	The Audio Jack is in auto mode and is in the public state (ie audio will be played through speakers). When a headset is connected the device will go to the private state.
xfsSIUEnhancedAudioControlAuxPublicAudioSemiAuto (5)	The Audio Jack is in semi-auto mode and is in the public state (ie audio will be played through speakers). When a headset is connected the device will go to the private state.
xfsSIUEnhancedAudioControlAuxPrivateAudioManual (9)	The Audio Jack is in manual mode and is in the private state (ie audio will be played only through a connected headset). In private mode, no audio is transmitted through the speakers.
xfsSIUEnhancedAudioControlAuxPrivateAudioAuto (17)	The Audio Jack is in auto mode and is in the private state (ie audio will be played only through a connected headset). In private mode, no audio is transmitted through the speakers. When a headset is disconnected, the device will go to the public state.
xfsSIUEnhancedAudioControlAuxPrivateAudioSemiAuto (33)	The Audio Jack is semi-auto mode and is in the private state (ie audio will be played through a connected headset). In private mode, no audio is transmitted through the speakers. When a headset is

disconnected, the device will remain in the private state.

xfsSIUStatusCardUnitGuideLights (24)

It contains the state of the Card Unit (IDC) guidelight. It is a numeric type field. Allowed values are:

Value	Meaning
xfsSIUGuideLightsNotAvailable(1)	The status is not available.
xfsSIUGuideLightsOff(2)	The light is turned off .
xfsSIUGuideLightsSlowFlash(5)	The light is blinking slowly .
xfsSIUGuideLightsMediumFlash(9)	The light is blinking medium frequency .
xfsSIUGuideLightsQuickFlash(17)	The light is blinking quickly .
xfsSIUGuideLightsContinuous(33)	The light is turned on continuous (steady).

xfsSIUStatusPinpadGuideLights (25)

It contains the state of the PIN pad unit guidelight. Allowed values are the same as variable xfsSIUStatusCardUnitGuideLights (24).

xfsSIUStatusNotesDispenserGuideLights (26)

It contains the state of the Note Dispenser unit guidelight. Allowed values are the same as variable xfsSIUStatusCardUnitGuideLights (24).

xfsSIUStatusCoinDispenserGuideLights (27)

It contains the state of the Coin Dispenser unit guidelight. Allowed values are the same as variable xfsSIUStatusCardUnitGuideLights (24).

xfsSIUStatusReceiptPrinterGuideLights (28)

It contains the state of the Receipt Printer unit guidelight. Allowed values are the same as variable xfsSIUStatusCardUnitGuideLights (24).

xfsSIUStatusPassbookPrinterGuideLights (29)

It contains the state of the Passbook Printer unit guidelight. Allowed values are the same as variable xfsSIUStatusCardUnitGuideLights (24).

xfsSIUStatusEnvDepositoryGuideLights (30)

It contains the state of the Envelope Depository unit guidelight. Allowed values are the same as variable xfsSIUStatusCardUnitGuideLights (24).

xfsSIUStatusChequeUnitGuidelights (31)

It contains the state of the Cheque Processing unit guidelight. Allowed values are the same as variable xfsSIUStatusCardUnitGuideLights (24).

xfsSIUStatusBillAcceptorGuideLights (32)

It contains the state of the Bill Acceptor unit guidelight. Allowed values are the same as variable xfsSIUStatusCardUnitGuideLights (24).

xfsSIUStatusEnvDispenserGuideLights (33)

It contains the state of the Envelope Dispenser unit guidelight. Allowed values are the same as variable xfsSIUStatusCardUnitGuideLights (24).

xfsSIUStatusDocumentPrinterGuideLights (34)

It contains the state of the Document Printer unit guidelight. Allowed values are the same as variable xfsSIUStatusCardUnitGuideLights (24).

xfsSIUStatusCoinAcceptorGuideLights (35)

It contains the state of the Coin Acceptor unit guidelight. Allowed values are the same as variable xfsSIUStatusCardUnitGuideLights (24).

xfsSIUStatusScannerGuideLights (36)

It contains the state of the Scanner unit guidelight. Allowed values are the same as variable xfsSIUStatusCardUnitGuideLights (24).

xfsSIUStatusSpare1GuideLights (37)

It contains the state of the fourteenth Spare device guidelight. Allowed values are the same as variable *xfsSIUStatusCardUnitGuideLights* (24).

xfsSIUStatusSpare2GuideLights (38)

It contains the state of the fifteenth Spare device guidelight. Allowed values are the same as variable *xfsSIUStatusCardUnitGuideLights* (24).

xfsSIUStatusSpare3GuideLights (39)

It contains the state of the sixteenth Spare device guidelight. Allowed values are the same as variable *xfsSIUStatusCardUnitGuideLights* (24).

xfsSIUStatusExtraStatus (100)

It contains the vendor dependent additional device status information as an OCTET STRING. The information is returned as a series of "key=value" strings. Each string is null-terminated, with the final string terminating with two null characters.

2.2 XFS SIU Sub Device Table

The SIU service class does not support any sub-devices, therefore the *xfsSIUStatusNumberSubDevices* will be reported as zero. Sub-device tables are usually used to report sub-device status for Cash Units within a CDM or CIM device class.

2.3 XFS SIU Error Table

The *xfsSIUErrorTable(4)* provides access to all command response counters supported by a device class. The error table contains the set of counters for every combination of executable command and associated response that the service provider supports. The counters report the number of times that a response has been returned from a particular command since the counts were last reset. Selection of the required counter is made by specifying the managed service name, command code and response code through the following parameters

xfsSIUErrorManagedServiceName
xfsSIUErrorCommandCode
xfsSIUErrorResponseCode

The *xfsSIUErrorTable(4)* is defined as:

- *xfsSIUErrorManagedServiceName(1)* which provides the primary index to the service in question. It is Display String field. The *xfsSIUErrorManagedServiceName* parameter corresponds to the value of *xfsMIBRoot.xfsGeneral.xfsMIBV1.xfsManagedServiceTable.xfsManagedServiceEntry.xfsManagedServiceName* in the general table. E.g. "GuideLights1".
- *xfsSIUErrorCommandCode(2)* is an index which identifies the command code that that response code related to, e.g. WFS_CMD_SIU_ENABLE_EVENTS (801).It is a 32 bit numerical field.
- *xfsSIUErrorResponseCode(3)* is an index which identifies the response code that the count is required for. It is the absolute value of the error code e.g. WFS_ERR_SIU_SYNTAX (-802) is represented by 802. It is a 32 bit numerical field
- *xfsSIUErrorCount(4)* is the count of the number of times that a particular response code has been generated while executing a specific command, since they were last reset. It is a 32 bit numerical field.

All counter variables are read-write. Issue of a Set command on a specific counter with value x will result in the individual counter being set to value x.

As an example, the identifier for the error count value for the WFS_ERR_SIU_SYNTAX (-802) error returned from the WFS_CMD_SIU_ENABLE_EVENTS (801) command for a device with managed service name equal to "GuideLights1" is as follows:

xfsmIBRoot.2.8.1.4.1.4.12.71.117.105.100.101.76.105.103.104.116.115.49.801.802

2.4 XFS SIU Reset Table

The *xfSSIUResetTable(5)* contains the *xfSSIUResetAll* and *xfSSIUResetTimestamp* variables and is indexed by the single variable, *xfSSIUResetManagedServiceName*. When the *xfSSIUResetAll* variable is set to 0 (zero), all the counters in the error table for the managed service are reset to 0 (zero), all other values are ignored.

The *xfSSIUResetTable(5)* is defined as:

- *xfSSIUResetManagedServiceName(1)* which provides the primary index to the service in question. It is Display String field. The *xfSSIUResetManagedServiceName* parameter corresponds to the value of *xfsmIBRoot.xfsGeneral.xfsMIBV1.xfsManagedServiceTable.xfsManagedServiceEntry.xfsManagedServiceName* in the general table. E.g. “GuideLights1”.
- *xfSSIUResetAll(2)* is a read-write variable. Issue of a Set command on the *xfSSIUResetAll* variable with value 0 (zero) will result in all counters for the managed service being reset to value 0 (zero). Any other value will be ignored. A query of the *xfSSIUResetAll* variable will return 0 (zero).
- *xfSSIUResetTimestamp(3)* is a read-only variable which represents the UTC date and time when the counters in the error table was reset, it is a Display String field. The data is formatted in the following way: “DD/MM/YYYY HH:MM:SS +ZZZ” where DD/MM/YYYY HH:MM:SS is the local date and time. ZZZ is the bias, which is the difference, in minutes, between Co-ordinated Universal Time (UTC) and local time.

As an example, all the error counts can be reset for a device with managed service name equal to “GuideLights1” by setting the value zero in the *xfSSIUResetAll* variable represented by:

xfsmIBRoot.2.8.1.5.1.2.12.71.117.105.100.101.76.105.103.104.116.115.49

2.5 XFS SIU Reset Device Table

The *xfSSIUResetDeviceTable(6)* is indexed by the single variable, *xfSSIUResetDeviceManagedServiceName*. This table contains variables which monitor and control the execution of the reset request.

The *xfSSIUResetDeviceAction* variable is used to initiate a reset. Setting this variable will cause the following to happen

1. The SNMP agent will determine if a Device Reset is allowed by checking the *RemoteDeviceResetAllowed* configuration flag (see XFS Common Management Configuration section, within the *XFS MIB Architecture and SNMP Extensions Programmer’s Reference* document). If it is not allowed then the flow continues with step 5, otherwise the flow continues with step 2.
2. Exclusive access to the device will be obtained.
3. A WFS_CMD_SIU_RESET command will be issued.
4. Exclusive access to the device will be relinquished when the WFS_CMD_SIU_RESET command completes. Note: Exclusive access must be relinquished as soon as possible and implemented in such a way that deadlocks are avoided.
5. A *xfSSIUResetDeviceCompleteTrap* trap will be generated to report the result of the Device Reset request.

The *xfSSIUResetDeviceTable(6)* is defined as:

- *xfSSIUResetDeviceManagedServiceName(1)* which provides the index to the service in question. It is a Display String field. The *xfSSIUResetDeviceManagedServiceName* parameter corresponds to the value of *xfsmIBRoot.xfsGeneral.xfsMIBV1.xfsManagedServiceTable.xfsManagedServiceEntry.xfsManagedServiceName* in the general table. E.g. “GuideLights1”.

- *xfSsiUResetDeviceAction(2)*) is a read-write variable. Issue of a Set command on the *xfSsiUResetDeviceAction* variable with value *executeReset(1)* will result in the device being reset as described above.
- *xfSsiUResetDeviceMediaControl(3)*) is a read-only variable. As there is no media in the SIU device class this variable can only report the *mediaDefault* value.
- *xfSsiUResetDeviceStatus(4)*) is a read only variable This variable can be used to check if a reset operation is still in progress. It is set when the reset is initiated and cleared when the reset command completes.

As an example, the device with managed service name equal to “GuideLights1” is reset by setting the *xfSsiUResetDeviceAction* variable represented by:

xfSMIBRoot.2.8.1.6.1.2. 12.71.117.105.100.101.76.105.103.104.116.115.49

3. SIU Traps

The following sections define XFS Traps that are specific to the SIU device class.

3.1 SIU Detailed Device Status Change Trap

Status changes within managed services are reported as system events to the XFS Agent. The following section explicitly defines the format of the SIU Detailed Device Status Change trap. However, the format is split into two sections; the fields that are common to all device specific traps and the fields that are specific to each device class. The common fields are defined in the *XFS MIB Architecture and SNMP Extensions Programmer's Reference* document. The fields that are specific to the SIU reflect the SIU Status Table as defined in section 2.1.

The detailed device status change event is only generated when the top level status changes within a managed service, i.e. the trap is generated when the fwDevice value in the WFS_INF_SIU_STATUS response has changed. In addition, this trap is only generated on version 1.1 of the MIB and higher and is sent in addition to the summary device status change trap.

The SNMP Specific trap value 108 defines the trap as a SIU Detailed Device Status Change trap.

3.1.1 SIU Detailed Device Status Change Trap Format

The following defines the variable bindings included in the SIU Detailed Device Status Change Trap.

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapSysName (1)

This variable binding contains the system generating the alarm, it is a Display String field. It corresponds to lpszWorkstationName in the device status change event data from the service provider.

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapManagedServiceName (2)

This variable binding represents the managed service name generating the alarm, it is a Display String field. The agent derives this field from the device status change event.

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapManagedServiceClass (3)

This variable binding represents the XFS service class identifier generating the alarm, it is a 32-bit integer (INT32). It corresponds to the class identifier for the class name. The class name is identified from the registry value

HKEY_LOCAL_MACHINE\SOFTWARE\XFS\MANAGEMENT_PROVIDERS\<ManagedServiceName>\class. This ID matches the class OID branch number i.e. PTR=1, IDC=2, CDM=3, etc. See the *XFS MIB Architecture and SNMP Extensions Programmer's Reference* document for a complete list of these values.

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapManagedServiceClassName (4)

This variable binding represents the XFS service class name generating the alarm, it is a Display String field. It corresponds to the three character representation of the XFS device class name, and it is useful for human interpretation of a trap. The class name is identified from the registry value

HKEY_LOCAL_MACHINE\SOFTWARE\XFS\MANAGEMENT_PROVIDERS\<ManagedServiceName>\class.

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapManagedServiceType (5)

This variable binding represents the XFS type identifier generating the alarm, it is a 32-bit integer (INT32). It corresponds to the type identifier as defined in the WFS_INF_SIU_CAPABILITIES.fwType field

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapManagedServiceOid (6)

This variable binding represents the OID of the sub-tree within xfsManagedService defining the management information for this class of managed service. This variable, along with the managed service name as an index, prevents the need for additional querying to find the service specific MIB branch. The SIU MIB class is represented by .1.3.6.1.4.1.16213.2.8

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapPhysicalDeviceName (7)

This variable binding represents the physical device name or names associated with the managed service generating the alarm, it is a Display String field. It corresponds to the physical device name or names identified by the managed service. The managed service name is used to identify the physical device name or names, from registry value

HKEY_LOCAL_MACHINE\SOFTWARE\XFS\MANAGEMENT_PROVIDERS\<ManagedServiceName>\PhysicalDeviceName. Multiple physical device names are comma separated.

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapDeviceVendor (8)

This variable binding represents the XFS device vendor name of the device generating the alarm, it is a Display String field. It corresponds to the vendor name for the service provider. The service provider is identified from the managed service name and the registry value

HKEY_LOCAL_MACHINE\SOFTWARE\XFS\MANAGEMENT_PROVIDERS*<ManagedServiceName>*\ServiceProvider.

The service provider name is then used to identify the vendor, from the registry value

HKEY_LOCAL_MACHINE\SOFTWARE\XFS\SERVICE_PROVIDERS*<ServiceProviderName>*\vendor_name.

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapMIBVersion (9)

This variable binding represents the XFS MIB version of the device generating the alarm, it is a Display String field. It corresponds to the XFS MIB version for the managed service. The managed service name is used to identify the XFS MIB version, from registry value

HKEY_LOCAL_MACHINE\SOFTWARE\XFS\MANAGEMENT_PROVIDERS*<ManagedServiceName>*\MibVersion.

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapEvent (10)

In case of XFS this variable binding represents the XFS event generating the alarm, it is a 32-bit integer (INT32). It corresponds to u.dwEventID in the event data from the service provider. See the Application Programming Interface (API) - Service Provider Interface (SPI); Programmer's Reference for a complete description of the event structure.

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapDate (11)

This variable represents the UTC and bias for local translation of the date and time when the event was generated. It is a Display String field. The data is formatted in the following way: "DD/MM/YYYY HH:MM:SS +ZZZ" where DD/MM/YYYY HH:MM:SS is the local date and time. ZZZ is the bias, which is the difference, in minutes, between Co-ordinated Universal Time (UTC) and local time.

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapSPVersion (12)

This variable represents the vendor-defined version of the service provider generating the alarm, it is a Display String field. The service provider is identified from the managed service name and the registry value

HKEY_LOCAL_MACHINE\SOFTWARE\XFS\MANAGEMENT_PROVIDERS*<ManagedServiceName>*\ServiceProvider.

The service provider name is then used to identify the version, from the registry value

HKEY_LOCAL_MACHINE\SOFTWARE\XFS\SERVICE_PROVIDERS*<ServiceProviderName>*\version.

xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfsSIUStatusDevice.xfsSIUStatusManagedServiceName(13)

This variable binding represents the current state of the physical device managed by the service. It is a 32 bit integer (INT32).

xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.**xfsSIUStatusNumberSubDevices**.xfsSIUStatusManagedServiceName (14)

Defines how many sub-devices the service has. This is zero for this device class.

xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfsSIUStatusOperatorSwitchSensors.xfsSIUStatusManagedServiceName (15)

It contains the state of the operator switch sensor. It is a numeric type field.

xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfsSIUStatusTamperSensors.xfsSIUStatusManagedServiceName (16)

It contains the state of the tamper sensor. It is a numeric type field.

xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfsSIUStatusInternalTamperSensors.xfsSIUStatusManagedServiceName (17)

It contains the state of the internal tamper sensor. It is a numeric type field.

xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfsSIUStatusSeismicSensors.xfsSIUStatusManagedServiceName (18)

It contains the state of the seismic sensor. It is a numeric type field.

xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfsSIUStatusHeatSensors.xfsSIUStatusManagedServiceName (19)

It contains the state of the heat sensor. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.
xfSIUStatusProximitySensors.xfsSIUStatusManagedServiceName (20)

It contains the state of the proximity sensor. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.
xfSIUStatusAmbLightSensors.xfsSIUStatusManagedServiceName (21)

It contains the state of the ambient light sensor. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.
xfSIUStatusEnhancedAudioSensors.xfsSIUStatusManagedServiceName (22)

It contains the state of the headphone connected to the Audio Jack. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.
xfSIUStatusCabinetDoors.xfsSIUStatusManagedServiceName (23)

It contains the state of the cabinet doors. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.
xfSIUStatusSafeDoors.xfsSIUStatusManagedServiceName (24)

It contains the state of the safe doors. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.
xfSIUStatusVandalShieldDoors.xfsSIUStatusManagedServiceName (25)

It contains the state of the vandal shield. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.
xfSIUStatusOpenCloseIndicators.xfsSIUStatusManagedServiceName (26)

It contains the state of the open/closed indicator. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.
xfSIUStatusFasciaLightsIndicators.xfsSIUStatusManagedServiceName (27)

It contains the state of the fascia lights. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.
xfSIUStatusAudioIndicators.xfsSIUStatusManagedServiceName (28)

It contains the state of the audio indicator. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.
xfSIUStatusHeatingIndicators.xfsSIUStatusManagedServiceName (29)

It contains the state of the internal heating. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.
xfSIUStatusVolumeAux.xfsSIUStatusManagedServiceName (30)

It contains the state of the audio volume control. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.
xfSIUStatusUPS Aux.xfsSIUStatusManagedServiceName (31)

It contains the state of the Uninterruptible Power Supply device. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.
xfSIUStatusRemoteStatusMonitor Aux.xfsSIUStatusManagedServiceName (32)

It contains the state of the Remote Status Monitor device. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.
xfSIUStatusAudibleAlarm Aux.xfsSIUStatusManagedServiceName (33)

It contains the state of the Audible Alarm device. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.
xfSIUStatusEnhancedAudioControl Aux.xfsSIUStatusManagedServiceName (34)

It contains the state of the Audio Jack controller. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.
xfSIUStatusCardUnitGuideLights.xfsSIUStatusManagedServiceName (35)

It contains the state of the Card unit (IDC) guidelight. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.
xfSIUStatusPinPadGuideLights.xfsSIUStatusManagedServiceName (36)

It contains the state of the Pin Pad unit guidelight. It is a numeric type field.

`xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusNoteDispenserGuideLights.xfsSIUStatusManagedServiceName` (37)

It contains the state of the Note Dispenser unit guidelight. It is a numeric type field.

`xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusCoinDispenserGuideLights.xfsSIUStatusManagedServiceName` (38)

It contains the state of the Coin Dispenser unit guidelight. It is a numeric type field.

`xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusReceiptPrinterGuideLights.xfsSIUStatusManagedServiceName` (39)

It contains the state of Receipt Printer unit guidelight. It is a numeric type field.

`xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusPassbookPrinterGuideLights.xfsSIUStatusManagedServiceName` (40)

It contains the state of the Passbook Printer unit guidelight. It is a numeric type field.

`xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusEnvDepositoryGuideLights.xfsSIUStatusManagedServiceName` (41)

It contains the state of the Envelope Depository unit guidelight. It is a numeric type field.

`xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusChequeUnitGuideLights.xfsSIUStatusManagedServiceName` (42)

It contains the state of the Cheque Processing unit guidelight. It is a numeric type field.

`xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusBillAcceptorGuideLights.xfsSIUStatusManagedServiceName` (43)

It contains the state of the Bill Acceptor unit guidelight. It is a numeric type field.

`xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusEnvDispenserGuideLights.xfsSIUStatusManagedServiceName` (44)

It contains the state of the Envelope Dispenser unit guidelight. It is a numeric type field.

`xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusDocumentPrinterGuideLights.xfsSIUStatusManagedServiceName` (45)

It contains the state of the Document Printer unit guidelight. It is a numeric type field.

`xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusCoinAcceptorGuideLights.xfsSIUStatusManagedServiceName` (46)

It contains the state of the Coin Acceptor unit guidelight. It is a numeric type field.

`xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusScannerGuideLights.xfsSIUStatusManagedServiceName` (47)

It contains the state of the Scanner unit guidelight. It is a numeric type field.

`xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusSpare1GuideLights.xfsSIUStatusManagedServiceName` (48)

It contains the state of the fourteenth Spare device guidelight. It is a numeric type field.

`xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusSpare2GuideLights.xfsSIUStatusManagedServiceName` (49)

It contains the state of the fifteenth Spare device guidelight. It is a numeric type field.

`xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusSpare3GuideLights.xfsSIUStatusManagedServiceName` (50)

It contains the state of the sixteenth Spare device guidelight. It is a numeric type field.

`xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusExtraStatus.xfsSIUStatusManagedServiceName` (51)

It contains the vendor dependent additional device status information as an OCTET STRING. The information is returned as a series of "key=value" strings. Each string is null-terminated, with the final string terminating with two null characters.

3.1.2 SIU Detailed Device Status Change Trap: an example

As an example, the following variable binding list represents a detailed device status change trap (6, 108) that is generated for a SIU with a managed service name of "GuideLights1". It reports that the device is in USER ERROR because the status of the tamper indicator is "On".

xfsmIBRoot.3.1.3.1	(xfsmIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapSysName)
	“SST System 1”
xfsmIBRoot.3.1.3.2	(xfsmIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapManagedServiceName)
	“GuideLights1”
xfsmIBRoot.3.1.3.3	(xfsmIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapManagedServiceClass)
	8 (WFS_SERVICE_CLASS_SIU)
xfsmIBRoot.3.1.3.4	(xfsmIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapManagedServiceClassName)
	“SIU”
xfsmIBRoot.3.1.3.5	(xfsmIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapManagedServiceType)
	0x0011 (WFS_SIU_SENSORS WFS_SIU_GUIDLIGHTS)
xfsmIBRoot.3.1.3.6	(xfsmIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapManagedServiceOid)
	“.1.3.6.1.4.1.16213.2.8”
xfsmIBRoot.3.1.3.7	(xfsmIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapPhysicalDeviceName)
	“Sensorlights”
xfsmIBRoot.3.1.3.8	(xfsmIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapDeviceVendor)
	“Bells and Lights Incorporated”
xfsmIBRoot.3.1.3.9	(xfsmIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapMIBVersion)
	“1.10”
xfsmIBRoot.3.1.3.10	(xfsmIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapEvent)
	4 (WFS_SYSE_DEVICE_STATUS)
xfsmIBRoot.3.1.3.11	(xfsmIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapDate)
	“20/03/2003 15:40:53 -300”
xfsmIBRoot.3.1.3.12	(xfsmIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapSPVersion)
	“1.23”
xfsmIBRoot.2.8.1.2.1.3.Index	(xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusDevice.xfsSIUStatusManagedServiceName)
	6 (WFS_STAT_USERERROR)
xfsmIBRoot.2.8.1.2.1.2.Index	(xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusNumberSubDevices.xfsSIUStatusManagedServiceName)
	0 (No sub device)
xfsmIBRoot.2.8.1.2.1.4.Index	(xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusOperatorSwitchSensors.xfsSIUStatusManagedServiceName)
	2 (xfsSIUOperatorSwitchRun)
xfsmIBRoot.2.8.1.2.1.5.Index	(xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusTamperSensors.xfsSIUStatusManagedServiceName)
	3 (xfsSIUSensorOn)
xfsmIBRoot.2.8.1.2.1.6.Index	(xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusIntTamperSensors.xfsSIUStatusManagedServiceName)
	3 (xfsSIUSensorOn)
xfsmIBRoot.2.8.1.2.1.7.Index	(xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusSeismicSensors.xfsSIUStatusManagedServiceName)

	2 (xfsSIUSensorOff)
xfsMIBRoot.2.8.1.2.1. 8.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusHeatSensors.xfsSIUStatusManagedServiceName)
	2 (xfsSIUSensorOff)
xfsMIBRoot.2.8.1.2.1. 9.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusProximitySensors.xfsSIUStatusManagedServiceName)
	2 (xfsSIUProximityPresent)
xfsMIBRoot.2.8.1.2.1. 10.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusAmbLightSensors.xfsSIUStatusManagedServiceName)
	1 (xfsSIUAmbLightNotAvailable)
xfsMIBRoot.2.8.1.2.1. 11.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusEnhancedAudioSensors.xfsSIUStatusManagedServiceName)
	1 (xfsSIUEnhancedAudioNotAvailable)
xfsMIBRoot.2.8.1.2.1. 12.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusCabinetDoors.xfsSIUStatusManagedServiceName)
	1 (xfsSIUDoorsNotAvailable)
xfsMIBRoot.2.8.1.2.1. 13.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusSafeDoors.xfsSIUStatusManagedServiceName)
	1 (xfsSIUDoorsNotAvailable)
xfsMIBRoot.2.8.1.2.1. 14.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusVandalShieldDoors.xfsSIUStatusManagedServiceName)
	1 (xfsSIUVandalShieldNotAvailable)
xfsMIBRoot.2.8.1.2.1. 15.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusOpenCloseIndicators.xfsSIUStatusManagedServiceName)
	1 (xfsSIUOpenCloseIndicatorsNotAvailable)
xfsMIBRoot.2.8.1.2.1. 16.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusFasciaLightIndicators.xfsSIUStatusManagedServiceName)
	1 (xfsSIUindicatorNotAvailable)
xfsMIBRoot.2.8.1.2.1. 17.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusAudioIndicators.xfsSIUStatusManagedServiceName)
	1 (xfsSIUindicatorNotAvailable)
xfsMIBRoot.2.8.1.2.1. 18.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusHeatingIndicators.xfsSIUStatusManagedServiceName)
	1 (xfsSIUindicatorNotAvailable)
xfsMIBRoot.2.8.1.2.1. 19.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusVolumeAux.xfsSIUStatusManagedServiceName)
	0 (xfsSIUNotAvailable)
xfsMIBRoot.2.8.1.2.1. 20.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusUPSAux.xfsSIUStatusManagedServiceName)
	0 (xfsSIUNotAvailable)
xfsMIBRoot.2.8.1.2.1. 21.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusRemoteStatusMonitorAux.xfsSIUStatusManagedServiceName)
	0 (xfsSIUNotAvailable)
xfsMIBRoot.2.8.1.2.1. 22.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusAudibleAlarmAux.xfsSIUStatusManagedServiceName)
	1 (xfsSIUAuxiliaryNotAvailable)
xfsMIBRoot.2.8.1.2.1. 23.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusEnhancedAudioControlAux.xfsSIUStatusManagedServiceName)

	1 (xfsSIUEnhancedAudioControlAuxNotAvailable)
xfsMIBRoot.2.8.1.2.1. 24.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusCardUnitGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1. 25.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusPinPadGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1. 26.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusNotesDispenseGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1. 27.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusCoinDispenserLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1. 28.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusReceiptPrinterGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1. 29.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusPassbookPrinterGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1. 30.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusEnvDepositoryGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1. 31.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusChequeUnitGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1. 32.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusBillAcceptorGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1. 33.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusEnvDispenserGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1. 34.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusDocumentPrinterGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1. 35.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusCoinAcceptorGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1. 36.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusScannerGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1. 37.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusSpare1GuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1. 38.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusSpare2GuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1. 39.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusSpare3GuideLights.xfsSIUStatusManagedServiceName)

	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1.100.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusExtraStatus.xfsSIUStatusManagedServiceName)
	"0"0' (No extra data)

3.2 SIU Sub-Device Status Change Trap

The SIU does not currently support any sub-devices so the SIU Sub-Device Status Change Trap is not currently defined. The SNMP Specific trap value 208 is reserved in case a sub-device is ever added to the SIU device class.

3.3 SIU Reset Device Complete Trap

On the SIU device class this trap reports the completion of the reset device request and includes the status of the device at that point. If the reset has changed the status of the device then the Device Status Change and a Detail Device Status traps will also be generated.

The SNMP Specific trap value 308 defines the trap as a SIU Reset Device Complete trap.

3.3.1 SIU Reset Device Complete Trap Format

The following defines the variable bindings included in the SIU Reset Device Complete Trap. In the following section, the numbers in parenthesis at the end of each binding just indicate the sequence of the variable bindings within the trap, they do not represent an OID value.

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapResetDeviceResult (1)

This variable binding contains a value indicating if the reset was executed, and if not provides a reason. It does not report the status of the device (i.e. the result of the reset), the current status of the device is reported within the **xfsSIUStatusDevice** binding (var bind 12 below).

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapManagedServiceName (2)

This variable binding represents the managed service name generating the alarm, it is a Display String field. The agent derives this field from the device status change event.

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapManagedServiceClass (3)

This variable binding represents the XFS service class identifier generating the alarm, it is a 32-bit integer (INT32). It corresponds to the class identifier for the class name. The class name is identified from the registry value

HKEY_LOCAL_MACHINE\SOFTWARE\XFS\MANAGEMENT_PROVIDERS\<ManagedServiceName>\class. This ID matches the class OID branch number i.e. PTR=1, IDC=2, CDM=3, etc. See the *XFS MIB Architecture and SNMP Extensions Programmer's Reference* document for a complete list of these values.

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapManagedServiceClassName (4)

This variable binding represents the XFS service class name generating the alarm, it is a Display String field. It corresponds to the three character representation of the XFS device class name, and it is useful for human interpretation of a trap. The class name is identified from the registry value

HKEY_LOCAL_MACHINE\SOFTWARE\XFS\MANAGEMENT_PROVIDERS\<ManagedServiceName>\class.

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapManagedServiceType (5)

This variable binding represents the XFS type identifier generating the alarm, it is a 32-bit integer (INT32). It corresponds to the type identifier as defined in the WFS_INF_SIU_CAPABILITIES.fwType field.

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapManagedServiceOid (6)

This variable binding represents the OID of the sub-tree within xfsManagedService defining the management information for this class of managed service. This variable, along with the managed service name as an index,

prevents the need for additional querying to find the service specific MIB branch. The SIU MIB class is represented by .1.3.6.1.4.1.16213.2.8

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapPhysicalDeviceName (7)

This variable binding represents the physical device name or names associated with the managed service generating the alarm, it is a Display String field. It corresponds to the physical device name or names identified by the managed service. The managed service name is used to identify the physical device name or names, from registry value

HKEY_LOCAL_MACHINE\SOFTWARE\XFS\MANAGEMENT_PROVIDERS*<ManagedServiceName>*\PhysicalDeviceName. Multiple physical device names are comma separated.

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapDeviceVendor (8)

This variable binding represents the XFS device vendor name of the device generating the alarm, it is a Display String field. It corresponds to the vendor name for the service provider. The service provider is identified from the managed service name and the registry value

HKEY_LOCAL_MACHINE\SOFTWARE\XFS\MANAGEMENT_PROVIDERS*<ManagedServiceName>*\ServiceProvider.

The service provider name is then used to identify the vendor, from the registry value

HKEY_LOCAL_MACHINE\SOFTWARE\XFS\SERVICE_PROVIDERS*<ServiceProviderName>*\vendor_name.

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapMIBVersion (9)

This variable binding represents the XFS MIB version of the device generating the alarm, it is a Display String field. It corresponds to the XFS MIB version for the managed service. The managed service name is used to identify the XFS MIB version, from registry value

HKEY_LOCAL_MACHINE\SOFTWARE\XFS\MANAGEMENT_PROVIDERS*<ManagedServiceName>*\MibVersion.

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapDate (10)

This variable represents the UTC and bias for local translation of the date and time when the event was generated. It is a Display String field. The data is formatted in the following way: "DD/MM/YYYY HH:MM:SS +ZZZ" where DD/MM/YYYY HH:MM:SS is the local date and time. ZZZ is the bias, which is the difference, in minutes, between Co-ordinated Universal Time (UTC) and local time.

xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapSPVersion (11)

This variable represents the vendor-defined version of the service provider generating the alarm, it is a Display String field. The service provider is identified from the managed service name and the registry value

HKEY_LOCAL_MACHINE\SOFTWARE\XFS\MANAGEMENT_PROVIDERS*<ManagedServiceName>*\ServiceProvider.

The service provider name is then used to identify the version, from the registry value

HKEY_LOCAL_MACHINE\SOFTWARE\XFS\SERVICE_PROVIDERS*<ServiceProviderName>*\version.

xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfsSIUStatusDevice.xfsSIUStatusManagedServiceName(12)

This variable binding represents the current state of the physical device managed by the service. It is a 32 bit integer (INT32).

xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusNumberSubDevices.xfsSIUStatusManagedServiceName (13)

Defines how many sub-devices the service has. This is zero for this device class.

xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfsSIUStatusOperatorSwitchSensors.xfsSIUStatusManagedServiceName (14)

It contains the state of the operator switch sensor. It is a numeric type field.

xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfsSIUStatusTamperSensors.xfsSIUStatusManagedServiceName (15)

It contains the state of the tamper sensor. It is a numeric type field.

xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfsSIUStatusInternalTamperSensors.xfsSIUStatusManagedServiceName (16)

It contains the state of the internal tamper sensor. It is a numeric type field.

xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfsSIUStatusSeismicSensors.xfsSIUStatusManagedServiceName (17)

It contains the state of the seismic sensor. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfSIUStatusHeatSensors.xfsSIUStatusManagedServiceName (18)

It contains the state of the heat sensor. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfSIUStatusProximitySensors.xfsSIUStatusManagedServiceName (19)

It contains the state of the proximity sensor. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfSIUStatusAmbLightSensors.xfsSIUStatusManagedServiceName (20)

It contains the state of the ambient light sensor. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfSIUStatusEnhancedAudioSensors.xfsSIUStatusManagedServiceName (21)

It contains the state of the headphone connected to the Audio Jack. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfSIUStatusCabinetDoors.xfsSIUStatusManagedServiceName (22)

It contains the state of the cabinet doors. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfSIUStatusSafeDoors.xfsSIUStatusManagedServiceName (23)

It contains the state of the safe doors. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfSIUStatusVandalShieldDoors.xfsSIUStatusManagedServiceName (24)

It contains the state of the vandal shield. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfSIUStatusOpenCloseIndicators.xfsSIUStatusManagedServiceName (25)

It contains the state of the open/closed indicator. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfSIUStatusFasciaLightsIndicators.xfsSIUStatusManagedServiceName (26)

It contains the state of the fascia lights. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfSIUStatusAudioIndicators.xfsSIUStatusManagedServiceName (27)

It contains the state of the audio indicator. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfSIUStatusOpenHeatingIndicators.xfsSIUStatusManagedServiceName (28)

It contains the state of the internal heating. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfSIUStatusVolumeAux.xfsSIUStatusManagedServiceName (29)

It contains the state of the audio volume control. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfSIUStatusUPS Aux.xfsSIUStatusManagedServiceName (30)

It contains the state of the Uninterruptible Power Supply device. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfSIUStatusRemoteStatusMonitor Aux.xfsSIUStatusManagedServiceName (31)

It contains the state of the Remote Status Monitor device. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfSIUStatusAudibleAlarmAux.xfsSIUStatusManagedServiceName (32)

It contains the state of the Audible Alarm device. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfSIUStatusEnhancedAudioControlAux.xfsSIUStatusManagedServiceName (33)

It contains the state of the Audio Jack controller. It is a numeric type field.

xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.

xfSIUStatusCardUnitGuideLights.xfsSIUStatusManagedServiceName (34)

It contains the state of the Card unit (IDC) guidelight. It is a numeric type field.

`xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusPinPadGuideLights.xfsSIUStatusManagedServiceName` (35)

It contains the state of the Pin Pad unit guidelight. It is a numeric type field.

`xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusNoteDispenserGuideLights.xfsSIUStatusManagedServiceName` (36)

It contains the state of the Note Dispenser unit guidelight. It is a numeric type field.

`xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusCoinDispenserGuideLights.xfsSIUStatusManagedServiceName` (37)

It contains the state of the Coin Dispenser unit guidelight. It is a numeric type field.

`xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusReceiptPrinterGuideLights.xfsSIUStatusManagedServiceName` (38)

It contains the state of Receipt Printer unit guidelight. It is a numeric type field.

`xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusPassbookPrinterGuideLights.xfsSIUStatusManagedServiceName` (39)

It contains the state of the Passbook Printer unit guidelight. It is a numeric type field.

`xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusEnvDepositoryGuideLights.xfsSIUStatusManagedServiceName` (40)

It contains the state of the Envelope Depository unit guidelight. It is a numeric type field.

`xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusChequeUnitGuideLights.xfsSIUStatusManagedServiceName` (41)

It contains the state of the Cheque Processing unit guidelight. It is a numeric type field.

`xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusBillAcceptorGuideLights.xfsSIUStatusManagedServiceName` (42)

It contains the state of the Bill Acceptor unit guidelight. It is a numeric type field.

`xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusEnvDispenserGuideLights.xfsSIUStatusManagedServiceName` (43)

It contains the state of the Envelope Dispenser unit guidelight. It is a numeric type field.

`xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusDocumentPrinterGuideLights.xfsSIUStatusManagedServiceName` (44)

It contains the state of the Document Printer unit guidelight. It is a numeric type field.

`xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusCoinAcceptorGuideLights.xfsSIUStatusManagedServiceName` (45)

It contains the state of the Coin Acceptor unit guidelight. It is a numeric type field.

`xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusScannerGuideLights.xfsSIUStatusManagedServiceName` (46)

It contains the state of the Scanner unit guidelight. It is a numeric type field.

`xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusSpare1GuideLights.xfsSIUStatusManagedServiceName` (47)

It contains the state of the fourteenth Spare device guidelight. It is a numeric type field.

`xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusSpare2GuideLights.xfsSIUStatusManagedServiceName` (48)

It contains the state of the fifteenth Spare device guidelight. It is a numeric type field.

`xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusSpare3GuideLights.xfsSIUStatusManagedServiceName` (49)

It contains the state of the sixteenth Spare device guidelight. It is a numeric type field.

`xfsmIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusExtraStatus.xfsSIUStatusManagedServiceName` (50)

It contains the vendor dependent additional device status information as an OCTET STRING. The information is returned as a series of "key=value" strings. Each string is null-terminated, with the final string terminating with two null characters.

3.3.2 SIU Reset Device Complete: an example

As an example, the following variable binding list represents a Reset Device Complete trap (6, 308) generated as a result of a request to reset the device from the remote management station. The device in question has a managed service name "GuideLights1".

xfsMIBRoot.3.1.3.13	(xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapResetDeviceResult)
	0 (resetExecuted)
xfsMIBRoot.3.1.3.2	(xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapManagedServiceName)
	"GuideLights1"
xfsMIBRoot.3.1.3.3	(xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapManagedServiceClasses)
	8 (WFS_SERVICE_CLASS_SIU)
xfsMIBRoot.3.1.3.4	(xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapManagedServiceClassName)
	"SIU"
xfsMIBRoot.3.1.3.5	(xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapManagedServiceType)
	0x0011 (WFS_SIU_SENSORS WFS_SIU_GUIDLIGHTS)
xfsMIBRoot.3.1.3.6	(xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapManagedServiceOid)
	".1.3.6.1.4.1.16213.2.8"
xfsMIBRoot.3.1.3.7	(xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapPhysicalDeviceName)
	"Sensorlights"
xfsMIBRoot.3.1.3.8	(xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapDeviceVendor)
	"Bells and Lights Incorporated"
xfsMIBRoot.3.1.3.9	(xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapMIBVersion)
	"1.10"
xfsMIBRoot.3.1.3.11	(xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapDate)
	"20/03/2003 15:40:53 -300"
xfsMIBRoot.3.1.3.12	(xfsMIBRoot.xfsTrap.xfsTrapV1.xfsCommonTrapVars.xfsCommonTrapSPVersion)
	"1.23"
xfsMIBRoot.2.8.1.2.1.3.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusDevice.xfsSIUStatusManagedServiceName)
	1 (WFS_STAT_DEVONLINE)
xfsMIBRoot.2.8.1.2.1.2.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusNumberSubDevices.xfsSIUStatusManagedServiceName)
	0 (No sub device)
xfsMIBRoot.2.8.1.2.1.4.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusOperatorSwitchSensors.xfsSIUStatusManagedServiceName)
	2 (xfsSIUOperatorSwitchRun)
xfsMIBRoot.2.8.1.2.1.5.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusTamperSensors.xfsSIUStatusManagedServiceName)
	2 (xfsSIUSensorOff)
xfsMIBRoot.2.8.1.2.1.6.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusintTamperSensors.xfsSIUStatusManagedServiceName)

	2 (xfsSIUSensorOff)
xfsMIBRoot.2.8.1.2.1.7.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusSeismicSensors.xfsSIUStatusManagedServiceName)
	2 (xfsSIUSensorOff)
xfsMIBRoot.2.8.1.2.1.8.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusHeatSensors.xfsSIUStatusManagedServiceName)
	2 (xfsSIUSensorOff)
xfsMIBRoot.2.8.1.2.1.9.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusProximitySensors.xfsSIUStatusManagedServiceName)
	2 (xfsSIUProximityPresent)
xfsMIBRoot.2.8.1.2.1.10.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusAmbLightSensors.xfsSIUStatusManagedServiceName)
	1 (xfsSIUAmbLightNotAvailable)
xfsMIBRoot.2.8.1.2.1.11.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusEnhancedAudioSensors.xfsSIUStatusManagedServiceName)
	1 (xfsSIUEnhancedAudioNotAvailable)
xfsMIBRoot.2.8.1.2.1.12.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusCabinetDoors.xfsSIUStatusManagedServiceName)
	1 (xfsSIUDoorsNotAvailable)
xfsMIBRoot.2.8.1.2.1.13.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusSafeDoors.xfsSIUStatusManagedServiceName)
	1 (xfsSIUDoorsNotAvailable)
xfsMIBRoot.2.8.1.2.1.14.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusVandalShieldDoors.xfsSIUStatusManagedServiceName)
	1 (xfsSIUVandalShieldNotAvailable)
xfsMIBRoot.2.8.1.2.1.15.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusOpenCloseIndicators.xfsSIUStatusManagedServiceName)
	1 (xfsSIUOpenCloseIndicatorsNotAvailable)
xfsMIBRoot.2.8.1.2.1.16.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusFasciaLightIndicators.xfsSIUStatusManagedServiceName)
	1 (xfsSIUindicatorNotAvailable)
xfsMIBRoot.2.8.1.2.1.17.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusAudioIndicators.xfsSIUStatusManagedServiceName)
	1 (xfsSIUindicatorNotAvailable)
xfsMIBRoot.2.8.1.2.1.18.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusHeatingIndicators.xfsSIUStatusManagedServiceName)
	1 (xfsSIUindicatorNotAvailable)
xfsMIBRoot.2.8.1.2.1.19.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusVolumeAux.xfsSIUStatusManagedServiceName)
	0 (xfsSIUNotAvailable)
xfsMIBRoot.2.8.1.2.1.20.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusUPS Aux.xfsSIUStatusManagedServiceName)
	0 (xfsSIUNotAvailable)
xfsMIBRoot.2.8.1.2.1.21.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusRemoteStatusMonitorAux.xfsSIUStatusManagedServiceName)
	0 (xfsSIUNotAvailable)
xfsMIBRoot.2.8.1.2.1.22.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusAudibleAlarmAux.xfsSIUStatusManagedServiceName)

	1 (xfsSIUAuxiliaryNotAvailable)
xfsMIBRoot.2.8.1.2.1.23.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusEnhancedAudioControlAux.xfsSIUStatusManagedServiceName)
	1 (xfsSIUEnhancedAudioControlAuxNotAvailable)
xfsMIBRoot.2.8.1.2.1.24.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusCardUnitGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1.25.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusPinPadGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1.26.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusNotesDispenseGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1.27.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusCoinDispenserLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1.28.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusReceiptPrinterGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1.29.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusPassbookPrinterGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1.30.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusEnvDepositoryGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1.31.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusChequeUnitGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1.32.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusBillAcceptorGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1.33.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusEnvDispenserGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1.34.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusDocumentPrinterGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1.35.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusCoinAcceptorGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1.36.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusScannerGuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1.37.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusSpare1GuideLights.xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1.38.Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xfsSIUStatusSpare2GuideLights.xfsSIUStatusManagedServiceName)

	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1. 39 .Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusSpare3GuideLights .xfsSIUStatusManagedServiceName)
	2 (xfsSIUGuideLightsOff)
xfsMIBRoot.2.8.1.2.1. 100 .Index	(xfsMIBRoot.xfsManagedService.xfsSIU.xfsSIUV1.xfsSIUStatusTable.xfsSIUStatusEntry.xf sSIUStatusExtraStatus .xfsSIUStatusManagedServiceName)
	"\0"\0' (No extra data)

4. Appendix A - SIU MIB sub-tree

The following paragraph contains the definition of the XFS SIU MIB sub-tree in ASN-1 format.

4.1 SIU MIB in SMIv2 and SMIv1 format

The following object contains the xfsSIU.mib file in SMIv2 format.



SMIv2\xfsSIU.mib

The following object contains the xfsSIU.mib file in SMIv1 format.



SMIv1\xfsSIU.mib

The following text is the content of xfsSIU.mib in SMIv2 format.

```
--*****
-- XFS MIB for SIU
-- Management Information Base for XFS SIU Device
--
-- The SIU Number is 8
-- The ASN.1 prefix to, and including the IDC is: 1.3.6.1.4.1.16213.2.8
--
--*****
XFS-SIU-MIB DEFINITIONS ::= BEGIN
    IMPORTS
        Integer32, OBJECT-TYPE, OBJECT-IDENTITY, NOTIFICATION-TYPE
            FROM SNMPv2-SMI
        DisplayString
            FROM SNMPv2-TC
        xfsSIU, xfsTrap, IxfsMIBDeviceStatus
            FROM XFSMIB;

--
-- Type definitions
--

--*****
-- SIU #defines
--*****
IxfsSIUOperatorSwitchStatus ::= INTEGER
    {xfsSIUOperatorSwitchNotAvailable(1),
     xfsSIUOperatorSwitchRun(2),
     xfsSIUOperatorSwitchMaintenance(3),
     xfsSIUOperatorSwitchSupervisor(5)}

IxfsSIUSensorStatus ::= INTEGER
    {xfsSIUSensorNotAvailable(1),
     xfsSIUSensorOff(2),
     xfsSIUSensorOn(3)}

IxfsSIUProximityStatus ::= INTEGER
    {xfsSIUProximityNotAvailable(1),
     xfsSIUProximityPresent(2),
     xfsSIUProximityNotPresent(3)}

IxfsSIUAmbLightStatus ::= INTEGER
    {xfsSIUAmbLightNotAvailable(1),
     xfsSIUAmbLightVeryDark(2),
     xfsSIUAmbLightDark(3),
     xfsSIUAmbLightMediumLight(5),
     xfsSIUAmbLightLight(9),
     xfsSIUAmbLightVeryLight(17)}

IxfsSIUEnhancedAudioStatus ::= INTEGER
    {xfsSIUEnhancedAudioNotAvailable(1),
     xfsSIUEnhancedAudioPresent(2),
```

```

    xfsSIUEnhancedAudioNotPresent(3) }

IxfsSIUDoorsStatus ::= INTEGER
    {xfsSIUDoorsNotAvailable(1),
     xfsSIUDoorsClosed(2),
     xfsSIUDoorsOpen(3),
     xfsSIUDoorsLocked(5),
     xfsSIUDoorsBolted(9) }

IxfsSIUVandalShieldStatus ::= INTEGER
    {xfsSIUVandalShieldNotAvailable(1),
     xfsSIUVandalShieldClosed(2),
     xfsSIUVandalShieldOpen(3),
     xfsSIUVandalShieldLocked(5),
     xfsSIUVandalShieldService(17),
     xfsSIUVandalShieldKeyboard(33),
     xfsSIUVandalShieldAjar(65),
     xfsSIUVandalShieldJammed(129) }

IxfsSIUOpenCloseIndicatorsStatus ::= INTEGER
    {xfsSIUOpenCloseIndicatorsNotAvailable(1),
     xfsSIUOpenCloseIndicatorClosed(2),
     xfsSIUOpenCloseIndicatorOpen(3) }

IxfsSIUIndicatorsStatus ::= INTEGER
    {xfsSIUIndicatorNotAvailable(1),
     xfsSIUIndicatorOff(2),
     xfsSIUIndicatorOn(3) }

IxfsSIUAuxiliaryStatus ::= INTEGER
    {xfsSIUAuxiliaryNotAvailable(1),
     xfsSIUAuxiliaryOff(2),
     xfsSIUAuxiliaryOn(3) }

IxfsSIUEnhancedAudioControlAuxStatus ::= INTEGER
    {xfsSIUEnhancedAudioControlAuxNotAvailable(1),
     xfsSIUEnhancedAudioControlAuxPublicAudioManual(2),
     xfsSIUEnhancedAudioControlAuxPublicAudioAuto(3),
     xfsSIUEnhancedAudioControlAuxPublicAudioSemiAuto(5),
     xfsSIUEnhancedAudioControlAuxPrivateAudioManual(9),
     xfsSIUEnhancedAudioControlAuxPrivateAudioAuto(17),
     xfsSIUEnhancedAudioControlAuxPrivateAudioSemiAuto(33) }

IxfsSIUGuideLightsStatus ::= INTEGER
    {xfsSIUGuideLightsNotAvailable(1),
     xfsSIUGuideLightsOff(2),
     xfsSIUGuideLightsSlowFlash(5),
     xfsSIUGuideLightsMediumFlash(9),
     xfsSIUGuideLightsQuickFlash(17),
     xfsSIUGuideLightsContinuous(33) }

--
-- Node definitions
--
--*****
-- Version 1 of SIU MIB
--
-- The ASN.1 prefix to, and including the Version 1 of SIU is:
1.3.6.1.4.1.16213.2.8.1
--
--*****
xfsSIUV1 OBJECT IDENTIFIER ::= { xfsSIU 1}

xfsSIUInstances OBJECT-TYPE
    SYNTAX Integer32
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION "Number that represents the number of SIU managed services."
    ::= {xfsSIUV1 1}

--*****
-- SIU Device Status Table
--*****
xfsSIUStatusTable OBJECT-TYPE

```



```

SYNTAX SEQUENCE OF XfsSIUStatusEntry
MAX-ACCESS not-accessible
STATUS current
DESCRIPTION "Define the set of MIB Variables for the SIU status table."
 ::= {xfsSIUV1 2}

xfsSIUStatusEntry OBJECT-TYPE
SYNTAX XfsSIUStatusEntry
MAX-ACCESS not-accessible
STATUS current
DESCRIPTION "SIU Device Status Table Entry."
INDEX {xfsSIUStatusManagedServiceName}
 ::= {xfsSIUStatusTable 1}

XfsSIUStatusEntry ::= SEQUENCE {
  xfsSIUStatusManagedServiceName      DisplayString,
  xfsSIUStatusNumberSubDevices         Integer32, xfsSIUStatusDevice
  IxfsMIBDeviceStatus,
  xfsSIUStatusOperatorSwitchSensors   IxfsSIUOperatorSwitchStatus,
  xfsSIUStatusTamperSensors           IxfsSIUSensorStatus,
  xfsSIUStatusIntTamperSensors        IxfsSIUSensorStatus,
  xfsSIUStatusSeismicSensors          IxfsSIUSensorStatus,
  xfsSIUStatusHeatSensors             IxfsSIUSensorStatus,
  xfsSIUStatusProximitySensors        IxfsSIUProximityStatus,
  xfsSIUStatusAmbLightSensors         IxfsSIUAmbLightStatus,
  xfsSIUStatusEnhancedAudioSensors    IxfsSIUEnhancedAudioStatus,
  xfsSIUStatusCabinetDoors            IxfsSIUDoorsStatus,
  xfsSIUStatusSafeDoors               IxfsSIUDoorsStatus,
  xfsSIUStatusVandalShieldDoors       IxfsSIUVandalShieldStatus,
  xfsSIUStatusOpenCloseIndicators     IxfsSIUOpenCloseIndicatorsStatus,
  xfsSIUStatusFasciaLightIndicators   IxfsSIUIndicatorsStatus,
  xfsSIUStatusAudioIndicators         Integer32,
  xfsSIUStatusHeatingIndicators       IxfsSIUIndicatorsStatus,
  xfsSIUStatusVolumeAux               Integer32,
  xfsSIUStatusUPSAux                 Integer32,
  xfsSIUStatusRemoteStatusMonitorAux  Integer32,
  xfsSIUStatusAudibleAlarmAux         IxfsSIUAuxiliaryStatus,
  xfsSIUStatusEnhancedAudioControlAux IxfsSIUEnhancedAudioControlAuxStatus,
  xfsSIUStatusCardUnitGuideLights     IxfsSIUGuideLightsStatus,
  xfsSIUStatusPinpadGuideLights       IxfsSIUGuideLightsStatus,
  xfsSIUStatusNoteDispenserGuideLights IxfsSIUGuideLightsStatus,
  xfsSIUStatusCoinDispenserGuideLights IxfsSIUGuideLightsStatus,
  xfsSIUStatusReceiptPrinterGuideLights IxfsSIUGuideLightsStatus,
  xfsSIUStatusPassbookPrinterGuideLights IxfsSIUGuideLightsStatus,
  xfsSIUStatusEnvDepositoryGuideLights IxfsSIUGuideLightsStatus,
  xfsSIUStatusChequeUnitGuideLights   IxfsSIUGuideLightsStatus,
  xfsSIUStatusBillAcceptorGuideLights IxfsSIUGuideLightsStatus,
  xfsSIUStatusEnvDispenserGuideLights IxfsSIUGuideLightsStatus,
  xfsSIUStatusDocumentPrinterGuideLights IxfsSIUGuideLightsStatus,
  xfsSIUStatusCoinAcceptorGuideLights IxfsSIUGuideLightsStatus,
  xfsSIUStatusScannerGuideLights      IxfsSIUGuideLightsStatus,
  xfsSIUStatusSpare1GuideLights        IxfsSIUGuideLightsStatus,
  xfsSIUStatusSpare2GuideLights        IxfsSIUGuideLightsStatus,
  xfsSIUStatusSpare3GuideLights        IxfsSIUGuideLightsStatus,
  xfsSIUStatusExtraStatus              OCTET STRING }

xfsSIUStatusManagedServiceName OBJECT-TYPE
SYNTAX DisplayString
MAX-ACCESS read-only
STATUS current
DESCRIPTION "Instance identifier of the managed service."
 ::= {xfsSIUStatusEntry 1}

xfsSIUStatusNumberSubDevices OBJECT-TYPE
SYNTAX Integer32
MAX-ACCESS read-only
STATUS current
DESCRIPTION "Number of sub devices supported by the SIU device."
 ::= {xfsSIUStatusEntry 2}

xfsSIUStatusDevice OBJECT-TYPE
SYNTAX IxfsMIBDeviceStatus
MAX-ACCESS read-only
STATUS current
DESCRIPTION "Device status."

```

```

 ::= { xfsSIUStatusEntry 3 }

xfsSIUStatusOperatorSwitchSensors OBJECT-TYPE
SYNTAX IxfsSIUOperatorSwitchStatus
MAX-ACCESS read-only
STATUS current
DESCRIPTION "Operator Switch Status.
             xfsSIUOperatorSwitchNotAvailable(1),
             xfsSIUOperatorSwitchRun(2),
             xfsSIUOperatorSwitchMaintenance(3),
             xfsSIUOperatorSwitchSupervisor(5)."
```

```

 ::= {xfsSIUStatusEntry 4}

xfsSIUStatusTamperSensors OBJECT-TYPE
SYNTAX IxfsSIUSensorStatus
MAX-ACCESS read-only
STATUS current
DESCRIPTION "Tamper sensor status for the terminal.
             xfsSIUSensorNotAvailable(1),
             xfsSIUSensorOff(2),
             xfsSIUSensorOn(3)."
```

```

 ::= {xfsSIUStatusEntry 5}

xfsSIUStatusIntTamperSensors OBJECT-TYPE
SYNTAX IxfsSIUSensorStatus
MAX-ACCESS read-only
STATUS current
DESCRIPTION "Tamper sensor status for the internal alarm.
             xfsSIUSensorNotAvailable(1),
             xfsSIUSensorOff(2),
             xfsSIUSensorOn(3)."
```

```

 ::= {xfsSIUStatusEntry 6}

xfsSIUStatusSeismicSensors OBJECT-TYPE
SYNTAX IxfsSIUSensorStatus
MAX-ACCESS read-only
STATUS current
DESCRIPTION "Seismic Status.
             xfsSIUSensorNotAvailable(1),
             xfsSIUSensorOff(2),
             xfsSIUSensorOn(3)."
```

```

 ::= {xfsSIUStatusEntry 7}

xfsSIUStatusHeatSensors OBJECT-TYPE
SYNTAX IxfsSIUSensorStatus
MAX-ACCESS read-only
STATUS current
DESCRIPTION "Heat Status.
             xfsSIUSensorNotAvailable(1),
             xfsSIUSensorOff(2),
             xfsSIUSensorOn(3)."
```

```

 ::= {xfsSIUStatusEntry 8}

xfsSIUStatusProximitySensors OBJECT-TYPE
SYNTAX IxfsSIUProximityStatus
MAX-ACCESS read-only
STATUS current
DESCRIPTION "Proximity Status.
             xfsSIUProximityNotAvailable(1),
             xfsSIUProximityPresent(2),
             xfsSIUProximityNotPresent(3) "
```

```

 ::= {xfsSIUStatusEntry 9}

xfsSIUStatusAmbLightSensors OBJECT-TYPE
SYNTAX IxfsSIUAmbLightStatus
MAX-ACCESS read-only
STATUS current
DESCRIPTION "Ambient Light sensor status.
             xfsSIUAmbLightNotAvailable(1),
             xfsSIUAmbLightVeryDark(2),
             xfsSIUAmbLightDark(3),
             xfsSIUAmbLightMediumLight(5),
             xfsSIUAmbLightLight(9),
             xfsSIUAmbLightVeryLight(17)."
```

```

 ::= {xfsSIUStatusEntry 10}

```

```

xfsSIUStatusEnhancedAudioSensors OBJECT-TYPE
SYNTAX IxfsSIUEnhancedAudioStatus
MAX-ACCESS read-only
STATUS current
DESCRIPTION "Enhanced Audio Sensors.
             xfsSIUEnhancedAudioNotAvailable(1),
             xfsSIUEnhancedAudioPresent(2),
             xfsSIUEnhancedAudioNotPresent(3)."
 ::= {xfsSIUStatusEntry 11}

xfsSIUStatusCabinetDoors OBJECT-TYPE
SYNTAX IxfsSIUDoorsStatus
MAX-ACCESS read-only
STATUS current
DESCRIPTION "Cabinet doors status.
             xfsSIUDoorsNotAvailable(1),
             xfsSIUDoorsClosed(2),
             xfsSIUDoorsOpen(3),
             xfsSIUDoorsLocked(5),
             xfsSIUDoorsBolted(9)"
 ::= {xfsSIUStatusEntry 12}

xfsSIUStatusSafeDoors OBJECT-TYPE
SYNTAX IxfsSIUDoorsStatus
MAX-ACCESS read-only
STATUS current
DESCRIPTION "Safe doors status.
             xfsSIUDoorsNotAvailable(1),
             xfsSIUDoorsClosed(2),
             xfsSIUDoorsOpen(3),
             xfsSIUDoorsLocked(5),
             xfsSIUDoorsBolted(9)."
 ::= {xfsSIUStatusEntry 13}

xfsSIUStatusVandalShieldDoors OBJECT-TYPE
SYNTAX IxfsSIUVandalShieldStatus
MAX-ACCESS read-only
STATUS current
DESCRIPTION "Vandal shield doors status.
             xfsSIUVandalShieldNotAvailable(1),
             xfsSIUVandalShieldClosed(2),
             xfsSIUVandalShieldOpen(3),
             xfsSIUVandalShieldLocked(5),
             xfsSIUVandalShieldService(17),
             xfsSIUVandalShieldKeyboard(33),
             xfsSIUVandalShieldAjar(65),
             xfsSIUVandalShieldJammed(129)."
 ::= {xfsSIUStatusEntry 14}

xfsSIUStatusOpenCloseIndicators OBJECT-TYPE
SYNTAX IxfsSIUOpenCloseIndicatorsStatus
MAX-ACCESS read-only
STATUS current
DESCRIPTION "Open/Close indicator status.
             xfsSIUOpenCloseIndicatorsNotAvailable(1),
             xfsSIUOpenCloseIndicatorClosed(2),
             xfsSIUOpenCloseIndicatorOpen(3)."
 ::= {xfsSIUStatusEntry 15}

xfsSIUStatusFasciaLightIndicators OBJECT-TYPE
SYNTAX IxfsSIUIndicatorsStatus
MAX-ACCESS read-only
STATUS current
DESCRIPTION "Fascia Light indicator status.
             xfsSIUIndicatorNotAvailable(1),
             xfsSIUIndicatorOff(2),
             xfsSIUIndicatorOn(3)"
 ::= {xfsSIUStatusEntry 16}

xfsSIUStatusAudioIndicators OBJECT-TYPE
SYNTAX Integer32
MAX-ACCESS read-only
STATUS current

```

```

DESCRIPTION "Audio indicator status. Possible values or value range are defined
in CWA 14050-037"
 ::= {xfsSIUStatusEntry 17}

xfsSIUStatusHeatingIndicators OBJECT-TYPE
SYNTAX      IxfsSIUIndicatorsStatus
MAX-ACCESS  read-only
STATUS      current
DESCRIPTION "Heat indicator status.
             xfsSIUIndicatorNotAvailable(1),
             xfsSIUIndicatorOff(2),
             xfsSIUIndicatorOn(3)."
```

```

 ::= {xfsSIUStatusEntry 18}

xfsSIUStatusVolumeAux OBJECT-TYPE
SYNTAX      Integer32
MAX-ACCESS  read-only
STATUS      current
DESCRIPTION "Volume auxiliary status. Possible values or value range are defined
in CWA 14050-037"
 ::= {xfsSIUStatusEntry 19}

xfsSIUStatusUPS Aux OBJECT-TYPE
SYNTAX      Integer32
MAX-ACCESS  read-only
STATUS      current
DESCRIPTION "UPS auxiliary status. Possible values or value range are defined in
CWA 14050-037"
 ::= {xfsSIUStatusEntry 20}

xfsSIUStatusRemoteStatusMonitorAux OBJECT-TYPE
SYNTAX      Integer32
MAX-ACCESS  read-only
STATUS      current
DESCRIPTION "Remote monitor auxiliary status."
 ::= {xfsSIUStatusEntry 21}

xfsSIUStatusAudibleAlarmAux OBJECT-TYPE
SYNTAX      IxfsSIUAuxiliaryStatus
MAX-ACCESS  read-only
STATUS      current
DESCRIPTION "Audible alarm auxiliary status.
             xfsSIUAuxiliaryNotAvailable(1),
             xfsSIUAuxiliaryOff(2),
             xfsSIUAuxiliaryOn(3)."
```

```

 ::= {xfsSIUStatusEntry 22}

xfsSIUStatusEnhancedAudioControlAux OBJECT-TYPE
SYNTAX      IxfsSIUEnhancedAudioControlAuxStatus
MAX-ACCESS  read-only
STATUS      current
DESCRIPTION "Enhanced Audio Control Auxillary
             xfsSIUEnhancedAudioControlAuxNotAvailable(1),
             xfsSIUEnhancedAudioControlAuxPublicAudioManual(2),
             xfsSIUEnhancedAudioControlAuxPublicAudioAuto(3),
             xfsSIUEnhancedAudioControlAuxPublicAudioSemiAuto(5),
             xfsSIUEnhancedAudioControlAuxPrivateAudioManual(9),
             xfsSIUEnhancedAudioControlAuxPrivateAudioAuto(17),
             xfsSIUEnhancedAudioControlAuxPrivateAudioSemiAuto(33)."
```

```

 ::= {xfsSIUStatusEntry 23}

xfsSIUStatusCardUnitGuideLights OBJECT-TYPE
SYNTAX      IxfsSIUGuideLightsStatus
MAX-ACCESS  read-only
STATUS      current
DESCRIPTION "Card unit guidance Light status.
             xfsSIUGuideLightsNotAvailable(1),
             xfsSIUGuideLightsOff(2),
             xfsSIUGuideLightsSlowFlash(5),
             xfsSIUGuideLightsMediumFlash(9),
             xfsSIUGuideLightsQuickFlash(17),
             xfsSIUGuideLightsContinuous(33)."
```

```

 ::= {xfsSIUStatusEntry 24}

xfsSIUStatusPinpadGuideLights OBJECT-TYPE
```

```

SYNTAX    IxfsSIUGuideLightsStatus
MAX-ACCESS read-only
STATUS    current
DESCRIPTION "Pinpad guidance light status.
            xfsSIUGuideLightsNotAvailable(1),
            xfsSIUGuideLightsOff(2),
            xfsSIUGuideLightsSlowFlash(5),
            xfsSIUGuideLightsMediumFlash(9),
            xfsSIUGuideLightsQuickFlash(17),
            xfsSIUGuideLightsContinuous (33)."
 ::= {xfsSIUStatusEntry 25}

xfsSIUStatusNoteDispenserGuideLights OBJECT-TYPE
SYNTAX    IxfsSIUGuideLightsStatus
MAX-ACCESS read-only
STATUS    current
DESCRIPTION "Note dispenser guidance light status.
            xfsSIUGuideLightsNotAvailable(1),
            xfsSIUGuideLightsOff(2),
            xfsSIUGuideLightsSlowFlash(5),
            xfsSIUGuideLightsMediumFlash(9),
            xfsSIUGuideLightsQuickFlash(17),
            xfsSIUGuideLightsContinuous (33)."
 ::= {xfsSIUStatusEntry 26}

xfsSIUStatusCoinDispenserGuideLights OBJECT-TYPE
SYNTAX    IxfsSIUGuideLightsStatus
MAX-ACCESS read-only
STATUS    current
DESCRIPTION "Coin dispenser guidance light status.
            xfsSIUGuideLightsNotAvailable(1),
            xfsSIUGuideLightsOff(2),
            xfsSIUGuideLightsSlowFlash(5),
            xfsSIUGuideLightsMediumFlash(9),
            xfsSIUGuideLightsQuickFlash(17),
            xfsSIUGuideLightsContinuous (33)."
 ::= {xfsSIUStatusEntry 27}

xfsSIUStatusReceiptPrinterGuideLights OBJECT-TYPE
SYNTAX    IxfsSIUGuideLightsStatus
MAX-ACCESS read-only
STATUS    current
DESCRIPTION "Receipt printer guidance light status.
            xfsSIUGuideLightsNotAvailable(1),
            xfsSIUGuideLightsOff(2),
            xfsSIUGuideLightsSlowFlash(5),
            xfsSIUGuideLightsMediumFlash(9),
            xfsSIUGuideLightsQuickFlash(17),
            xfsSIUGuideLightsContinuous (33)."
 ::= {xfsSIUStatusEntry 28}

xfsSIUStatusPassbookPrinterGuideLights OBJECT-TYPE
SYNTAX    IxfsSIUGuideLightsStatus
MAX-ACCESS read-only
STATUS    current
DESCRIPTION "Passbook printer guidance light status.
            xfsSIUGuideLightsNotAvailable(1),
            xfsSIUGuideLightsOff(2),
            xfsSIUGuideLightsSlowFlash(5),
            xfsSIUGuideLightsMediumFlash(9),
            xfsSIUGuideLightsQuickFlash(17),
            xfsSIUGuideLightsContinuous (33)."
 ::= {xfsSIUStatusEntry 29}

xfsSIUStatusEnvDepositoryGuideLights OBJECT-TYPE
SYNTAX    IxfsSIUGuideLightsStatus
MAX-ACCESS read-only
STATUS    current
DESCRIPTION "Envelope depository guidance light status.
            xfsSIUGuideLightsNotAvailable(1),
            xfsSIUGuideLightsOff(2),
            xfsSIUGuideLightsSlowFlash(5),
            xfsSIUGuideLightsMediumFlash(9),
            xfsSIUGuideLightsQuickFlash(17),
            xfsSIUGuideLightsContinuous (33)."

```

```

 ::= {xfsSIUStatusEntry 30}

xfsSIUStatusChequeUnitGuideLights OBJECT-TYPE
SYNTAX      IxfsSIUGuideLightsStatus
MAX-ACCESS  read-only
STATUS      current
DESCRIPTION "Cheque unit guidance light status.
             xfsSIUGuideLightsNotAvailable(1),
             xfsSIUGuideLightsOff(2),
             xfsSIUGuideLightsSlowFlash(5),
             xfsSIUGuideLightsMediumFlash(9),
             xfsSIUGuideLightsQuickFlash(17),
             xfsSIUGuideLightsContinuous (33).\"
 ::= {xfsSIUStatusEntry 31}

xfsSIUStatusBillAcceptorGuideLights OBJECT-TYPE
SYNTAX      IxfsSIUGuideLightsStatus
MAX-ACCESS  read-only
STATUS      current
DESCRIPTION "Bill acceptor guidance light status.
             xfsSIUGuideLightsNotAvailable(1),
             xfsSIUGuideLightsOff(2),
             xfsSIUGuideLightsSlowFlash(5),
             xfsSIUGuideLightsMediumFlash(9),
             xfsSIUGuideLightsQuickFlash(17),
             xfsSIUGuideLightsContinuous (33).\"
 ::= {xfsSIUStatusEntry 32}

xfsSIUStatusEnvDispenserGuideLights OBJECT-TYPE
SYNTAX      IxfsSIUGuideLightsStatus
MAX-ACCESS  read-only
STATUS      current
DESCRIPTION "Envelope dispenser guidance light status.
             xfsSIUGuideLightsNotAvailable(1),
             xfsSIUGuideLightsOff(2),
             xfsSIUGuideLightsSlowFlash(5),
             xfsSIUGuideLightsMediumFlash(9),
             xfsSIUGuideLightsQuickFlash(17),
             xfsSIUGuideLightsContinuous (33).\"
 ::= {xfsSIUStatusEntry 33}

xfsSIUStatusDocumentPrinterGuideLights OBJECT-TYPE
SYNTAX      IxfsSIUGuideLightsStatus
MAX-ACCESS  read-only
STATUS      current
DESCRIPTION "Document printer guidance light status.
             xfsSIUGuideLightsNotAvailable(1),
             xfsSIUGuideLightsOff(2),
             xfsSIUGuideLightsSlowFlash(5),
             xfsSIUGuideLightsMediumFlash(9),
             xfsSIUGuideLightsQuickFlash(17),
             xfsSIUGuideLightsContinuous (33).\"
 ::= {xfsSIUStatusEntry 34}

xfsSIUStatusCoinAcceptorGuideLights OBJECT-TYPE
SYNTAX      IxfsSIUGuideLightsStatus
MAX-ACCESS  read-only
STATUS      current
DESCRIPTION "Coin acceptor guidance light status.
             xfsSIUGuideLightsNotAvailable(1),
             xfsSIUGuideLightsOff(2),
             xfsSIUGuideLightsSlowFlash(5),
             xfsSIUGuideLightsMediumFlash(9),
             xfsSIUGuideLightsQuickFlash(17),
             xfsSIUGuideLightsContinuous (33).\"
 ::= {xfsSIUStatusEntry 35}

xfsSIUStatusScannerGuideLights OBJECT-TYPE
SYNTAX      IxfsSIUGuideLightsStatus
MAX-ACCESS  read-only
STATUS      current
DESCRIPTION "Scanner guidance light status.
             xfsSIUGuideLightsNotAvailable(1),
             xfsSIUGuideLightsOff(2),
             xfsSIUGuideLightsSlowFlash(5),

```

```

        xfsSIUGuideLightsMediumFlash(9),
        xfsSIUGuideLightsQuickFlash(17),
        xfsSIUGuideLightsContinuous (33)."
 ::= {xfsSIUStatusEntry 36}

xfsSIUStatusSpare1GuideLights OBJECT-TYPE
SYNTAX  IxfsSIUGuideLightsStatus
MAX-ACCESS read-only
STATUS  current
DESCRIPTION  "Spare guide light.
        xfsSIUGuideLightsNotAvailable(1),
        xfsSIUGuideLightsOff(2),
        xfsSIUGuideLightsSlowFlash(5),
        xfsSIUGuideLightsMediumFlash(9),
        xfsSIUGuideLightsQuickFlash(17),
        xfsSIUGuideLightsContinuous (33)."
 ::= {xfsSIUStatusEntry 37}

xfsSIUStatusSpare2GuideLights OBJECT-TYPE
SYNTAX  IxfsSIUGuideLightsStatus
MAX-ACCESS read-only
STATUS  current
DESCRIPTION  "Spare guide light.
        xfsSIUGuideLightsNotAvailable(1),
        xfsSIUGuideLightsOff(2),
        xfsSIUGuideLightsSlowFlash(5),
        xfsSIUGuideLightsMediumFlash(9),
        xfsSIUGuideLightsQuickFlash(17),
        xfsSIUGuideLightsContinuous (33)."
 ::= {xfsSIUStatusEntry 38}

xfsSIUStatusSpare3GuideLights OBJECT-TYPE
SYNTAX  IxfsSIUGuideLightsStatus
MAX-ACCESS read-only
STATUS  current
DESCRIPTION  "Spare guide light.
        xfsSIUGuideLightsNotAvailable(1),
        xfsSIUGuideLightsOff(2),
        xfsSIUGuideLightsSlowFlash(5),
        xfsSIUGuideLightsMediumFlash(9),
        xfsSIUGuideLightsQuickFlash(17),
        xfsSIUGuideLightsContinuous (33)."
 ::= {xfsSIUStatusEntry 39}

xfsSIUStatusExtraStatus OBJECT-TYPE
SYNTAX  OCTET STRING
MAX-ACCESS read-only
STATUS  current
DESCRIPTION  "Vendor dependent additional device status information."
 ::= {xfsSIUStatusEntry 100}

--*****
-- SIU Sub Device Status Table
--
-- Note that the SIU device does not currently have sub-devices. The
-- sub-device table is not required for this device and is shown as an
-- example for those devices that do support sub-devices.
--
-- Note, to ensure consistency across all MIB extensions OID 16213.2.8.1.3
-- must be reserved for the sub-device table.
--*****

xfsSIUSubDeviceTable OBJECT-TYPE
SYNTAX  SEQUENCE OF XfsSIUSubDeviceEntry
MAX-ACCESS not-accessible
STATUS  current
DESCRIPTION  "Define the set of MIB Variables for the SIU status table."
 ::= {xfsSIUV1 3}

xfsSIUSubDeviceEntry OBJECT-TYPE
SYNTAX  XfsSIUSubDeviceEntry
MAX-ACCESS not-accessible
STATUS  current
DESCRIPTION  "SIU Sub-Device Status Table Entry."
INDEX  {xfsSIUSubDeviceManagedServiceName,
```

```

        xfsSIUSubDeviceIndex}
 ::= {xfsSIUSubDeviceTable 1}

xfsSIUSubDeviceEntry ::= SEQUENCE {
    xfsSIUSubDeviceManagedServiceName  DisplayString, --1
    xfsSIUSubDeviceIndex                INTEGER}      --2
-- As an example if you want to add values to the sub-device table, add
-- entries as shown in the example below.
-- xfsSIUSubDeviceValue                INTEGER }

xfsSIUSubDeviceManagedServiceName  OBJECT-TYPE
SYNTAX  DisplayString
MAX-ACCESS read-only
STATUS  current
DESCRIPTION "Instance identifier of the managed service."
 ::= {xfsSIUSubDeviceEntry 1}

xfsSIUSubDeviceIndex  OBJECT-TYPE
SYNTAX  INTEGER (1..65535)
MAX-ACCESS read-only
STATUS  current
DESCRIPTION "Index into the array of sub devices supported."
 ::= {xfsSIUSubDeviceEntry 2}

-- As an example if you want to add values to the sub-device table, add
-- entries as shown in the example below.
--xfsSIUSubDeviceValue  OBJECT-TYPE
-- SYNTAX  INTEGER
-- ACCESS  read-only
-- STATUS  mandatory
-- DESCRIPTION "Returns the value of the sub device referenced by the index."
-- ::= {xfsSIUSubDeviceEntry 3}

--*****
-- SIU Error Table
--*****

xfsSIUErrorTable  OBJECT-TYPE
SYNTAX SEQUENCE OF XfsSIUErrorEntry
MAX-ACCESS not-accessible
STATUS  current
DESCRIPTION "Define the set of MIB Variables for the SIU Error Table."
 ::= {xfsSIUV1 4}

xfsSIUErrorEntry  OBJECT-TYPE
SYNTAX  XfsSIUErrorEntry
MAX-ACCESS not-accessible
STATUS  current
DESCRIPTION "SIU Error Table Entry."
INDEX {xfsSIUErrorManagedServiceName,
      xfsSIUErrorCommandCode,
      xfsSIUErrorResponseCode}
 ::= {xfsSIUErrorTable 1}

XfsSIUErrorEntry ::= SEQUENCE {
    xfsSIUErrorManagedServiceName  DisplayString,
    xfsSIUErrorCommandCode          INTEGER,
    xfsSIUErrorResponseCode         INTEGER,
    xfsSIUErrorCount                Integer32 }

xfsSIUErrorManagedServiceName  OBJECT-TYPE
SYNTAX  DisplayString
MAX-ACCESS read-only
STATUS  current
DESCRIPTION "Instance identifier of the managed service."
 ::= {xfsSIUErrorEntry 1}

xfsSIUErrorCommandCode  OBJECT-TYPE
SYNTAX  INTEGER (801..900)
MAX-ACCESS read-only
STATUS  current
DESCRIPTION "The executable command code supported by the service
           provider associated with the error count of interest."

```



```

 ::= {xfsSIUErrorEntry 2}

xfsSIUErrorResponseCode OBJECT-TYPE
SYNTAX INTEGER (0..99 | 800..899)
MAX-ACCESS read-only
STATUS current
DESCRIPTION "The response code supported by service provider for the
             corresponding command code associated with the error count
             of interest."
 ::= {xfsSIUErrorEntry 3}

xfsSIUErrorCount OBJECT-TYPE
SYNTAX Integer32
MAX-ACCESS read-write
STATUS current
DESCRIPTION "The counter value corresponding to the managed service,
             command code and response code."
 ::= {xfsSIUErrorEntry 4}

--*****
-- SIU Reset Table
--*****

xfsSIUResetTable OBJECT-TYPE
SYNTAX SEQUENCE OF XfsSIUResetEntry
MAX-ACCESS not-accessible
STATUS current
DESCRIPTION "Defines the set of MIB Variables for the SIU Reset Table."
 ::= {xfsSIUV1 5}

xfsSIUResetEntry OBJECT-TYPE
SYNTAX XfsSIUResetEntry
MAX-ACCESS not-accessible
STATUS current
DESCRIPTION "SIU Reset Table Entry."
INDEX {xfsSIUResetManagedServiceName}
 ::= {xfsSIUResetTable 1}

XfsSIUResetEntry ::= SEQUENCE {
    xfsSIUResetManagedServiceName DisplayString,
    xfsSIUResetAll Integer32,
    xfsSIUResetTimestamp DisplayString}

xfsSIUResetManagedServiceName OBJECT-TYPE
SYNTAX DisplayString
MAX-ACCESS read-only
STATUS current
DESCRIPTION "Instance identifier of the managed service."
 ::= {xfsSIUResetEntry 1}

xfsSIUResetAll OBJECT-TYPE
SYNTAX Integer32
MAX-ACCESS read-write
STATUS current
DESCRIPTION "Returns all counter values for this managed service to
             zero when set to zero and returns zero when read."
 ::= {xfsSIUResetEntry 2}

xfsSIUResetTimestamp OBJECT-TYPE
SYNTAX DisplayString
MAX-ACCESS read-only
STATUS current
DESCRIPTION "Date and time the last reset of the counters was
             performed."
 ::= {xfsSIUResetEntry 3}

-- *****
-- SIU Reset Device Table
-- *****

xfsSIUResetDeviceTable OBJECT-TYPE
SYNTAX SEQUENCE OF XfsSIUResetDeviceEntry
MAX-ACCESS not-accessible
STATUS current

```

```

DESCRIPTION          "Define the set of MIB Variables for the SIU Reset Device
Table."
 ::= { xfsSIUV1 6 }

xfsSIUResetDeviceEntry OBJECT-TYPE
SYNTAX XfsSIUResetDeviceEntry
MAX-ACCESS not-accessible
STATUS current
DESCRIPTION          "SIU Reset Device Table Entry."
INDEX { xfsSIUResetDeviceManagedServiceName }
 ::= { xfsSIUResetDeviceTable 1 }

XfsSIUResetDeviceEntry ::=
SEQUENCE {
    xfsSIUResetDeviceManagedServiceName
        DisplayString,
    xfsSIUResetDeviceAction
        INTEGER,
    xfsSIUResetDeviceMediaControl
        INTEGER,
    xfsSIUResetDeviceStatus
        INTEGER
}

xfsSIUResetDeviceManagedServiceName OBJECT-TYPE
SYNTAX DisplayString
MAX-ACCESS read-only
STATUS current
DESCRIPTION          "Instance identifier of the managed service."
 ::= { xfsSIUResetDeviceEntry 1 }

xfsSIUResetDeviceAction OBJECT-TYPE
SYNTAX INTEGER { executeReset(1) }
MAX-ACCESS read-write
STATUS current
DESCRIPTION          "Variable that initiates the device reset"
 ::= { xfsSIUResetDeviceEntry 2 }

xfsSIUResetDeviceMediaControl OBJECT-TYPE
SYNTAX INTEGER
{
    mediaDefault(1)
}
MAX-ACCESS read-only
STATUS current
DESCRIPTION          "Variable that reports the media handling during the device reset"
 ::= { xfsSIUResetDeviceEntry 3 }

xfsSIUResetDeviceStatus OBJECT-TYPE
SYNTAX INTEGER
{
    resetIdle(1),
    resetInProgress(2)
}
MAX-ACCESS read-only
STATUS current
DESCRIPTION          "Variable that reports the progress of the device reset"
 ::= { xfsSIUResetDeviceEntry 4 }

xfsTrapV2 OBJECT-IDENTITY
STATUS current
DESCRIPTION          "Root node for the converted TRAP-TYPES."
 ::= { xfsTrap 0 }

```

```

-- *****
-- Trap definitions
-- *****

```

xfsSIUDetailedDSCTrap NOTIFICATION-TYPE

```

OBJECTS { xfsCommonTrapSysName, xfsCommonTrapManagedServiceName,
  xfsCommonTrapManagedServiceClass,
  xfsCommonTrapManagedServiceClassName,
  xfsCommonTrapManagedServiceType,
  xfsCommonTrapManagedServiceOid, xfsCommonTrapPhysicalDeviceName,
  xfsCommonTrapDeviceVendor, xfsCommonTrapMIBVersion,
  xfsCommonTrapEvent, xfsCommonTrapDate, xfsCommonTrapSPVersion,
  xfsSIUStatusDevice, xfsSIUStatusNumberSubDevices,
  xfsSIUStatusOperatorSwitchSensors, xfsSIUStatusTamperSensors,
  xfsSIUStatusIntTamperSensors, xfsSIUStatusSeismicSensors,
  xfsSIUStatusHeatSensors, xfsSIUStatusProximitySensors,
  xfsSIUStatusAmbLightSensors, xfsSIUStatusEnhancedAudioSensors,
  xfsSIUStatusCabinetDoors, xfsSIUStatusSafeDoors,
  xfsSIUStatusVandalShieldDoors, xfsSIUStatusOpenCloseIndicators,
  xfsSIUStatusFasciaLightIndicators, xfsSIUStatusAudioIndicators,
  xfsSIUStatusHeatingIndicators, xfsSIUStatusVolumeAux,
  xfsSIUStatusUPSAux, xfsSIUStatusRemoteStatusMonitorAux,
  xfsSIUStatusAudibleAlarmAux, xfsSIUStatusEnhancedAudioControlAux,
  xfsSIUStatusCardUnitGuideLights, xfsSIUStatusPinpadGuideLights,
  xfsSIUStatusNoteDispenserGuideLights,
  xfsSIUStatusCoinDispenserGuideLights,
  xfsSIUStatusReceiptPrinterGuideLights,
  xfsSIUStatusPassbookPrinterGuideLights,
  xfsSIUStatusEnvDepositoryGuideLights,
  xfsSIUStatusChequeUnitGuideLights,
  xfsSIUStatusBillAcceptorGuideLights,
  xfsSIUStatusEnvDispenserGuideLights,
  xfsSIUStatusDocumentPrinterGuideLights,
  xfsSIUStatusCoinAcceptorGuideLights,
  xfsSIUStatusScannerGuideLights, xfsSIUStatusSpare1GuideLights,
  xfsSIUStatusSpare2GuideLights, xfsSIUStatusSpare3GuideLights,
  xfsSIUStatusExtraStatus }

```

STATUS current

DESCRIPTION

"This trap indicates a change in the status of a managed service."

```
 ::= { xfsTrapV2 108 }
```

xfsSIUResetDeviceCompleteTrap NOTIFICATION-TYPE

```

OBJECTS { xfsCommonTrapResetDeviceResult, xfsCommonTrapManagedServiceName,
  xfsCommonTrapManagedServiceClass, xfsCommonTrapManagedServiceClassName,
  xfsCommonTrapManagedServiceType, xfsCommonTrapManagedServiceOid,
  xfsCommonTrapPhysicalDeviceName, xfsCommonTrapDeviceVendor,
  xfsCommonTrapMIBVersion, xfsCommonTrapDate,
  xfsCommonTrapSPVersion, xfsSIUStatusDevice,
  xfsSIUStatusNumberSubDevices,
  xfsSIUStatusOperatorSwitchSensors, xfsSIUStatusTamperSensors,
  xfsSIUStatusIntTamperSensors, xfsSIUStatusSeismicSensors,
  xfsSIUStatusHeatSensors, xfsSIUStatusProximitySensors,
  xfsSIUStatusAmbLightSensors, xfsSIUStatusEnhancedAudioSensors,
  xfsSIUStatusCabinetDoors, xfsSIUStatusSafeDoors,
  xfsSIUStatusVandalShieldDoors, xfsSIUStatusOpenCloseIndicators,
  xfsSIUStatusFasciaLightIndicators, xfsSIUStatusAudioIndicators,
  xfsSIUStatusHeatingIndicators, xfsSIUStatusVolumeAux,
  xfsSIUStatusUPSAux, xfsSIUStatusRemoteStatusMonitorAux,
  xfsSIUStatusAudibleAlarmAux, xfsSIUStatusEnhancedAudioControlAux,
  xfsSIUStatusCardUnitGuideLights, xfsSIUStatusPinpadGuideLights,
  xfsSIUStatusNoteDispenserGuideLights,
  xfsSIUStatusCoinDispenserGuideLights,
  xfsSIUStatusReceiptPrinterGuideLights,
  xfsSIUStatusPassbookPrinterGuideLights,
  xfsSIUStatusEnvDepositoryGuideLights, xfsSIUStatusChequeUnitGuideLights,
  xfsSIUStatusBillAcceptorGuideLights,
  xfsSIUStatusEnvDispenserGuideLights,
  xfsSIUStatusDocumentPrinterGuideLights,
  xfsSIUStatusCoinAcceptorGuideLights,
  xfsSIUStatusScannerGuideLights, xfsSIUStatusSpare1GuideLights,
  xfsSIUStatusSpare2GuideLights, xfsSIUStatusSpare3GuideLights,
  xfsSIUStatusExtraStatus
}

```

STATUS current

DESCRIPTION

"This trap indicates the Reset action has completed and reports the

```
state of the device after the reset."  
 ::= { xfsTrapV2 308 }
```

END

5. Appendix B - C-Header files

5.1 XFSMIBSIU.H



xfsmibsiu.h

```

/*****
*
* xfsmibsiu.h      WOSA/XFS - MIB SIU counters
*
*                  Version 1.00  --  Jan 24, 2004
*
*****/

#ifndef __inc_xfsmibsiu_h
#define __inc_xfsmibsiu_h

#ifdef __cplusplus
extern "C" {
#endif

enum IxfmsIUOperatorSwitchStatus
{
    xfsSIUOperatorSwitchNotAvailable =1,
    xfsSIUOperatorSwitchRun,
    xfsSIUOperatorSwitchMaintenance,
    xfsSIUOperatorSwitchSupervisor =5
} xfsSIUOperatorSwitchStatus;

enum IxfmsIUSensorStatus
{
    xfsSIUSensorNotAvailable =1,
    xfsSIUSensorOff,
    xfsSIUSensorOn
} xfsSIUSensorStatus;

enum IxfmsSIUProximityStatus
{
    xfsSIUProximityNotAvailable =1,
    xfsSIUProximityPresent,
    xfsSIUProximityNotPresent
} xfsSIUProximityStatus;

enum IxfmsSIUAmbLightStatus
{
    xfsSIUAmbLightNotAvailable=1,
    xfsSIUAmbLightVeryDark,
    xfsSIUAmbLightDark,
    xfsSIUAmbLightMediumLight =5,
    xfsSIUAmbLightLight =9,
    xfsSIUAmbLightVeryLight =17
} xfsSIUAmbLightStatus;

enum IxfmsSIUEnhancedAudioStatus
{
    xfsSIUEnhancedAudioNotAvailable =1,
    xfsSIUEnhancedAudioPresent,
    xfsSIUEnhancedAudioNotPresent
} xfsSIUEnhancedAudioStatus;

enum IxfmsSIUDoorsStatus
{
    xfsSIUDoorsNotAvailable =1,
    xfsSIUDoorsClosed,
    xfsSIUDoorsOpen,

```

```

    xfsSIUDoorsLocked      =5,
    xfsSIUDoorsBolted     =9
} xfsSIUDoorStatus;

enum IxfsSIUVandalShieldStatus
{
    xfsSIUVandalShieldNotAvailable =1,
    xfsSIUVandalShieldClosed,
    xfsSIUVandalShieldOpen,
    xfsSIUVandalShieldLocked      =5,
    xfsSIUVandalShieldService    =17,
    xfsSIUVandalShieldKeyboard   =33,
    xfsSIUVandalShieldAjar       =65,
    xfsSIUVandalShieldJammed     =129
} xfsSIUVandalShieldStatus;

enum IxfsSIUOpenCloseIndicatorsStatus
{
    xfsSIUOpenCloseIndicatorsNotAvailable =1,
    xfsSIUOpenCloseIndicatorClosed,
    xfsSIUOpenCloseIndicatorOpen
} xfsSIUOpenCloseIndicatorStatus;

enum IxfsSIUIndicatorsStatus
{
    xfsSIUIndicatorNotAvailable =1,
    xfsSIUIndicatorOff,
    xfsSIUIndicatorOn
} xfsSIUIndicatorStatus;

enum IxfsSIUAuxiliaryStatus
{
    xfsSIUAuxiliaryNotAvailable =1,
    xfsSIUAuxiliaryOff,
    xfsSIUAuxiliaryOn
} xfsSIUAuxiliaryStatus;

enum IxfsSIUEnhancedAudioControlAuxStatus
{
    xfsSIUEnhancedAudioControlAuxNotAvailable =1,
    xfsSIUEnhancedAudioControlAuxPublicAudioManual,
    xfsSIUEnhancedAudioControlAuxPublicAudioAuto,
    xfsSIUEnhancedAudioControlAuxPublicAudioSemiAuto =5,
    xfsSIUEnhancedAudioControlAuxPrivateAudioManual=9,
    xfsSIUEnhancedAudioControlAuxPrivateAudioAuto =17,
    xfsSIUEnhancedAudioControlAuxPrivateAudioSemiAuto =33
} xfsSIUEnhancedAudioControlAuxStatus;

enum IxfsSIUGuideLightsStatus
{
    xfsSIUGuideLightsNotAvailable =1,
    xfsSIUGuideLightsOff,
    xfsSIUGuideLightsSlowFlash =5,
    xfsSIUGuideLightsMediumFlash =9,
    xfsSIUGuideLightsQuickFlash =17,
    xfsSIUGuideLightsContinuous =33
} xfsSIUGuideLightStatus;

/*****
*
* MIB Variables for the Status Table
*
*****/
#define xfsSIUStatusManagedServiceName (1)
#define xfsSIUStatusNumberSubDevices (2)
#define xfsSIUStatusDevice (3)

#define xfsSIUStatusOperatorSwitchSensors (4)

```

```

#define xfsSIUStatusTamperSensors      (5)
#define xfsSIUStatusIntTamperSensors  (6)
#define xfsSIUStatusSeismicSensors    (7)
#define xfsSIUStatusHeatSensors       (8)
#define xfsSIUStatusProximitySensors  (9)
#define xfsSIUStatusAmblightSensors   (10)
#define xfsSIUStatusEnhancedAudioSensors (11)

#define xfsSIUStatusCabinetDoors      (12)
#define xfsSIUStatusSafeDoors        (13)
#define xfsSIUStatusVandalShieldDoors (14)

#define xfsSIUStatusOpenCloseIndicators (15)
#define xfsSIUStatusFasciaLightIndicators (16)
#define xfsSIUStatusAudioIndicators    (17)
#define xfsSIUStatusHeatingIndicators  (18)

#define xfsSIUStatusVolumeAux         (19)
#define xfsSIUStatusUPSAux            (20)
#define xfsSIUStatusRemoteStatusMonitorAux (21)
#define xfsSIUStatusAudibleAlarmAux   (22)
#define xfsSIUStatusEnhancedAudioControlAux (23)

#define xfsSIUStatusCardUnitGuideLights (24)
#define xfsSIUStatusPinpadGuideLights  (25)
#define xfsSIUStatusNoteDispenserGuideLights (26)
#define xfsSIUStatusCoinDispenserGuideLights (27)
#define xfsSIUStatusReceiptPrinterGuideLights (28)
#define xfsSIUStatusPassbookPrinterGuideLights (29)
#define xfsSIUStatusEnvDepositoryGuideLights (30)
#define xfsSIUStatusChequeUnitGuideLights (31)
#define xfsSIUStatusBillAcceptorGuideLights (32)
#define xfsSIUStatusEnvDispenserGuideLights (33)
#define xfsSIUStatusDocumentPrinterGuideLights (34)
#define xfsSIUStatusCoinAcceptorGuideLights (35)
#define xfsSIUStatusScannerGuideLights (36)
#define xfsSIUStatusSpare1GuideLights (37)
#define xfsSIUStatusSpare2GuideLights (38)
#define xfsSIUStatusSpare3GuideLights (39)

#define xfsSIUStatusExtraStatus        (100)

/*****
*
* MIB Variables for the Error Table
*
*****/
//Command codes and error codes correspond to the Service Provider definitions.

#ifdef __cplusplus
} /*extern "C"*/
#endif
#endif /* __inc_xfsmibsiu_h */

```