PacketCable™

RST E-UE Provisioning Specification

PKT-SP-RST-EUE-PROV-C01-140314

CLOSED

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Key to Document Status Codes

Work in Progress	An incomplete document, designed to guide discussion and generate feedback that may include several alternative requirements for consideration.
Draft	A document in specification format considered largely complete, but lacking review by Members and vendors. Drafts are susceptible to substantial change during the review process.
Issued	A stable document, which has undergone rigorous member and vendor review and is suitable for product design and development, cross-vendor interoperability, and for certification testing.
Closed	A static document, reviewed, tested, validated, and closed to further engineering change requests to the specification through CableLabs.

Trademarks

Contents

Figures

Tables

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1 SCOPE

1.1 Introduction and Purpose

This document specifies how the PacketCable E-UE Provisioning Framework can be used to configure and manage Embedded 2.0 UEs (E-UEs) supporting the PacketCable Residential SIP Telephony (RST) application.

The PacketCable architecture provides a generic Provisioning Framework for E-UEs, but requires PacketCable application efforts such as RST to specify application-specific requirements and data models. This document specifies such requirements and the data model for the PacketCable RST application. It also specifies the requirements and a data model for E-DVAs, a specific E-UE type specified by PacketCable.

1.2 Document Overview

The document is structured as follows:

- Section 2 – References.
- Section 3 – Terms and Definitions.
- Section 4 – Abbreviations.
- Section 5 – Informative section providing a general overview of RST E-UE Provisioning.
- Section 6 – Normative section providing the RST E-UE Provisioning requirements.
- Annex A – RST E-UE Provisioning Data Model (normative).
- Annex B – RST E-DVA Provisioning Data Model (normative).

1.3 Requirements

Throughout this document, the words that are used to define the significance of particular requirements are capitalized. These words are:

"MUST"	This word means that the item is an absolute requirement of this specification.
"MUST NOT"	This phrase means that the item is an absolute prohibition of this specification.
"SHOULD"	This word means that there may exist valid reasons in particular circumstances to ignore this item, but the full implications should be understood and the case carefully weighed before choosing a different course.
"SHOULD NOT"	This phrase means that there may exist valid reasons in particular circumstances when the listed behavior is acceptable or even useful, but the full implications should be understood and the case carefully weighed before implementing any behavior described with this label.
"MAY"	This word means that this item is truly optional. One vendor may choose to include the item because a particular marketplace requires it or because it enhances the product, for example; another vendor may omit the same item.

2 REFERENCES

2.1 Normative References

In order to claim compliance with this specification, it is necessary to conform to the following standards and other works as indicated, in addition to the other requirements of this specification. Notwithstanding, intellectual property rights may be required to use or implement such normative references.

[E-DVA]	PacketCable Residential SIP Telephony E-DVA Specification, PKT-SP-RST-E-DVA-C01-140314, March 14, 2014, Cable Television Laboratories, Inc.
[EUE-DATA]	PacketCable E-UE Provisioning Data Models Specification, PKT-SP-EUE-DATA-C01-140314, March 14, 2014, Cable Television Laboratories, Inc.
[EUE-PROV]	PacketCable E-UE Provisioning Specification, PKT-SP-EUE-PROV-C01-140314, March 14, 2014, Cable Television Laboratories, Inc.
[PKT-24.229]	PacketCable SIP and SDP Stage 3 Specification 3GPP TS 24.229, PKT-SP-24.229-C01-140314, March 14, 2014, Cable Television Laboratories, Inc.
[PKT-PROV1.5]	PacketCable 1.5 Specification, MTA Device Provisioning, PKT-SP-PROV1.5-I04-090624, June 24, 2009, Cable Television Laboratories, Inc.
[RSTF]	PacketCable Residential SIP Telephony Feature Specification, PKT-SP-RSTF-C01-140314, March 14, 2014, Cable Television Laboratories, Inc.
[RFC 2863]	IETF RFC 2863, The Interfaces Group MIB, June 2000.

2.2 Informative References

This specification uses the following informative reference.

[ARCH-FRM]	PacketCable Architecture Framework Technical Report, PKT-TR-ARCH-FRM-C01-140314, March 14, 2014, Cable Television Laboratories, Inc.

2.3 Reference Acquisition

- Cable Television Laboratories, Inc., 858 Coal Creek Circle, Louisville, CO 80027;
  Phone +1-303-661-9100; Fax +1-303-661-9199; http://www.cablelabs.com.
- Internet Engineering Task Force (IETF) Secretariat, 48377 Fremont Blvd., Suite 117, Fremont, California 94538, USA, Phone: +1-510-492-4080, Fax: +1-510-492-4001, http://www.ietf.org.

3 TERMS AND DEFINITIONS

This specification uses the following terms:

Cable Modem	A DOCSIS-compliant devise which provides data transport connectivity from RFI to IP networks.
Configuration	Configuration is the process of defining and propagating data to network elements for providing services.
Data Model	An abstract model that describes representation of data in a system.
eCM	The logical DOCSIS CM component of a E-UE, complies with DOCSIS, eDOCSIS and PacketCable requirements.
Embedded User Equipment	Contains the interface to a physical voice device, a network interface, CODECs, and all signaling and encapsulation functions required for VoIP transport, class features signaling, and QoS signaling.
eUE	The logical PacketCable UE component of an E-UE, complies with eSAFE and PacketCable requirements.
E-UE	Embedded User Equipment. A single physical device embedded with an eDOCSIS-compliant DOCSIS Cable Modem and a PacketCable eUE.
Management	Management refers to the protocols, methodologies and interfaces that enable oversight services in a Service Provider Network.
Management Information Base	The description of the data items used by the Network Management for management and configuration of the PacketCable compliant E-UE. Such description is done based on the formal meta-language SMI defined by the corresponding IETF standards.
Network Management	The functions related to the management of data across the network.
Provisioning	Provisioning refers to the processes involved in the initialization of user attributes and resources to provide services to a User. This involves protocols, methodologies, and interfaces to network elements such as: Order Entry and Workflow Systems that carry out business processes, Operational Support Elements that handle network resources, Application Servers that offer services and Use Equipment that offer services.
Request for Comments	Request for Comments. Technical policy documents approved by the IETF, which are available on the World Wide Web at http://www.ietf.cnri.reston.va.us/rfc.html.

4 ABBREVIATIONS AND ACRONYMS

This specification uses the following abbreviations:

CM	Cable Modem.
DOCSIS®	Data-Over-Cable Service Interface Specifications
E-DVA	Embedded Digital Voice Adaptor
MIB	Management Information Base
RFC	Request for Comments
RFI	Radio Frequency Interface
RST	Residential SIP Telephony
SNMP	Simple Network Management Protocol

5 OVERVIEW

PacketCable is a CableLabs specification effort designed to support the convergence of voice, video, data, and mobility technologies. The PacketCable architecture describes a set of functional groups and logical entities, as well as a set of interfaces that support the information flows exchanged between entities. For more information about PacketCable, please refer to the PacketCable Architecture Framework Technical Report [ARCH-FRM].

As part of these efforts, PacketCable specifies applications built upon the PacketCable architecture. One such application is RST. This document describes the configuration and management requirements applicable to Embedded User Equipment (E-UE) supporting the RST application. Within the context of this document, any reference to an E-UE (or eUE) needs to be interpreted as an E-UE (or eUE) that supports the RST application, sometimes referred to as an RST E-UE. For more information on the RST application, please refer to [RSTF].

Specifically, this document covers the following areas:

- Configuration and Management requirements for E-UEs supporting RST, including E-DVA specific requirements,
- The RST Application Data Model,
- The E-DVA Data Model for Configuration and Management.

5.1 Residential SIP Telephony

The PacketCable RST Feature specification documents an implementation of common residential telephony features in a PacketCable network, including, but not limited to: called ID, call forwarding, hold, transfer, three-way calling, emergency calling, and operator service. For more information, please refer to [RSTF].

5.2 E-UE Provisioning Framework

The PacketCable E-UE Provisioning Framework Specification [EUE-PROV], together with the E-UE Provisioning Data Models Specification [EUE-DATA], documents interfaces, protocols, and data models to support configuration and management of E-UEs in a PacketCable network. Those documents require PacketCable application specifications, such as RST, to utilize these interfaces and extend the data models as required to support the specified features.

5.3 RST E-UE

The E-UE, by definition, is an embedded PacketCable device, as specified in [EUE-PROV]. The RST E-UE is an E-UE that supports the PacketCable RST application. RST E-UEs require RST specific data to be configured and have additional requirements, as specified in this document.

6 PACKETCABLE RST E-UE ARCHITECTURE AND REQUIREMENTS

This section presents the normative requirements for RST E-UE Provisioning, using the PacketCable E-UE Provisioning Framework. It includes references to the framework and any necessary enhancements to support the RST application. For more information on PacketCable E-UE Provisioning Framework please refer to [EUE-PROV].

The E-UE consists of two components: the eCM and the eUE. For more information on the eCM configuration and management requirements for PacketCable, please refer to [EUE-PROV]. The eUE Provisioning Framework Architecture, based on the Provisioning Framework, is specified in Section 6.1. The component requirements and other enhancements are listed in the following sub-sections.

6.1 eUE Provisioning Framework Architecture

Figure 1 represents the network components and interfaces that form the eUE Provisioning Framework, the basis for RST eUE provisioning.

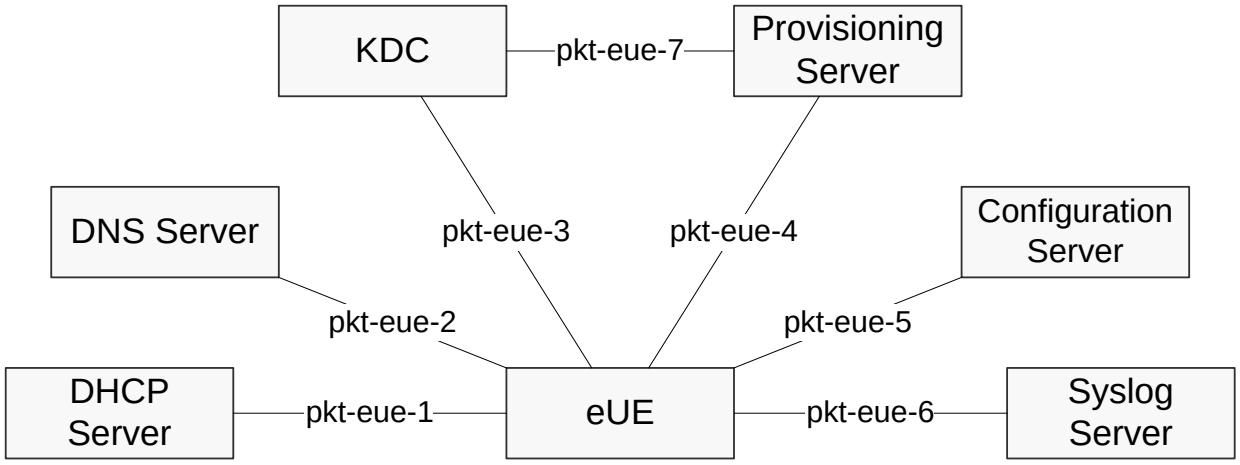

Figure 1 - E-UE Provisioning Components and Interfaces

6.2 RST E-UE Provisioning Components

This section details the network components that utilize the interfaces specified in Section 6.1, and the associated requirements. It also summarizes the additional requirements required by this framework for the DOCSIS elements to support the framework specified by this document.

6.2.1 RST E-UE

The RST E-UE MUST comply with all the E-UE requirements specified in [EUE-PROV].

6.2.1.1 eCM

An eCM embedded within the RST E-UE MUST comply with all the eCM requirements specified in [EUE-PROV] and any additional requirements specified in this document, such as impact analysis reporting.

6.2.1.2 eUE

For an eUE embedded within the RST E-UE, the following requirements apply:

- The eUE MUST support all the RST Feature requirements described in [RSTF].
- The eUE MUST adhere to all requirements described in [EUE-PROV].
- The eUE MUST comply with the requirements of the E-UE Provisioning Data Models Specification [EUE-DATA], and the RST data model specified in this document.

6.2.2 E-DVA Requirements

An Embedded Digital Voice Adapter (E-DVA) is an RST E-UE that conforms to the requirements specified in [E-DVA]. The following requirements apply:

- An E-DVA MUST comply with all the RST E-UE provisioning requirements specified in this document, and additional requirements specified in this document.
- An E-DVA MUST comply with the E-DVA data model specified in Annex B.

6.2.2.1 Interfaces Group MIB "ifTable" Requirements

The Interfaces Group MIB (IF-MIB) is defined in [RFC 2863] and required by [EUE-DATA]. The following E-DVA requirements apply:

- An E-DVA's ifTable MUST contain information about all of its endpoints.
- The E-DVA MUST start the endpoint numbering with a ifIndex value of 9, be incremented sequentially, and match the physical numbering of the telephony endpoints (indices 2 through 8 are reserved for future use and the usage of index 1 is described below).
- Each instance of the endpoint in an E-DVA MUST have a corresponding entry ("conceptual row") in the "ifTable" MIB Table.

Further, the E-DVA MUST use the following conceptual columns for each "conceptual row" in the "ifTable":

- "ifIndex"
- "ifDescr"
- "ifType"
- "ifAdminStatus"
- "ifOperStatus"

The E-DVA MUST also ensure that each conceptual row in "ifTable" that corresponds to a telephony endpoint conforms to the "IANAifType-MIB" definition for the PacketCable interface type, as follows:

- "ifType" – voiceOverCable (198)
- "ifDescr" – "Voice Over Cable Interface"

An ifIndex value of 1 is used to recognize the eCM which the E-DVA is logically connected. Refer to [EUE-DATA] for more information.

6.2.2.2 Mapping of Users to Endpoints

PacketCable allows for the configuration of MPUs on E-UEs. This is accomplished via the E-UE User MIB, specifically the MIB table 'pktcEUEUsrIMPUTable'. For more information regarding 'pktcEUEUsrIMPUTable' refer to [EUE-DATA]. For an E-DVA, additional information is required to specify the association of an IMPU with one or more endpoints if the E-DVA is configured with RST features. This information would allow an E-DVA to determine the endpoints that are affected when it receives an inbound request for a specific IMPU, or the IMPU to use when the end-user invokes RST features from an E-DVA endpoint.

The indicated additional information is provided using specific keyword-value pairs within the MIB Object titled 'pktcEUEUsrIMPUAdditionalInfo'. This MIB object is part of the MIB table 'pktcEUEUsrIMPUTable'. For the configuration of an E-DVA, the following keyword-values pairs are specified:

- IEP#:<comma-separated list of endpoints>
- OEP#:<comma-separated list of endpoints>

The keyword IEP (shortened form representing "Inbound EndPoints") indicates that an inbound request for the IMPU (for which the additional information is being provided) is to apply to one or more of the endpoints listed in the associated value. The keyword OEP (shortened form representing "Outbound EndPoints") indicates that when any of the endpoints listed in the value are used to initiate RST features (e.g., dialog-initiating requests) then the applicable IMPU (for which the additional information is being provided) is to be used.

As an example, consider an E-DVA associated with two IMPUs, sip:user1@example.com and sip:user2@example.com, with the following (partial) configuration:

- Value of the MIB object pktcEUEUsrIMPUAdditionalInfo for sip:user 1@example.com is IEP#9,10;OEP#9
- Value of the MIB object pktcEUEUsrIMPUAdditionalInfo for sip:user 2@example.com is IEP#10;OEP#10

The E-DVA interprets this as follows:

- Any inbound message for the IMPU sip:user1@example.com will apply to endpoints 9 and 10
- Any inbound message for the IMPU sip:user2@example.com will apply to endpoint 10
- Any outbound requests from endpoint 9 will use the IMPU sip:user1@example.com
- Any outbound requests from endpoint 10 will use the IMPU sip:user2@example.com

If one or more endpoints on an E-DVA are associated with RST features, the E-DVA needs to be configured with one or more IMPUs using the keyword-value pairs indicated in this section. If an endpoint is not associated with any IMPUs, then the E-DVA MUST NOT enable RST features on that endpoint. If an endpoint is associated with one or more IMPUs, then the E-DVA MUST support the enabled RST features on that endpoint.

If there are multiple outbound IMPUs indicated for an endpoint, then the E-DVA MUST consider the first occurrence (lowest index in the MIB table 'pktcEUEUsrIMPUTable') as the outbound IMPU and report the additional IMPUs as part of the warnings pertaining to eUE configuration.

As an example, consider an E-DVA associated with two IMPUs, sip:user1@example.com and sip:user2@example.com, with the following (partial) configuration:

- Value of the MIB object pktcEUEUsrIMPUAdditionalInfo for sip:user 1@example.com is IEP#9,10;OEP#9
- Value of the MIB object pktcEUEUsrIMPUAdditionalInfo for sip:user 2@example.com is IEP#10;OEP#9

Assuming that sip:user1@example.com has a lower index value within the MIB table 'pktcEUEUsrIMPUTable', the E-DVA interprets this as follows:

- Any inbound message for the IMPU sip:user1@example.com will apply to endpoints 9 and 10
- Any inbound message for the IMPU sip:user2@example.com will apply to endpoint 10
- Any outbound requests from endpoint 9 will use the IMPU sip:user1@example.com

6.2.3 Other Network Components

The following network components MUST comply with the requirements specified in [EUE-PROV]:

- DHCP Server
- DNS Server
- KDC
- Provisioning Server
- Configuration Server
- Syslog Server

In addition, the Configuration Server MUST allow for the Data Models specified in this document to RST and E-DVAs to support RST E-UEs and E-DVAs, respectively. The Syslog Server MUST support any RST specific management events specified in this document.

6.3 RST E-UE Provisioning Flows, Configuration and Management

Apart from the additional data models, this document does not enhance the E-UE requirements related to provisioning flows, configuration, and management, as specified in [EUE-PROV].

6.4 RST Data Models

This document specifies two data models, the RST Data Model in Annex A, and the E-DVA Data Model in Annex B. Further, the RST Data Model provides an RST Profile Table, as required by [EUE-DATA].

6.4.1 Operator Specific Features

The [RSTF] specification defines a reserved area for operator specific features IDs.

As defined in [RSTF] the operator feature identifier space provides flexibility to enable custom Digit Map enforcement. The EUE MUST treat a Feature ID values in the range 100 to 200 as Operator Specific Features [RSTF].

As with other RST features, this capability is configured by creating an instance in the pktcEUERSTAppProfileToFeatTable. Table 1 provides an example for operator feature configurations of the pktcEUERSTAppProfileToFeatTable.

Table 1 - Operator Specific Features Data Configuration in pktcEUERSTAppProfileToFeatTable

MIB Object	Value	Observations
pktcEUERSTAppProfileIndex	n	The index associated with an application profile
pktcEUERSTAppFeatIndex	n	The index of the feature instance for this application profile

MIB Object	Value	Observations
pktcEUERSTAppFeatID	ID value	A value in the range 100 to 200
pktcEUERSTAppFeatIndexRef	0	Value zero indicates no linkage with a feature extended configuration table. Operator specific features might define their own extensions outside this specification.
pktcEUERSTAppAdminStat	'active','inactive'	The operator desired operational state of the custom feature
pktcEUERSTAppAdminStatInfo	any text	Per object definition
pktcEUERSTAppOperStat	'active', 'inactive'	Per object definition
pktcEUERSTAppOperStatInfo	zero-length or any text	Not used or vendor specific.
pktcEUERSTAppStatus	RowStatus	Per object definition

6.5 RST E-UE Additional Features

6.5.1 eDOCSIS Impact Analysis Reporting

The E-UE Provisioning Framework [EUE-PROV] requires PacketCable applications to specify the impact levels and reporting requirements. For PacketCable RST, this is specified in this section.

An application supported on an endpoint is considered impacted when an endpoint is 'active'. An RST eUE MUST consider an endpoint to be 'active' if any of the following conditions are met:

- The endpoint is off-hook,
- The endpoint is initiating or terminating telephony sessions only (e.g., SIP subscriptions for call features is not considered a telephony session).

Further, the following requirements apply:

- The eCM MUST report an impact level of 'significant' for the eUE when any of the UE's endpoints are 'active.'
- The eCM MUST report an impact level of 'none' for the eUE when none of the UE's endpoints are 'active.'

6.5.2 Incremental Provisioning

The RST E-UE MUST support post-initialization incremental provisioning as specified in [EUE-PROV], including changes to User status and application feature activation status.

6.5.3 User Registration and Configuration

The eUE MUST register every active User provided via configuration, if associated with the RST application. This is required to support RST features. Refer to [PKT-24.229] for more information about registration. For more information about User configuration and activation, please refer to [EUE-DATA]. If the IMPI related information is modified, the eUE MUST follow any applicable procedures specified in [PKT-24.229].

Additionally, for each registered User, the RST eUE MUST apply RST application settings as provided via configuration, or default values.

RST Dynamic Feature Data is not specified within this document. Please refer to [RSTF] for more information.

6.5.4 RST eUE Capabilities

In addition to the capabilities reporting via DHCP that is specified in [EUE-PROV] the RST eUE MUST report the following RST related capabilities, per [PKT-PROV1.5], along with any indicated enhancements:

- TLV 5.11 – Supported CODECs, with the following codec additions:

  16: AMR

  17: SMV

  18: EVRC

  19: G.722

  20: BV32

  21: AMR-WB

  22: VMR-WB
- TLV 5.12 – Silence Suppression Support
- TLV 5.13 – Echo Cancellation Support
- TLV 5.19 – T38 Version Support
- TLV 5.20 – T38 Error Correction Support
- TLV 5.25 – V.152 Support

Annex A PacketCable RST Configuration Modules

A.1 E-UE RST MIB

```
CL-PKTC-EUE-RST-MIB DEFINITIONS ::= BEGIN

IMPORTS
    MODULE-IDENTITY,
    OBJECT-TYPE,
    Unsigned32,
    Integer32
                        FROM SNMPv2-SMI
    OBJECT-GROUP,
    MODULE-COMPLIANCE
                        FROM SNMPv2-CONF
    SnmpAdminString
                        FROM SNMP-FRAMEWORK-MIB

    TEXTUAL-CONVENTION,
    TruthValue,
    RowStatus
                        FROM SNMPv2-TC
    Uri
                        FROM URI-TC-MIB
    pktcApplicationMibs
                        FROM CLAB-DEF-MIB
    PktcEUETCAdminStatus,
    PktcEUETCOperStatus,
    PktcEUETCStatusInfo,
    PktcEUETCUsrAppIndexType
                        FROM CL-PKTC-EUE-TC-MIB
    pktcEUEDevOpIndex
                        FROM CL-PKTC-EUE-DEV-MIB;


pktcEUERSTMIB MODULE-IDENTITY
    LAST-UPDATED "201210300000Z" -- October 30, 2012
    ORGANIZATION "Cable Television Laboratories, Inc."
    CONTACT-INFO
            "Broadband Network Services
             Cable Television Laboratories, Inc.
             858 Coal Creek Circle,
             Louisville, CO 80027, USA
             Phone: +1 303-661-9100
             Email: mibs@cablelabs.com

             Acknowledgements:
             Thomas Clack, Broadcom - Primary author
             Satish Kumar, Texas Instruments,
             Eugene Nechamkin, Broadcom
             Sumanth Channabasappa, CableLabs
             John Berg, CableLabs
             Eduardo Cardona, CableLabs
             and members of the PacketCable 2.0 Provisioning Focus Team."
    DESCRIPTION
            "This MIB module contains configuration MIB
             objects for supporting RST Features specified in
             the PacketCable RST specification."
    REVISION "201210300000Z"
    DESCRIPTION
            "Revised Version includes ECN RST-EUE-PROV-N-12.0687-1
             and published as part of RST-EUE-PROV-I08-121030"
    REVISION "201204120000Z" -- April 12, 2012
    DESCRIPTION
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            "Revised Version includes ECN RST-EUE-PROV-N-12.0675-2
             and published as part of RST-EUE-PROV-I07-120412"
    REVISION "201101040000Z" -- Jan 4, 2011
    DESCRIPTION
            "Revised Version includes ECN RST-EUE-PROV-N-10.0653-4
             and published as part of RST-EUE-PROV-I06-110127"
    REVISION "201004260000Z" -- April 26, 2010
    DESCRIPTION
            "Revised Version includes ECN RST-EUE-PROV-N-10.0630-3
             and published as part of RST-EUE-PROV-I05-100527"
    REVISION "200912140000Z" -- December 14, 2009
    DESCRIPTION
            "Revised Version includes ECN RST-EUE-PROV-N-09.0608-4
             and published as part of RST-EUE-PROV-I04-100120"
    REVISION "200905280000Z" -- May 28, 2009
    DESCRIPTION
            "Revised Version includes ECNs
             RST-EUE-PROV-N-08.0529-5
             RST-EUE-PROV-N-09.0558-3
            and published as part of RST-EUE-PROV-I03-090528"
     REVISION "200807100000Z" -- July 10, 2008
     DESCRIPTION
             "Revised Version includes ECN RST-EUE-PROV-N-08.0525-5
             and published as PKT-SP-RST-EUE-PROV-I02-080710"
     REVISION "200711060000Z" -- Nov 6, 2007
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             PKT-SP-RST-EUE-PROV-I01-071106
             Copyright 2007 Cable Television Laboratories, Inc.
             All rights reserved."


    ::= { pktcApplicationMibs 2 }

-- Administrative assignments
pktcEUERSTNotifications     OBJECT IDENTIFIER ::= { pktcEUERSTMIB 0 }
pktcEUERSTObjects           OBJECT IDENTIFIER ::= { pktcEUERSTMIB 1 }
pktcEUERSTConformance       OBJECT IDENTIFIER ::= { pktcEUERSTMIB 2 }

pktcEUERSTCompliances       OBJECT IDENTIFIER ::= { pktcEUERSTConformance 1 }
pktcEUERSTGroups            OBJECT IDENTIFIER ::= { pktcEUERSTConformance 2 }

-- MIB Objects
pktcEUERSTProfile           OBJECT IDENTIFIER ::= { pktcEUERSTObjects 1 }
pktcEUERSTFeatures          OBJECT IDENTIFIER ::= { pktcEUERSTObjects 2 }




-- ------------------------------------------------------------------
-- Pktc EUE RST Textual Conventions
-- ------------------------------------------------------------------

PktcRSTTCFeatID ::= TEXTUAL-CONVENTION
             STATUS  current
             DESCRIPTION
                 "This TEXTUAL CONVENTION is being defined
                  as a way to enumerate the RST features."
             SYNTAX   INTEGER {
                              other(1),
                              digitMap(2),
                              basicCall(3),
                              announcement(4),
                              statusChange(5),
                              noAnsTimeout(6),
                              callerId(7),
```

```
                                callerIdDisplay(8),
                                callerIdBlocking(9),
                                callerIdDelivery(10),
                                cfv(11),
                                callWaiting(12),
                                callHold(13),
                                callTransfer(14),
                                threeWayCalling(15),
                                doNotDisturb(16),
                                subscrProgPin(17),  -- Subscriber Programmable PIN
                                msgWaitIndicator(18),
                                autoRecall(19),
                                autoCallback(20),
                                busyLineVerify(21),
                                emergencySvc(22),
                                scf(23),            -- Selective Call Forwarding
                                acr(24),            -- Anonymous Call Rejection
                                solicitorBlocking(25),
                                distinctAlerting(26),
                                speedDialing(27),
                                cot(28),             -- Customer Originated Call Trace
                                heldMedia(29),
                                localSpeedDialing(30),
                                hotline(31),
                                digitMapVariable(32)
                                -- Reserved Range for operators specific features
                                -- identifiers 100 to 200
                                }

PktcEUETCRSTAppFeatIndexType ::= TEXTUAL-CONVENTION
    STATUS  current
    DESCRIPTION
          " This TEXTUAL CONVENTION is being defined to
            indicate any indices related to RST Application
            Features.
            Such an instance can be referenced across
            tables to indicate an association."
      SYNTAX   Unsigned32 (0..63)

 PktcEUETCRSTAUID ::= TEXTUAL-CONVENTION
      DISPLAY-HINT "255a"
      STATUS  current
      DESCRIPTION
          " This TEXTUAL CONVENTION is defined to
            indicate the Application Unique Identifier (AUID)
            as defined by PacketCable.
            The AUID is used for the dynamic invocation of RST
            features."
     SYNTAX      OCTET STRING

-- ------------------------------------------------------------------
--  EUE Profile Information
-- ------------------------------------------------------------------
pktcEUERSTProfileVersion OBJECT-TYPE
    SYNTAX      SnmpAdminString(SIZE(0..6))
    MAX-ACCESS  read-only
    STATUS      current
    DESCRIPTION
        " This MIB Object represents the RST Profile Version for this
          MIB module. The EUE MUST set this MIB Object to a value of '1.0'."
    ::= { pktcEUERSTProfile 1 }

-- ------------------------------------------------------------------
-- The Application Profile to Features Map Table
--
-- ------------------------------------------------------------------
pktcEUERSTAppProfileToFeatTable OBJECT-TYPE
```

```
    SYNTAX      SEQUENCE OF PktcEUERSTAppProfileToFeatEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This table specifies RST profiles that can be associated
          with Users supporting the RST application."
    ::= { pktcEUERSTProfile 2 }

pktcEUERSTAppProfileToFeatEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTAppProfileToFeatEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        "Each entry in this table specifies an RST profile associated
         with a set of RST features. Each entry in this table is stored
         in volatile memory."
    INDEX  { pktcEUERSTAppProfileIndex, pktcEUERSTAppFeatIndex }
    ::= { pktcEUERSTAppProfileToFeatTable 1 }

PktcEUERSTAppProfileToFeatEntry ::=
    SEQUENCE {
              pktcEUERSTAppProfileIndex       PktcEUETCUsrAppIndexType,
              pktcEUERSTAppFeatIndex          PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTAppFeatID             PktcRSTTCFeatID,
              pktcEUERSTAppFeatIndexRef       PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTAppAdminStat          PktcEUETCAdminStatus,
              pktcEUERSTAppAdminStatInfo      PktcEUETCStatusInfo,
              pktcEUERSTAppOperStat           PktcEUETCOperStatus,
              pktcEUERSTAppOperStatInfo       PktcEUETCStatusInfo,
              pktcEUERSTAppStatus             RowStatus
             }

pktcEUERSTAppProfileIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCUsrAppIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This MIB Object identifies an instance of an
          RST application profile."
    ::= { pktcEUERSTAppProfileToFeatEntry 1 }

pktcEUERSTAppFeatIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This MIB Object identifies a specific RST feature
          instance."
    ::= { pktcEUERSTAppProfileToFeatEntry 2 }

pktcEUERSTAppFeatID  OBJECT-TYPE
    SYNTAX      PktcRSTTCFeatID
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The MIB Object identifies a specific RST
          feature, as specified by PacketCable RST."
    ::= { pktcEUERSTAppProfileToFeatEntry 3 }

pktcEUERSTAppFeatIndexRef  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The MIB Object identifies an index into the RST
          feature table identified by the MIB Object
          pktcEUERSTAppFeatID.
```

```
          A value of '0' is reserved and is used to either
          identify a global feature configuration, or when
          no configuration data is specified for the feature.

          For example, the value of this object MUST be set to
          '0' for a feature that has no associated additional
          configuration table.

          Setting the value to '0' in any other cases will
          result in feature configuration error."
    ::= { pktcEUERSTAppProfileToFeatEntry 4 }

pktcEUERSTAppAdminStat  OBJECT-TYPE
    SYNTAX      PktcEUETCAdminStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object contains the administratively desired
          activation status of the feature within the profile.

          When set to 'active' the feature is intended
          to be available to the applications that reference this
          profile.

          When set to 'inactive' the feature is not available to the
          applications that reference this profile."
    DEFVAL      {active}
    ::= { pktcEUERSTAppProfileToFeatEntry 5 }

pktcEUERSTAppAdminStatInfo  OBJECT-TYPE
    SYNTAX      PktcEUETCStatusInfo
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object MAY provide more information about the
          status reported by the MIB Object pktcEUERSTAppAdminStat."
    DEFVAL      {""}
    ::= { pktcEUERSTAppProfileToFeatEntry 6 }

pktcEUERSTAppOperStat  OBJECT-TYPE
    SYNTAX      PktcEUETCOperStatus
    MAX-ACCESS  read-only
    STATUS      current
    DESCRIPTION
        " This MIB Object contains the operational activation status
          of a feature within a profile.

          This object returns the following values:

          'active'
          When pktcEUERSTAppAdminStat is 'active' and there are
          no run-time conditions and/or configuration errors that
          prohibit the feature from being used.

          'inactive'
          When pktcEUERSTAppAdminStat is 'inactive'
          or
          When pktcEUERSTAppAdminStat is 'active' and there
          are run-time conditions and/or configuration errors
          that prohibit the feature from being used.

          'notPresent'
          When the application feature is not available or unknown
          to the EUE.

          'unknown'
```

```
          Other conditions not covered by the previous values.

          An example of a run-time condition that can result in a value
          of 'inactive' is an unsuccessful attempt to bind the resources
          associated with the feature by an application because the
          resources are currently bound to another profile.

          PacketCable applications can specify additional conditions for
          how an application is considered 'active', 'inactive' or
          'notPresent', and corresponding state machine."
    ::= { pktcEUERSTAppProfileToFeatEntry 7 }

pktcEUERSTAppOperStatInfo  OBJECT-TYPE
    SYNTAX      PktcEUETCStatusInfo
    MAX-ACCESS  read-only
    STATUS      current
    DESCRIPTION
        " This MIB Object MAY provide more information about the
          status reported by the MIB Object pktcEUERSTAppOperStat."
    DEFVAL      {""}
    ::= { pktcEUERSTAppProfileToFeatEntry 8 }

pktcEUERSTAppStatus  OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object defines the row status associated with this
          particular application profile in the MIB table.

          An entry in this table is not qualified for activation
          until the object instances of all corresponding columns
          have been initialized, either by default values or via
          explicit SET operations.  Until all object instances in
          this row are initialized, the status value for this realm
          must be 'notReady(3)'.

          In particular, two columnar objects must be SET: the
          'pktcEUERSTAppFeatID' and 'pktcEUERSTAppFeatIndexRef'.
          Once these two objects have been set the row status may be SET
          to 'active(1)'.

          The EUE MUST not allow these two objects to be changed while
          the row is 'active'. The value of this object has no effect on
          whether other columnar objects in this row can be modified."
    ::= { pktcEUERSTAppProfileToFeatEntry 9 }


-- ---------------------------------------------------------------------
-- The Digit Map
-- Ref (PacketCable RST specification):
-- ---------------------------------------------------------------------
pktcEUERSTDigitMapFeat  OBJECT IDENTIFIER ::= { pktcEUERSTProfile 3 }

-- ----------------------------------------
-- Digit Map Profile Table
-- ----------------------------------------
pktcEUERSTDigitMapProfileTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTDigitMapProfileEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This table provides a Digit Map Profile. A Digit Map
          Profile may be shared by multiple Users"
    ::= { pktcEUERSTDigitMapFeat 1 }

pktcEUERSTDigitMapProfileEntry OBJECT-TYPE
```

```
    SYNTAX      PktcEUERSTDigitMapProfileEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        "Each entry in this table provides a digit map profile."
    INDEX  { pktcEUERSTDMIndex }
    ::= { pktcEUERSTDigitMapProfileTable 1 }

PktcEUERSTDigitMapProfileEntry ::=
    SEQUENCE {
              pktcEUERSTDMIndex           PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTDMValue           OCTET STRING,
              pktcEUERSTDMStatus          RowStatus
             }

pktcEUERSTDMIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTDigitMapProfileEntry 1 }

pktcEUERSTDMValue  OBJECT-TYPE
    SYNTAX      OCTET STRING(SIZE(0..8192))
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        "This MIB Object specifies the ABNF for the Digit Map.
         Refer to the PacketCable RST Feature Specification
         for representation and validation details."
   REFERENCE "PacketCable RST Feature Specification"
    ::= { pktcEUERSTDigitMapProfileEntry 2 }

pktcEUERSTDMStatus  OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTDigitMapProfileEntry 3 }


-- ----------------------------------------
-- Digit Map Variable Table
-- ----------------------------------------
pktcEUERSTDigitMapVariableTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTDigitMapVariableEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This object represents Digit map extension variables
        associated with a particular user application profile."
    ::= { pktcEUERSTDigitMapFeat 2 }

pktcEUERSTDigitMapVariableEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTDigitMapVariableEntry
    MAX-ACCESS  not-accessible
    STATUS      current
```

```
    DESCRIPTION
        "The conceptual row of pktcEUERSTDigitMapVariableTable."
    INDEX  { pktcEUERSTDigitMapVariableIndex, pktcEUERSTDigitMapVariableId }
    ::= { pktcEUERSTDigitMapVariableTable 1 }

PktcEUERSTDigitMapVariableEntry ::=
    SEQUENCE {
              pktcEUERSTDigitMapVariableIndex        PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTDigitMapVariableId           Unsigned32,
              pktcEUERSTDigitMapVariableName         SnmpAdminString,
              pktcEUERSTDigitMapVariableValue        SnmpAdminString,
              pktcEUERSTDigitMapVariableStatus       RowStatus
             }

pktcEUERSTDigitMapVariableIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This key represents the identifier of a Digit
          Map Variable Feature List. Values used for this
               index must be greater than zero and are not required
               to be sequential."
    ::= { pktcEUERSTDigitMapVariableEntry 1 }

pktcEUERSTDigitMapVariableId  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This attribute represent the unique identifier of an instance
          within the scope of a Digit Map Variable list."
    ::= { pktcEUERSTDigitMapVariableEntry 2 }

pktcEUERSTDigitMapVariableName  OBJECT-TYPE
    SYNTAX      SnmpAdminString
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        "This attribute represents the name of the Digit Map variable
          being defined. More specifically, it represents the
          'SymbolNameDef' part of the SymbolDef construct this
          variable is referring."
   REFERENCE "PacketCable RST Feature Specification"
    ::= { pktcEUERSTDigitMapVariableEntry 3 }


pktcEUERSTDigitMapVariableValue  OBJECT-TYPE
    SYNTAX      SnmpAdminString
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        "This attribute represents the value of the  Digit Map
        variable being defined. See Notation and rules in the RST
        Feature specification."
   REFERENCE "PacketCable RST Feature Specification"
    ::= { pktcEUERSTDigitMapVariableEntry 4 }

pktcEUERSTDigitMapVariableStatus  OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
          "There is no restriction on the ability to change values in
          this instance while is active.
          A created instance can be set to active only after all
          corresponding attributes of the object instances have been
```

```
          set to valid values."
    ::= { pktcEUERSTDigitMapVariableEntry 5 }

-- ------------------------------------------------------------------
-- The In-service/Out-of-Service
-- Ref (PacketCable RST specification):
-- ------------------------------------------------------------------
pktcEUERSTKeepAlive OBJECT-TYPE
    SYNTAX      TruthValue
    MAX-ACCESS  read-write
    STATUS      deprecated
    DESCRIPTION
        " This MIB Object represents the configuration of the in-service/
          out-of-service status.
          The value 'true' indicates the EUE use the keep-alive mechanism
          to determine the in-service/out-of-service status. The value 'false'
          indicates the EUE follows the in-service state requirement of RSTF.
          This MIB object is deprecated in favor of pktcEUERSTKeepAliveSetting."
    REFERENCE "PacketCable RST Feature Specification"
    ::= { pktcEUERSTProfile 4 }

pktcEUERSTKeepAliveSetting OBJECT-TYPE
    SYNTAX      INTEGER {
                  on(1),
                  off(2),
                  conditional(3)
                }
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This MIB Object represents the configuration of the in-service/
          out-of-service status.
          The value 'on' indicates the EUE use the keep-alive mechanism
          to determine the in-service/out-of-service status. The value 'off'
          indicates the EUE follows the in-service state requirement of RSTF.
          The value 'conditional' indicates the EUE MUST either start the
          keep alivemechanism (as described above) or not depending on the
          indication (or lack thereof) in the 200 OK response to the REGISTER. "
    REFERENCE "PacketCable RST Feature Specification"
    ::= { pktcEUERSTProfile 5 }


-- ------------------------------------------------------------------
-- The Basic Call Features
-- Ref (PacketCable RST specification): Table "Basic Call Feature Data"
-- ------------------------------------------------------------------
pktcEUERSTBasicCallFeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 1 }

-- The USER Basic-Call Feature Table

pktcEUERSTBasicCallTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTBasicCallEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the Basic Call Feature for the
          RST Service."
    ::= { pktcEUERSTBasicCallFeat 1 }

pktcEUERSTBasicCallEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTBasicCallEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of a user with a Basic Call Feature parameter.
```

```
          Each entry in this table is stored in volatile memory."
    INDEX  { pktcEUERSTBCallIndex }
    ::= { pktcEUERSTBasicCallTable 1 }

PktcEUERSTBasicCallEntry ::=
    SEQUENCE {
              pktcEUERSTBCallIndex    PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTBCallPrefCodecList
                                      SnmpAdminString,
              pktcEUERSTBCallStatus   RowStatus
             }

pktcEUERSTBCallIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTBasicCallEntry 1 }

pktcEUERSTBCallPrefCodecList  OBJECT-TYPE
    SYNTAX      SnmpAdminString
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object contains the list of the voice and/or video
          codecs preferred by the network.
          The value in this object is formed as a comma-separated list
          of the well-known literal voice/video codec names in order
          of preference from left to right. The EUE MUST use the literal
          voice and/or video codec name as per RTP AV Profile
          [RFC 3551], or per encoding names registered with the IANA,
          or per encoding names referenced or defined in the PacketCable
          Codec-Media specification.
          Unknown or non-supported codecs are ignored.
          The zero-length string indicates the preferred codec list is
          vendor specific starting with G711 codecs."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTBasicCallEntry 2 }

pktcEUERSTBCallStatus  OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTBasicCallEntry 3 }


-- ---------------------------------------------------------------------
-- The NETWORK Basic-Call Feature Table
-- Ref (PacketCable RST specification): Table "Basic Call Feature Data"
-- ---------------------------------------------------------------------

pktcEUERSTNfBasicCallTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTNfBasicCallEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
```

```
        " This data table represents Network-based parameters
          associated with the Basic Call Feature for the
          RST Service."
    ::= { pktcEUERSTBasicCallFeat 2 }

pktcEUERSTNfBasicCallEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTNfBasicCallEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of an Network Service Provider with a Basic Call Feature
          parameter."
    INDEX  { pktcEUEDevOpIndex }
    ::= { pktcEUERSTNfBasicCallTable 1 }

PktcEUERSTNfBasicCallEntry ::=
    SEQUENCE {
              pktcEUERSTNfBCallByeDelay            Unsigned32,
              pktcEUERSTNfBCallOrigDTTimer         Unsigned32,
              pktcEUERSTNfBCallTermOHErrSig        Uri,
              pktcEUERSTNfBCallTermErrSigTimer     Unsigned32,
              pktcEUERSTNfBCallPermSeqTone1        Uri,
              pktcEUERSTNfBCallPermSeqTimer1       Unsigned32,
              pktcEUERSTNfBCallPermSeqTone2        Uri,
              pktcEUERSTNfBCallPermSeqTimer2       Unsigned32,
              pktcEUERSTNfBCallPermSeqTone3        Uri,
              pktcEUERSTNfBCallPermSeqTimer3       Unsigned32,
              pktcEUERSTNfBCallLORTimer            Unsigned32,
              pktcEUERSTNfBCallNEMDSCPValueMedia   Unsigned32,
              pktcEUERSTNfBCallNEMDSCPValueSig     Unsigned32,
              pktcEUERSTNfBCallStatus              RowStatus,
              pktcEUERSTNFBCallOrigModLongIntDig   Unsigned32,
              pktcEUERSTNfBCallPermSeqTone4        Uri,
              pktcEUERSTNfBCallPermSeqTimer4       Unsigned32,
              pktcEUERSTNfBCallOverrideNotifyRejected TruthValue
             }

pktcEUERSTNfBCallByeDelay  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Bye Delay in seconds."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 1 }

pktcEUERSTNfBCallOrigDTTimer  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Origination Mode
          Dial Tone Timer in seconds."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 2 }

pktcEUERSTNfBCallTermOHErrSig  OBJECT-TYPE
    SYNTAX      Uri
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Termination Mode Off-Hook
          error signal."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 3 }
```

```
pktcEUERSTNfBCallTermErrSigTimer  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Termination Mode error signal
          timer in seconds."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 4 }

pktcEUERSTNfBCallPermSeqTone1  OBJECT-TYPE
    SYNTAX      Uri
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Permanent Sequence tone 1."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 5 }

pktcEUERSTNfBCallPermSeqTimer1  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Permanent Sequence timer 1
          in seconds."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 6 }

pktcEUERSTNfBCallPermSeqTone2  OBJECT-TYPE
    SYNTAX      Uri
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Permanent Sequence tone 2."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 7 }

pktcEUERSTNfBCallPermSeqTimer2  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Permanent Sequence timer 2
          in seconds."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 8 }

pktcEUERSTNfBCallPermSeqTone3  OBJECT-TYPE
     SYNTAX      Uri
     MAX-ACCESS  read-create
     STATUS      current
     DESCRIPTION
         " This MIB Object specifies the Permanent Sequence tone 3."
     REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
     ::= { pktcEUERSTNfBasicCallEntry 9 }

pktcEUERSTNfBCallPermSeqTimer3  OBJECT-TYPE
     SYNTAX      Unsigned32
     MAX-ACCESS  read-create
     STATUS      current
     DESCRIPTION
         " This MIB Object specifies the Permanent Sequence timer 3
           in seconds."
     REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 10 }
```

```
pktcEUERSTNfBCallLORTimer  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Lockout Reset timer in seconds."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 11 }

pktcEUERSTNfBCallNEMDSCPValueMedia  OBJECT-TYPE
    SYNTAX      Unsigned32(0..63)
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Non-Emergency DSCP Value
        for network packets carrying the Media (RTP) information."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 12 }

pktcEUERSTNfBCallNEMDSCPValueSig  OBJECT-TYPE
    SYNTAX      Unsigned32(0..63)
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Non-Emergency DSCP Value
        for network packets carrying the signaling information."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 13 }

pktcEUERSTNfBCallStatus  OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTNfBasicCallEntry 14 }

pktcEUERSTNFBCallOrigModLongIntDig   OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Origination Mode Long Interdigit
          Timer in seconds."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 15 }


pktcEUERSTNfBCallPermSeqTone4  OBJECT-TYPE
     SYNTAX      Uri
     MAX-ACCESS  read-create
     STATUS      current
     DESCRIPTION
         " This MIB Object specifies the Permanent Sequence tone 4."
     REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
     ::= { pktcEUERSTNfBasicCallEntry 16 }

pktcEUERSTNfBCallPermSeqTimer4  OBJECT-TYPE
     SYNTAX      Unsigned32
     MAX-ACCESS  read-create
     STATUS      current
     DESCRIPTION
         " This MIB Object specifies the Permanent Sequence timer 4
```

```
            in seconds."
      REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
     ::= { pktcEUERSTNfBasicCallEntry 17 }

pktcEUERSTNfBCallOverrideNotifyRejected  OBJECT-TYPE
      SYNTAX      TruthValue
      MAX-ACCESS  read-create
      STATUS      current
      DESCRIPTION
          " This MIB Object specifies a control mechanism to override the
            NOTIFY Rejected Event behavior.

            The value 'true' instructs the UE to follow the behavior of
            receiving a reg event NOTIFY with the associated event
            attribute element  'deactivated' for the case where the
            event attribute is set to 'rejected'. In other words,
            if this attribute is set to 'true' the UE public identities
            associated with this operator will e.g., de-register and start
            registration when the reg event attribute is set to 'rejected'.

            The value 'false' indicates the UE follows the standard
            procedures defined in the PacketCable IMS Delta Specification
             24.229 for the 'rejected' attribute of the reg event."
      REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
      DEFVAL { false }
     ::= { pktcEUERSTNfBasicCallEntry 18 }

-- ------------------------------------------------------------------
-- Pktc EUE RST Announcement Feature Profile
-- Ref (PacketCable RST specification): Table "Announcement Feature Data"
-- ------------------------------------------------------------------
pktcEUERSTAncFeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 2 }

-- The USER Announcement Feature Table

pktcEUERSTAncTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTAncEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the Announcement Feature for the
          RST Service."
    ::= { pktcEUERSTAncFeat 1 }

pktcEUERSTAncEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTAncEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of a user with an Announcement Feature parameter.
          Each entry in this table is stored in volatile memory."
    INDEX  { pktcEUERSTAncIndex }
    ::= { pktcEUERSTAncTable 1 }

PktcEUERSTAncEntry ::=
    SEQUENCE {
              pktcEUERSTAncIndex      PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTAncPrefLang   SnmpAdminString,
              pktcEUERSTAncStatus     RowStatus
             }

pktcEUERSTAncIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
```

```
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTAncEntry 1 }

pktcEUERSTAncPrefLang  OBJECT-TYPE
    SYNTAX      SnmpAdminString
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the preferred language for the
          EUE announcement."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTAncEntry 2 }

pktcEUERSTAncStatus  OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTAncEntry 3 }

-- ---------------------------------------------------------------------
-- The NETWORK Announcement Call Feature Table
-- Ref (PacketCable RST specification): Table "Announcement Feature Data"
-- ---------------------------------------------------------------------

pktcEUERSTNfAncTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTNfAncEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents Network-based parameters
          associated with the Announcement Feature for the
          RST Service."
    ::= { pktcEUERSTAncFeat 2 }

pktcEUERSTNfAncEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTNfAncEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of an Network Service Provider with an Announcement Feature
          parameter. Each entry in this table is stored in volatile memory."
    INDEX  { pktcEUEDevOpIndex }
    ::= { pktcEUERSTNfAncTable 1 }

PktcEUERSTNfAncEntry ::=
    SEQUENCE {
              pktcEUERSTNfAncRes               Uri,
              pktcEUERSTNfAncDomain            SnmpAdminString,
              pktcEUERSTNfAncPath              Uri,
              pktcEUERSTNfAncMIMEType          SnmpAdminString,
              pktcEUERSTNfAncStatus            RowStatus
             }

pktcEUERSTNfAncRes  OBJECT-TYPE
    SYNTAX      Uri
```

```
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Announcement Resource
          URI for the media server"
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfAncEntry 1 }

pktcEUERSTNfAncDomain  OBJECT-TYPE
    SYNTAX      SnmpAdminString
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Announcement Domain."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfAncEntry 2 }

pktcEUERSTNfAncPath  OBJECT-TYPE
    SYNTAX      Uri
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Announcement Path."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfAncEntry 3 }

pktcEUERSTNfAncMIMEType OBJECT-TYPE
    SYNTAX      SnmpAdminString
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Announcement MIME type."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfAncEntry 4 }

pktcEUERSTNfAncStatus  OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTNfAncEntry 5 }

-- ---------------------------------------------------------------------
-- The NETWORK Announcement Map Feature Table
-- Ref (PacketCable RST specification): Table "Announcement Feature Data"
-- ---------------------------------------------------------------------

pktcEUERSTNfAncMapTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTNfAncMapEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents the network-based announcement MAP entries"
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTAncFeat 3 }

pktcEUERSTNfAncMapEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTNfAncMapEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents the network-based announcement MAP entries.
```

```
          Each entry in this table represents the Announcement MAP
          entry URI corresponding to a response code.
          Each entry in this table is stored in volatile memory."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    INDEX  {pktcEUEDevOpIndex, pktcEUERSTNfAncMapRspCode}
    ::= { pktcEUERSTNfAncMapTable 1 }

PktcEUERSTNfAncMapEntry ::=
    SEQUENCE {
              pktcEUERSTNfAncMapRspCode        Unsigned32,
              pktcEUERSTNfAncMapURI            Uri,
              pktcEUERSTNfAncMapStatus         RowStatus
             }

pktcEUERSTNfAncMapRspCode OBJECT-TYPE
    SYNTAX      Unsigned32(400..603)
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Response code. The following
        Response codes are valid: 404, 406, 408, 480, 484, 500, 503,
        504, 600, 603."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfAncMapEntry 1 }

pktcEUERSTNfAncMapURI OBJECT-TYPE
    SYNTAX      Uri
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Announcement Map entry.
          A string identifying the URI for response code."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfAncMapEntry 2 }

pktcEUERSTNfAncMapStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTNfAncMapEntry 3 }

-- ---------------------------------------------------------------------
-- The NETWORK Announcement Media Map Feature Table
-- Ref (PacketCable RST specification): Table "Announcement Feature Data"
-- ---------------------------------------------------------------------

pktcEUERSTNfAncMediaMapTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTNfAncMediaMapEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents the network-based announcement
          Media MAP entries"
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTAncFeat 4 }

pktcEUERSTNfAncMediaMapEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTNfAncMediaMapEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
```

```
        " This data table represents the announcement Media MAP entries.
          Each entry in this table represents the Announcement Media MAP
          entry URI corresponding to an announcement identifier.
          Each entry in this table is stored in volatile memory."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    INDEX  {pktcEUEDevOpIndex, pktcEUERSTNfAncMediaId}
    ::= { pktcEUERSTNfAncMediaMapTable 1 }

PktcEUERSTNfAncMediaMapEntry ::=
    SEQUENCE {
              pktcEUERSTNfAncMediaId             SnmpAdminString,
              pktcEUERSTNfAncMediaURI            Uri,
              pktcEUERSTNfAncMediaCachMaxAge     Unsigned32,
              pktcEUERSTNfAncMediaStatus         RowStatus
             }

pktcEUERSTNfAncMediaId OBJECT-TYPE
    SYNTAX      SnmpAdminString (SIZE (0..108))
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the announcement Identifier."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfAncMediaMapEntry 1 }

pktcEUERSTNfAncMediaURI OBJECT-TYPE
    SYNTAX      Uri (SIZE (0..108))
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Announcement Media Map entry.
          A string identifying the URI for announcement identifier."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfAncMediaMapEntry 2 }

pktcEUERSTNfAncMediaCachMaxAge OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Announcement Media Cache
          maximum age in seconds."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfAncMediaMapEntry 3 }

pktcEUERSTNfAncMediaStatus  OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTNfAncMediaMapEntry 4 }

-- ---------------------------------------------------------------------
-- The NETWORK Announcement Local Media Feature Table
-- Ref (PacketCable RST specification): Table "Local Media"
-- ---------------------------------------------------------------------

pktcEUERSTNfAncLocalMediaTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTNfAncLocalMediaEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
```

```
        " This data table represents the network-based Local Media entries"
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTAncFeat 5 }

pktcEUERSTNfAncLocalMediaEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTNfAncLocalMediaEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this table represents the Local Media
          entries. Each entry in this table is stored in volatile memory."
    INDEX  {pktcEUEDevOpIndex, pktcEUERSTNfAncLclMediaURI}
    ::= { pktcEUERSTNfAncLocalMediaTable 1 }

PktcEUERSTNfAncLocalMediaEntry ::=
    SEQUENCE {
              pktcEUERSTNfAncLclMediaURI         Uri,
              pktcEUERSTNfAncLclMediaType        SnmpAdminString,
              pktcEUERSTNfAncLclMediaData        SnmpAdminString,
              pktcEUERSTNfAncLclMediaStatus      RowStatus
             }

pktcEUERSTNfAncLclMediaURI OBJECT-TYPE
    SYNTAX      Uri (SIZE (0..108))
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Local Media entry.
          A string identifying the URI for the Local Media."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfAncLocalMediaEntry 1 }

pktcEUERSTNfAncLclMediaType OBJECT-TYPE
    SYNTAX      SnmpAdminString
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Media Type entry."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfAncLocalMediaEntry 2 }

pktcEUERSTNfAncLclMediaData OBJECT-TYPE
    SYNTAX      SnmpAdminString
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Media Data entry."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfAncLocalMediaEntry 3 }

pktcEUERSTNfAncLclMediaStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTNfAncLocalMediaEntry 4 }

-- ---------------------------------------------------------------------
-- Pktc EUE RST EUE ActStatus Change Feature Profile
-- Ref (PacketCable RST specification): "UE ActStatus Change Feature Data"
-- ---------------------------------------------------------------------
pktcEUERSTUEActStatChgFeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 3 }
```

```
-- The USER EUE ActStatus Change Feature Table

pktcEUERSTUEActStatChgTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTUEActStatChgEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the EUE ActStatus Change Feature for the
          RST Service."
    ::= { pktcEUERSTUEActStatChgFeat 1 }

pktcEUERSTUEActStatChgEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTUEActStatChgEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of a user with a EUE ActStatus Change Feature parameter.
          Each entry in this table is stored in volatile memory."
    INDEX  { pktcEUERSTUEActStatChgIndex }
    ::= { pktcEUERSTUEActStatChgTable 1 }

PktcEUERSTUEActStatChgEntry ::=
    SEQUENCE {
              pktcEUERSTUEActStatChgIndex    PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTUEActStatChgRegExp   Unsigned32,
              pktcEUERSTUEActStatChgStatus   RowStatus
             }

pktcEUERSTUEActStatChgIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTUEActStatChgEntry 1 }

pktcEUERSTUEActStatChgRegExp  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the EUE ActStatus Registration expiration
          in seconds."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTUEActStatChgEntry 2 }

pktcEUERSTUEActStatChgStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTUEActStatChgEntry 3 }

-- ------------------------------------------------------------------
-- Pktc EUE RST No Answer Timeout Feature Profile
```

```
-- Ref (PacketCable RST specification): "No Answer Timeout Feature Data"
-- ---------------------------------------------------------------------
pktcEUERSTNoAnsTimeoutFeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 4 }

-- The USER No Answer timeout Feature Table

pktcEUERSTNoAnsTimeoutTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTNoAnsTimeoutEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the No Answer Timeout Feature for the
          RST Service."
    ::= { pktcEUERSTNoAnsTimeoutFeat 1 }

pktcEUERSTNoAnsTimeoutEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTNoAnsTimeoutEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of a user with a No Answer Timeout Feature parameter.
          Each entry in this table is stored in volatile memory."
    INDEX  { pktcEUERSTNoAnsTOIndex }
    ::= { pktcEUERSTNoAnsTimeoutTable 1 }

PktcEUERSTNoAnsTimeoutEntry ::=
    SEQUENCE {
              pktcEUERSTNoAnsTOIndex      PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTNoAnsTODuration   Unsigned32,
              pktcEUERSTNoAnsTOStatus     RowStatus
             }

pktcEUERSTNoAnsTOIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTNoAnsTimeoutEntry 1 }

pktcEUERSTNoAnsTODuration  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the No Answer Timeout Duration
          in seconds."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNoAnsTimeoutEntry 2 }

pktcEUERSTNoAnsTOStatus  OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTNoAnsTimeoutEntry 3 }
```

```
-- ---------------------------------------------------------------------
-- Pktc EUE RST Caller ID Feature Profile
-- Ref (PacketCable RST specification): " Caller ID Feature Data"
-- ---------------------------------------------------------------------
pktcEUERSTCallerIdFeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 5 }

-- The USER Caller ID Feature Table

pktcEUERSTCIDTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTCIDEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the Caller ID Feature for the
          RST Service."
    ::= { pktcEUERSTCallerIdFeat 1 }

pktcEUERSTCIDEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTCIDEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of a user with a Caller ID Feature parameter.
          Each entry in this table is stored in volatile memory."
    INDEX  { pktcEUERSTCIDIndex }
    ::= { pktcEUERSTCIDTable 1 }

PktcEUERSTCIDEntry ::=
    SEQUENCE {
              pktcEUERSTCIDIndex      PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTCIDPPS        INTEGER,
              pktcEUERSTCIDStatus     RowStatus
             }

pktcEUERSTCIDIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTCIDEntry 1 }

pktcEUERSTCIDPPS  OBJECT-TYPE
    SYNTAX      INTEGER {
                    anonymous(1),
                    public(2)
                }
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Permanent Presentation ActStatus."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTCIDEntry 2 }

pktcEUERSTCIDStatus  OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
```

```
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTCIDEntry 3 }

-- ------------------------------------------------------------------
-- Pktc EUE RST Caller ID Display Feature Profile
-- Ref (PacketCable RST specification): "Caller ID Display Feature Data"
-- ------------------------------------------------------------------

pktcEUERSTCIDDisFeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 6 }

-- The USER Caller ID Display Feature Table

pktcEUERSTCIDDisTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTCIDDisEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the Caller ID Display Feature for the
          RST Service."
    ::= { pktcEUERSTCIDDisFeat 1 }

pktcEUERSTCIDDisEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTCIDDisEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of a user with a Caller ID Display Feature parameter.
          Each entry in this table is stored in volatile memory."
    INDEX  { pktcEUERSTCIDDisIndex }
    ::= { pktcEUERSTCIDDisTable 1 }

PktcEUERSTCIDDisEntry ::=
    SEQUENCE {
              pktcEUERSTCIDDisIndex             PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTCIDDisCNDActStat        TruthValue,
              pktcEUERSTCIDDisCNAMDActStat      TruthValue,
              pktcEUERSTCIDDisDefCountry        SnmpAdminString,
              pktcEUERSTCIDDisStatus            RowStatus,
              pktcEUERSTCIDDisCIDCWActStat      TruthValue
             }

pktcEUERSTCIDDisIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTCIDDisEntry 1 }

pktcEUERSTCIDDisCNDActStat  OBJECT-TYPE
    SYNTAX      TruthValue
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the activation status for Calling
          Number Display (CND)."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTCIDDisEntry 2 }
```

```
pktcEUERSTCIDDisCNAMDActStat  OBJECT-TYPE
    SYNTAX      TruthValue
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the activation status for Calling
          Name Display (CNAMD)."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTCIDDisEntry 3 }

pktcEUERSTCIDDisDefCountry  OBJECT-TYPE
    SYNTAX      SnmpAdminString
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies default country code."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTCIDDisEntry 4 }

pktcEUERSTCIDDisStatus  OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTCIDDisEntry 5 }

pktcEUERSTCIDDisCIDCWActStat  OBJECT-TYPE
    SYNTAX      TruthValue
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the activation status for the
          CIDCW feature.
          The value 'true' indicates CID Display and CW indication are
          simultaneously active if both CID Display and CW features are
          activated.
          The value 'false' indicated CID Display indication is disabled
          if both CID and CW features are active.
          If CD Display is active but CW is not active, the EUE MUST ignore the
          value of this object."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    DEFVAL { true }
    ::= { pktcEUERSTCIDDisEntry 6 }

--  Static objects

pktcEUERSTCIDDisTimeAdj  OBJECT-TYPE
    SYNTAX      Integer32
    UNITS       "minutes"
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the adjustment from location invariant
          time to time at current location.  The time delta in minutes.

          If not configured, this attribute takes the value of the
          time zone acquired by the host system the UE resides or
          defaults to 0. For example, an EUE reports the value of the
          RFC 2132 DHCP option 'time offset' (in minutes) from the CM.
          This attribute is ignored when pktcEUERSTCIDDisDSTInfo is not
          the zero-length string."
```

```
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTCIDDisFeat 2 }

pktcEUERSTCIDDisDSTFlag OBJECT-TYPE
    SYNTAX      TruthValue
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " The indication of Day Light Savings Time Shift
          When set to 'true' the eUE MUST apply the daylight Time
          Savings Shifting i.e. apply a 1 hour adjustment during day
          light savings time. When set to 'false' the eUE MUST NOT make
          any daylight Time Saving adjustment.
          This attribute is ignored when pktcEUERSTCIDDisDSTInfo is not
          the zero-length string."
    DEFVAL { true }
    ::= { pktcEUERSTCIDDisFeat 3 }

pktcEUERSTCIDDisDSTInfo OBJECT-TYPE
    SYNTAX      SnmpAdminString
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " The time zone option including DST information in the
         'TZ-Posix String' format as defined in RFC 4833.
          If this attribute is not the zero-length string the UE MUST
          perform the time correction during the daylight saving time
          per this value and ignore the value of
          pktcEUERSTCIDDisDSTFlag and pktcEUERSTCIDDisTimeAdj

          If not configured, this attribute takes the value of the
          timezone acquired by the host system the UE resides or
          defaults to the zero-length string. For example, an
          EUE reports the value of the TZ-Posix string
          provided in RFC 4833 DHCPv4 option 'TZ-POSIX String' or
          DHCPv6 option code OPTION_NEW_POSIX_TIMEZONE from the CM.

          The following clarifications apply to the 'TZ-Posix String'
          expression:
          Given the TZ-Posix String as :
          stdoffset[dst[offset][,start[/time],end[/time]]]

          The EUE may ignore the time zone abbreviation associated with
          the 'std' and 'dst' expressions or may use them as part of a
          particular time output formatting (e.g., display time with time
           zone local abbreviation).
          The EUE is not required to support the parsing of the 'start'
          and 'end' expressions in Julian and zero-based Julian day.
          The EUE MUST apply the default values to the optional
          components in the TZ-Posiz String."
    ::= { pktcEUERSTCIDDisFeat 4 }


-- ---------------------------------------------------------------------
-- Pktc EUE RST Caller ID Per Call Blocking Feature Profile
-- Ref (PacketCable RST specification): "Caller ID Per-Call Blocking Feature Data"
-- ---------------------------------------------------------------------
pktcEUERSTCIDCallBlkFeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 7 }

-- The USER Caller Call Block Feature Table

pktcEUERSTCallBlkTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTCallBlkEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
```

```
          associated with the Call Block Feature for the
          RST Service."
    ::= { pktcEUERSTCIDCallBlkFeat 1 }

pktcEUERSTCallBlkEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTCallBlkEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of a user with a Call Block Feature parameter.
          Each entry in this table is stored in volatile memory."
    INDEX  { pktcEUERSTCIDBlkIndex }
    ::= { pktcEUERSTCallBlkTable 1 }

PktcEUERSTCallBlkEntry ::=
    SEQUENCE {
              pktcEUERSTCIDBlkIndex           PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTCIDCBlkConfTone       Uri,
              pktcEUERSTCIDCBlkErrTone        Uri,
              pktcEUERSTCIDCBlkStatus         RowStatus
             }

pktcEUERSTCIDBlkIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTCallBlkEntry 1 }

pktcEUERSTCIDCBlkConfTone  OBJECT-TYPE
    SYNTAX      Uri
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the confirmation tone after
          vertical feature code."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTCallBlkEntry 2 }

pktcEUERSTCIDCBlkErrTone  OBJECT-TYPE
    SYNTAX      Uri
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the error tone after
          vertical feature code failure."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTCallBlkEntry 3 }

pktcEUERSTCIDCBlkStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTCallBlkEntry 4 }
```

```
 -- ---------------------------------------------------------------------
 -- Pktc EUE RST Caller ID Per Call Delivery Feature Profile
 -- Ref (PacketCable RST specification): "Caller ID Per-Call Delivery Feature  Data"
 -- ---------------------------------------------------------------------
 pktcEUERSTCIDCallDelFeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 8 }

 -- The USER Caller Call Delivery Feature Table

pktcEUERSTCallDelTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTCallDelEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the Call Delivery Feature for the
          RST Service."
    ::= { pktcEUERSTCIDCallDelFeat 1 }

pktcEUERSTCallDelEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTCallDelEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of a user with a Call Delivery Feature parameter.
          Each entry in this table is stored in volatile memory."
    INDEX  { pktcEUERSTCIDDelIndex }
    ::= { pktcEUERSTCallDelTable 1 }

PktcEUERSTCallDelEntry ::=
    SEQUENCE {
              pktcEUERSTCIDDelIndex       PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTCIDDelConfTone    Uri,
              pktcEUERSTCIDDelErrTone     Uri,
              pktcEUERSTCIDDelStatus      RowStatus
             }

pktcEUERSTCIDDelIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTCallDelEntry 1 }

pktcEUERSTCIDDelConfTone  OBJECT-TYPE
     SYNTAX      Uri
     MAX-ACCESS  read-create
     STATUS      current
     DESCRIPTION
         " This MIB Object specifies the confirmation tone after
           vertical feature code."
     REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
     ::= { pktcEUERSTCallDelEntry 2 }

pktcEUERSTCIDDelErrTone  OBJECT-TYPE
     SYNTAX      Uri
     MAX-ACCESS  read-create
     STATUS      current
     DESCRIPTION
         " This MIB Object specifies the error tone after
           vertical feature code failure."
     REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
```

```
     ::= { pktcEUERSTCallDelEntry 3 }

pktcEUERSTCIDDelStatus  OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTCallDelEntry 4 }

 -- ---------------------------------------------------------------------
 -- Pktc EUE RST Call Forwarding Variable Feature Profile
 -- Ref (PacketCable RST specification): "Call Forwarding Variable Feature Data"
 -- ---------------------------------------------------------------------
pktcEUERSTCFwdFeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 9 }

-- The USER Call Forwarding Feature Table

pktcEUERSTCallFwdTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTCallFwdEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the Call Forwarding Feature for the
          RST Service."
    ::= { pktcEUERSTCFwdFeat 1 }

pktcEUERSTCallFwdEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTCallFwdEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of a user with a Call Forwarding Feature parameter.
          Each entry in this table is stored in volatile memory."
    INDEX  { pktcEUERSTCallFwdIndex }
    ::= { pktcEUERSTCallFwdTable 1 }

PktcEUERSTCallFwdEntry ::=
    SEQUENCE {
              pktcEUERSTCallFwdIndex          PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTCallFwdRingReminder   TruthValue,
              pktcEUERSTCallFwdSubDuration    Unsigned32,
              pktcEUERSTCallFwdAUID           PktcEUETCRSTAUID,
              pktcEUERSTCallFwdStatus         RowStatus
             }

pktcEUERSTCallFwdIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTCallFwdEntry 1 }

pktcEUERSTCallFwdRingReminder  OBJECT-TYPE
    SYNTAX      TruthValue
    MAX-ACCESS  read-create
```

```
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Call Forward Ring Reminder."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTCallFwdEntry 2 }

pktcEUERSTCallFwdSubDuration  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the subscription duration in seconds."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTCallFwdEntry 3 }

pktcEUERSTCallFwdAUID   OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAUID
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object defines the Application Unique Identifier (AUID)
          for this feature."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification."
    ::= { pktcEUERSTCallFwdEntry 4 }

pktcEUERSTCallFwdStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTCallFwdEntry 5 }

-- The NETWORK Call Forwarding Feature Table

pktcEUERSTNfCallFwdTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTNfCallFwdEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents the network-based Call Forwarding entries"
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTCFwdFeat 2 }

pktcEUERSTNfCallFwdEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTNfCallFwdEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this table represents the Call Forwarding
          entries. Each entry in this table is stored in volatile memory."
    INDEX  {pktcEUEDevOpIndex}
    ::= { pktcEUERSTNfCallFwdTable 1 }

PktcEUERSTNfCallFwdEntry ::=
    SEQUENCE {
              pktcEUERSTNfCallFwdSpDialTone      TruthValue,
              pktcEUERSTNfCallFwdStatus          RowStatus
             }

pktcEUERSTNfCallFwdSpDialTone  OBJECT-TYPE
    SYNTAX      TruthValue
    MAX-ACCESS  read-create
```

```
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the special conditions dial tone
          when forwarded indicator."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfCallFwdEntry 1 }

pktcEUERSTNfCallFwdStatus  OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTNfCallFwdEntry 2 }

-- ---------------------------------------------------------------------
-- Pktc EUE RST Call Waiting Feature Data
-- Ref (PacketCable RST specification): "Call Waiting Feature Data"
-- ---------------------------------------------------------------------
pktcEUERSTCallWaitFeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 10 }

pktcEUERSTCallWaitTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTCallWaitEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the Call Waiting Feature for the
          RST Service."
    ::= { pktcEUERSTCallWaitFeat 1 }

pktcEUERSTCallWaitEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTCallWaitEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of a user with a Call Waiting Feature parameter.
          Each entry in this table is stored in volatile memory."
    INDEX  { pktcEUERSTCallWaitIndex }
    ::= { pktcEUERSTCallWaitTable 1 }

PktcEUERSTCallWaitEntry ::=
    SEQUENCE {
              pktcEUERSTCallWaitIndex            PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTCallWaitCancelEnable     TruthValue,
              pktcEUERSTCallWaitStatus           RowStatus,
              pktcEUERSTCallWaitDisconnectTiming Unsigned32
             }

pktcEUERSTCallWaitIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTCallWaitEntry 1 }

pktcEUERSTCallWaitCancelEnable  OBJECT-TYPE
```

```
    SYNTAX      TruthValue
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Call Wait Cancel hook flash
        operations as described in the RST specification."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    DEFVAL { true }
    ::= { pktcEUERSTCallWaitEntry 2 }

pktcEUERSTCallWaitStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active."
    ::= { pktcEUERSTCallWaitEntry 3 }

pktcEUERSTCallWaitDisconnectTiming  OBJECT-TYPE
    SYNTAX      Unsigned32
    UNITS       "seconds"
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the timer to resume a call with a third
        party being held. The value '0' indicates immediate connect."
    DEFVAL { 10 }
    ::= { pktcEUERSTCallWaitEntry 4 }

-- ---------------------------------------------------------------------
-- Pktc EUE RST Call Hold Feature Profile
-- Ref (PacketCable RST specification): "Call Hold Feature Data"
-- ---------------------------------------------------------------------
pktcEUERSTCallHoldFeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 11 }

-- The USER Call Hold Feature Table

pktcEUERSTCallHoldTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTCallHoldEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the Call Hold Feature for the
          RST Service."
    ::= { pktcEUERSTCallHoldFeat 1 }

pktcEUERSTCallHoldEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTCallHoldEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of a user with a Call Hold Feature parameter.
          Each entry in this table is stored in volatile memory."
    INDEX  { pktcEUERSTCHIndex }
    ::= { pktcEUERSTCallHoldTable 1 }

PktcEUERSTCallHoldEntry ::=
    SEQUENCE {
              pktcEUERSTCHIndex          PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTCHFeatConfirm    Uri,
              pktcEUERSTCHStatus         RowStatus
             }
```

```
pktcEUERSTCHIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTCallHoldEntry 1 }

pktcEUERSTCHFeatConfirm  OBJECT-TYPE
    SYNTAX      Uri
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the feature activation/deactivation
          confirmation indicator."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTCallHoldEntry 2 }

pktcEUERSTCHStatus  OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTCallHoldEntry 3 }

-- ---------------------------------------------------------------------
-- Pktc EUE RST Call Transfer Feature Profile
-- Ref (PacketCable RST specification): "Call Transfer Feature Data"
-- ---------------------------------------------------------------------
pktcEUERSTCallXfrFeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 12 }

-- The USER Call Transfer Feature Table

pktcEUERSTCallXfrTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTCallXfrEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the Call Hold Transfer for the
          RST Service."
    ::= { pktcEUERSTCallXfrFeat 1 }

pktcEUERSTCallXfrEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTCallXfrEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of a user with a Call Hold Transfer parameter.
          Each entry in this table is stored in volatile memory."
    INDEX  { pktcEUERSTCXIndex }
    ::= { pktcEUERSTCallXfrTable 1 }

PktcEUERSTCallXfrEntry ::=
    SEQUENCE {
              pktcEUERSTCXIndex          PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTCXNtfyTimeout    Unsigned32,
```

```
              pktcEUERSTCXStatus         RowStatus,
              pktcEUERSTCXInDialogRefer  TruthValue,
              pktcEUERSTCXIncomingOnly   TruthValue
             }

pktcEUERSTCXIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTCallXfrEntry 1 }

pktcEUERSTCXNtfyTimeout  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Notify Timeout in seconds."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTCallXfrEntry 2 }

pktcEUERSTCXStatus  OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTCallXfrEntry 3 }

pktcEUERSTCXInDialogRefer   OBJECT-TYPE
    SYNTAX       TruthValue
    MAX-ACCESS   read-create
    STATUS       current
    DESCRIPTION
        " This MIB Object specifies the usage of call transfer
        refer. If set to 'true' a transfer via REFER is performed
        within the existing dialog with the transferee.
        If set to 'false'  a transfer via REFER is sent out of
        dialog, to the transferee."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTCallXfrEntry 4 }

pktcEUERSTCXIncomingOnly OBJECT-TYPE
    SYNTAX TruthValue
    MAX-ACCESS read-create
    STATUS current
    DESCRIPTION
        " This MIB Object specifies whether call transfer can be invoked
        only when the 1st call leg was an incoming call.

        If set to 'true' call transfer can be invoked only if the 1st call
        leg was an incoming call.

        If set to 'false' call transfer can be invoked if the 1st call leg
        was an incoming or an outgoing call.

        The EUE MUST use the default value of 'false'."
```

```
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
::= { pktcEUERSTCallXfrEntry 5 }

-- ------------------------------------------------------------------
-- Pktc EUE RST Do Not Disturb Feature Profile
-- Ref (PacketCable RST specification): "DND Feature Data"
-- ------------------------------------------------------------------
pktcEUERSTDnDFeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 13 }

-- The USER Do Not Disturb Feature Table

pktcEUERSTDnDTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTDnDEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the Do Not Disturb feature for the
          RST Service."
    ::= { pktcEUERSTDnDFeat 1 }

pktcEUERSTDnDEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTDnDEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of a user with a Do Not Disturb parameter.
          Each entry in this table is stored in volatile memory."
    INDEX  { pktcEUERSTDnDIndex }
    ::= { pktcEUERSTDnDTable 1 }

PktcEUERSTDnDEntry ::=
    SEQUENCE {
              pktcEUERSTDnDIndex            PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTDnDActConfirm       Uri,
              pktcEUERSTDnDDeActConfirm     Uri,
              pktcEUERSTDnDAUID             PktcEUETCRSTAUID,
              pktcEUERSTDnDStatus           RowStatus
             }

pktcEUERSTDnDIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTDnDEntry 1 }

pktcEUERSTDnDActConfirm  OBJECT-TYPE
    SYNTAX      Uri
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Feature Activation Confirmation
          Indicator."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTDnDEntry 2 }

pktcEUERSTDnDDeActConfirm  OBJECT-TYPE
    SYNTAX      Uri
    MAX-ACCESS  read-create
    STATUS      current
```

```
    DESCRIPTION
        " This MIB Object specifies the Feature Deactivation Confirmation
          Indicator."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTDnDEntry 3 }

pktcEUERSTDnDAUID   OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAUID
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object defines the Application Unique Identifier (AUID)
          for this feature."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification."
    ::= { pktcEUERSTDnDEntry 4 }

pktcEUERSTDnDStatus  OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTDnDEntry 5 }

-- ---------------------------------------------------------------------
-- Pktc EUE RST Subscriber Programmable PIN Feature Data
-- Ref (PacketCable RST specification): "Subscriber Programmable PIN Feature Data"
-- ---------------------------------------------------------------------
-- No extension objects for this feature

-- ---------------------------------------------------------------------
-- Pktc EUE RST MWI Feature Profile
-- Ref (PacketCable RST specification): "MWI Feature Data"
-- ---------------------------------------------------------------------
pktcEUERSTMWIFeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 14 }

-- The NETWORK MWI Feature Table

pktcEUERSTNfMWITable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTNfMWIEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents the network-based MWI entries"
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTMWIFeat 1 }

pktcEUERSTNfMWIEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTNfMWIEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this table represents the MWI feature
          entries. Each entry in this table is stored in volatile memory."
    INDEX  {pktcEUEDevOpIndex}
    ::= { pktcEUERSTNfMWITable 1 }

PktcEUERSTNfMWIEntry ::=
    SEQUENCE {
              pktcEUERSTNfMWISubDuration    Unsigned32,
              pktcEUERSTNfMWIStatus         RowStatus
             }
```

```
pktcEUERSTNfMWISubDuration  OBJECT-TYPE
    SYNTAX      Unsigned32
    UNITS       "seconds"
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the MWI Subscription duration."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfMWIEntry 1 }

pktcEUERSTNfMWIStatus  OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTNfMWIEntry 2 }

-- ---------------------------------------------------------------------
-- Pktc EUE RST Auto Recall Feature Profile
-- Ref (PacketCable RST specification): "Auto Recall Feature Data"
-- ---------------------------------------------------------------------
pktcEUERSTAutoRclFeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 15 }

-- The USER Auto Recall Feature Table

pktcEUERSTAutoRclTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTAutoRclEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the Auto Recall feature for the
          RST Service."
    ::= { pktcEUERSTAutoRclFeat 1 }

pktcEUERSTAutoRclEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTAutoRclEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of a user with an Auto Recall parameter.
          Each entry in this table is stored in volatile memory."
    INDEX  { pktcEUERSTARIndex }
    ::= { pktcEUERSTAutoRclTable 1 }

PktcEUERSTAutoRclEntry ::=
    SEQUENCE {
              pktcEUERSTARIndex            PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTARTimer            Unsigned32,
              pktcEUERSTARSpRngDuration    Unsigned32,
              pktcEUERSTARSpRngRetryTime   Unsigned32,
              pktcEUERSTARSpRngRetries     Unsigned32,
              pktcEUERSTARMaxSubSend       Unsigned32,
              pktcEUERSTARMaxSubRec        Unsigned32,
              pktcEUERSTARStatus           RowStatus
             }

pktcEUERSTARIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
```

```
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTAutoRclEntry 1 }

pktcEUERSTARTimer  OBJECT-TYPE
    SYNTAX      Unsigned32 (0..1800)
    UNITS       "seconds"
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the auto recall timer.
          This is seconds of feature duration."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    DEFVAL      {1800}
    ::= { pktcEUERSTAutoRclEntry 2 }

pktcEUERSTARSpRngDuration  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the auto recall special ring duration.
          This is the number of special ringing ring cycles."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTAutoRclEntry 3 }

pktcEUERSTARSpRngRetryTime  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the auto recall special ringing retry
          wait interval. This is seconds to wait between attempts to alert
          the user with special ringing."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTAutoRclEntry 4 }

pktcEUERSTARSpRngRetries  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the number of auto recall special ringing
          retries.
          This is the number of times to retry special ringing before canceling
          the AR request."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTAutoRclEntry 5 }

pktcEUERSTARMaxSubSend  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the maximum number of simultaneous
          subscribes the EUE should send."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTAutoRclEntry 6 }

pktcEUERSTARMaxSubRec  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
```

```
    DESCRIPTION
        " This MIB Object specifies the maximum number of simultaneous
          subscriptions the EUE should honor."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTAutoRclEntry 7 }

pktcEUERSTARStatus  OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTAutoRclEntry 8 }

-- ------------------------------------------------------------------
-- Pktc EUE RST Auto Callback Feature Profile
-- Ref (PacketCable RST specification): "Auto Callback Feature Data"
-- ------------------------------------------------------------------
pktcEUERSTAutoCbFeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 16 }

-- The USER Auto Callback Feature Table

pktcEUERSTAutoCbTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTAutoCbEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the Auto Callback feature for the
          RST Service."
    ::= { pktcEUERSTAutoCbFeat 1 }

pktcEUERSTAutoCbEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTAutoCbEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of a user with an Auto Callback parameter.
          Each entry in this table is stored in volatile memory."
    INDEX  { pktcEUERSTACbIndex }
    ::= { pktcEUERSTAutoCbTable 1 }

PktcEUERSTAutoCbEntry ::=
    SEQUENCE {
              pktcEUERSTACbIndex            PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTACbTimer            Unsigned32,
              pktcEUERSTACbSpRngDuration    Unsigned32,
              pktcEUERSTACbSpRngRetryTime   Unsigned32,
              pktcEUERSTACbSpRngRetries     Unsigned32,
              pktcEUERSTACbMaxSubSend       Unsigned32,
              pktcEUERSTACbMaxSubRec        Unsigned32,
              pktcEUERSTACbStatus           RowStatus
             }

pktcEUERSTACbIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
```

```
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTAutoCbEntry 1 }

pktcEUERSTACbTimer  OBJECT-TYPE
    SYNTAX      Unsigned32 (0..1800)
    UNITS       "seconds"
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the auto callback timer.
          This is seconds of feature duration."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    DEFVAL      {1800}
    ::= { pktcEUERSTAutoCbEntry 2 }

pktcEUERSTACbSpRngDuration  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the auto callback special ring duration.
          This is the number of special ringing ring cycles."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTAutoCbEntry 3 }

pktcEUERSTACbSpRngRetryTime  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the auto callback special ringing retry
          wait interval. This is seconds to wait between attempts to alert
          the user with special ringing."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTAutoCbEntry 4 }

pktcEUERSTACbSpRngRetries  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the number of auto callback special ringing
          retries.
          This is the number of times to retry special ringing before canceling
          the AR request."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTAutoCbEntry 5 }

pktcEUERSTACbMaxSubSend  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the maximum number of simultaneous
          subscribes the EUE should send.."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTAutoCbEntry 6 }

pktcEUERSTACbMaxSubRec  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the maximum number of simultaneous
          subscriptions the EUE should honor."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
```

```
    ::= { pktcEUERSTAutoCbEntry 7 }

pktcEUERSTACbStatus  OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTAutoCbEntry 8 }

-- ------------------------------------------------------------------
-- Pktc EUE RST Busy Line Verify Feature Profile
-- Ref (PacketCable RST specification): "Busy Line Verify Feature Data"
-- ------------------------------------------------------------------
pktcEUERSTBusyLineVFeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 17 }

-- The NETWORK Busy Line Verify Feature Table

pktcEUERSTNfBusyLineVTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTNfBusyLineVEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents the network-based Busy Line Verify
          Feature entries"
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTBusyLineVFeat 1 }

pktcEUERSTNfBusyLineVEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTNfBusyLineVEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this table represents the Busy Line Verify feature
          entries. Each entry in this table is stored in volatile memory."
    INDEX  {pktcEUEDevOpIndex}
    ::= { pktcEUERSTNfBusyLineVTable 1 }

PktcEUERSTNfBusyLineVEntry ::=
    SEQUENCE {
              pktcEUERSTNfBLVOperId  SnmpAdminString,
              pktcEUERSTNfBLVStatus  RowStatus
             }

pktcEUERSTNfBLVOperId  OBJECT-TYPE
    SYNTAX      SnmpAdminString
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Busy Line Verify Operator Id."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBusyLineVEntry 1 }

pktcEUERSTNfBLVStatus  OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
```

```
    ::= { pktcEUERSTNfBusyLineVEntry 2 }

-- ------------------------------------------------------------------
-- Pktc EUE RST Emergency Services Feature Profile
-- Ref (PacketCable RST specification): "Emergency Services Feature Data"
-- ------------------------------------------------------------------
pktcEUERSTEmSvcFeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 18 }

-- The NETWORK Emergency Services Feature Table

pktcEUERSTNfEmSvcTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTNfEmSvcEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents the network-based Emergency Services
          Feature entries"
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTEmSvcFeat 1 }

pktcEUERSTNfEmSvcEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTNfEmSvcEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this table represents the Emergency Services
          feature entries. Each entry in this table is stored in volatile
          memory."
    INDEX  {pktcEUEDevOpIndex}
    ::= { pktcEUERSTNfEmSvcTable 1 }

PktcEUERSTNfEmSvcEntry ::=
    SEQUENCE {
              pktcEUERSTNfEmSvcNwHoldTimer   Unsigned32,
              pktcEUERSTNfEmSvcHowlTimer     Unsigned32,
              pktcEUERSTNfEmSvcDSCPValMedia  Unsigned32,
              pktcEUERSTNfEmSvcDSCPValSig    Unsigned32,
              pktcEUERSTNfEmSvcStatus        RowStatus
             }

pktcEUERSTNfEmSvcNwHoldTimer  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Emergency Services network hold
          timer in minutes."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    DEFVAL      {45}
    ::= { pktcEUERSTNfEmSvcEntry 1 }

pktcEUERSTNfEmSvcHowlTimer  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Emergency Services howler
          timer in seconds. "
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    DEFVAL      {3}
    ::= { pktcEUERSTNfEmSvcEntry 2 }

pktcEUERSTNfEmSvcDSCPValMedia  OBJECT-TYPE
    SYNTAX      Unsigned32 (0..63)
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
```

```
        " This MIB Object specifies the DSCP Value for network packets
        carrying the Media (RTP) information for Emergency Services."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfEmSvcEntry 3 }

pktcEUERSTNfEmSvcDSCPValSig  OBJECT-TYPE
    SYNTAX      Unsigned32 (0..63)
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the DSCP Value for network packets
        carrying the Signaling information for Emergency Services."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfEmSvcEntry 4 }

pktcEUERSTNfEmSvcStatus  OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTNfEmSvcEntry 5 }

 -- ---------------------------------------------------------------------
 -- Pktc EUE RST SCF Feature Profile
 -- Ref (PacketCable RST specification): "SCF Feature Data"
 -- ---------------------------------------------------------------------
pktcEUERSTSCFFeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 19 }

-- The USER Call Forwarding Feature Table

pktcEUERSTSCFTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTSCFEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the RST SCF Feature."
    ::= { pktcEUERSTSCFFeat 1 }

pktcEUERSTSCFEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTSCFEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of a user with a SCF parameter.
          Each entry in this table is stored in volatile memory."
    INDEX  { pktcEUERSTSCFIndex }
    ::= { pktcEUERSTSCFTable 1 }

PktcEUERSTSCFEntry ::=
    SEQUENCE {
              pktcEUERSTSCFIndex            PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTSCFRingReminder     TruthValue,
              pktcEUERSTSCFAUID             PktcEUETCRSTAUID,
              pktcEUERSTSCFStatus           RowStatus
             }

pktcEUERSTSCFIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
```

```
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTSCFEntry 1 }

pktcEUERSTSCFRingReminder  OBJECT-TYPE
    SYNTAX      TruthValue
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Call Forward Ring Reminder."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTSCFEntry 2 }

pktcEUERSTSCFAUID   OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAUID
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object defines the Application Unique Identifier (AUID)
          for this feature."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification."
    ::= { pktcEUERSTSCFEntry 3 }

pktcEUERSTSCFStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTSCFEntry 4 }

 -- ---------------------------------------------------------------------
 -- Pktc EUE RST Held Medial Feature Profile
 -- Ref (PacketCable RST specification): "Held Media Feature Data"
 -- ---------------------------------------------------------------------
pktcEUERSTHeldMediaFeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 20 }

-- The USER Held Media Feature Table

pktcEUERSTHeldMediaTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTHeldMediaEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This object represents User-based parameters
          associated with the Held Media Feature."
    ::= { pktcEUERSTHeldMediaFeat 1 }

pktcEUERSTHeldMediaEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTHeldMediaEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of a user with a Held Media parameter.
          Each entry in this table is stored in volatile memory."
    INDEX  { pktcEUERSTHeldMediaIndex }
    ::= { pktcEUERSTHeldMediaTable 1 }
```

```
PktcEUERSTHeldMediaEntry ::=
    SEQUENCE {
              pktcEUERSTHeldMediaIndex      PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTHeldMediaEnabled    TruthValue,
              pktcEUERSTHeldMediaStatus           RowStatus
             }

pktcEUERSTHeldMediaIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTHeldMediaEntry 1 }

pktcEUERSTHeldMediaEnabled  OBJECT-TYPE
    SYNTAX      TruthValue
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Held Media Condition
          'true' indicates local held is performed.
          'false' indicates network signaling is used for held media."
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTHeldMediaEntry 2 }

pktcEUERSTHeldMediaStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTHeldMediaEntry 3 }

 -- ---------------------------------------------------------------------
 -- Pktc EUE RST Speed Dial Local Map Feature Profile
 -- Ref (PacketCable RST specification): "Speed Dialing Feature"
 -- ---------------------------------------------------------------------
pktcEUERSTSpeedDialLocalMapFeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 21 }

-- The USER Speed Dial Local Map Table

pktcEUERSTSpeedDialLocalMapTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTSpeedDialLocalMapEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This object represents a local speed dial digit map.
        Digits are matched to instances of this object before
        attempting to match digits from digit map."
    ::= { pktcEUERSTSpeedDialLocalMapFeat 1 }

pktcEUERSTSpeedDialLocalMapEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTSpeedDialLocalMapEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " The conceptual row of pktcEUERSTSpeedDialLocalMapTable."
    REFERENCE "PacketCable RST Feature Specification"
```

```
    INDEX  { pktcEUERSTSpeedDialLocalMapIndex, pktcEUERSTSpeedDialLocalMapId }
    ::= { pktcEUERSTSpeedDialLocalMapTable 1 }

PktcEUERSTSpeedDialLocalMapEntry ::=
    SEQUENCE {
              pktcEUERSTSpeedDialLocalMapIndex
PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTSpeedDialLocalMapId              Unsigned32,
              pktcEUERSTSpeedDialLocalMapCode            SnmpAdminString,
              pktcEUERSTSpeedDialLocalMapDigitString     SnmpAdminString,
              pktcEUERSTSpeedDialLocalMapStatus          RowStatus
             }

pktcEUERSTSpeedDialLocalMapIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This key represents the unique identifier of this
          instance. Values used for this index must be greater
          than zero and are not required to be sequential."
    ::= { pktcEUERSTSpeedDialLocalMapEntry 1 }

pktcEUERSTSpeedDialLocalMapId OBJECT-TYPE
    SYNTAX Unsigned32
    MAX-ACCESS not-accessible
    STATUS current
    DESCRIPTION
        " This attribute represent the unique identifier of an instance
        within the scope of a local speed dial list."
    ::= { pktcEUERSTSpeedDialLocalMapEntry 2 }


pktcEUERSTSpeedDialLocalMapCode  OBJECT-TYPE
    SYNTAX      SnmpAdminString
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        "This attribute represents the one or two digit dialed speed
        call code
        The allowed values are:
        The ASCII code for numbers 2 to 9 for 1-digit speed calling
        The ASCII codes for numbers 20 to 99 for 2-digit speed calling."
    REFERENCE "PacketCable RST Feature Specification"
    ::= { pktcEUERSTSpeedDialLocalMapEntry 3 }

pktcEUERSTSpeedDialLocalMapDigitString  OBJECT-TYPE
    SYNTAX      SnmpAdminString
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        "This attribute represents the digit string associated
         with the local Speed Dialing code to be matched in the
         user digit map for call processing."
    REFERENCE "PacketCable RST Feature Specification"
    ::= { pktcEUERSTSpeedDialLocalMapEntry 4 }


pktcEUERSTSpeedDialLocalMapStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in
          this instance while is active.
          A created instance can be set to active only after all
```

```
          corresponding attributes of the object instances have been
          set to valid values."
    ::= { pktcEUERSTSpeedDialLocalMapEntry 5 }


 -- ------------------------------------------------------------------
 -- Pktc EUE RST Hotline Feature Profile
 -- Ref (PacketCable RST specification): "Hotline Feature"
 -- ------------------------------------------------------------------
pktcEUERSTHotlineFeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 22 }

-- The Hot Line Table

pktcEUERSTHotlineTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTHotlineEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This object represents the hotline feature."
    ::= { pktcEUERSTHotlineFeat 1 }

pktcEUERSTHotlineEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTHotlineEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " The conceptual row of pktcEUERSTHotlineTable."
    REFERENCE "PacketCable RST Feature Specification"
    INDEX  { pktcEUERSTHotlineIndex }
    ::= { pktcEUERSTHotlineTable 1 }

PktcEUERSTHotlineEntry ::=
    SEQUENCE {
              pktcEUERSTHotlineIndex           PktcEUETCRSTAppFeatIndexType,
              pktcEUERSTHotlineDestAddress     SnmpAdminString,
              pktcEUERSTHotlineOffhookTimer    Unsigned32,
              pktcEUERSTHotlineStatus          RowStatus
             }

pktcEUERSTHotlineIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This key represents the unique identifier of this
          instance. Values used for this index must be greater
          than zero and are not required to be sequential."
    ::= { pktcEUERSTHotlineEntry 1 }

pktcEUERSTHotlineDestAddress  OBJECT-TYPE
    SYNTAX      SnmpAdminString
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This attribute represents the destination address
          (SIP or TEL URI) where the active hotline feature
          originates a call."
    REFERENCE "PacketCable RST Feature Specification"
    ::= { pktcEUERSTHotlineEntry 2 }

pktcEUERSTHotlineOffhookTimer  OBJECT-TYPE
    SYNTAX      Unsigned32
    UNITS       "seconds"
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This attribute represents the timer for activation of the
```

```
          hotline call origination after offhook detection."
    REFERENCE "PacketCable RST Feature Specification"
    DEFVAL { 0 }
    ::= { pktcEUERSTHotlineEntry 3 }

pktcEUERSTHotlineStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in
          this instance while is active.
          A created instance can be set to active only after all
          corresponding attributes of the object instances have been
          set to valid values."
    ::= { pktcEUERSTHotlineEntry 4 }

-- ---------------------------------------------------------------------
-- Pktc 3WC Feature Data
-- Ref (PacketCable RST specification): "3WC Feature Data"
-- ---------------------------------------------------------------------

pktcEUERST3WCallfeat  OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 23 }

pktcEUERST3WCallTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERST3WCallEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the 3-way Call for the RST feature."
    ::= { pktcEUERST3WCallfeat 1 }

pktcEUERST3WCallEntry OBJECT-TYPE
    SYNTAX      PktcEUERST3WCallEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of a user with a 3-way Call  Feature parameter.
          Each entry in this table is stored in volatile memory."
    INDEX  { pktcEUERSTCallWaitIndex }
    ::= { pktcEUERST3WCallTable 1 }

PktcEUERST3WCallEntry ::=
    SEQUENCE {
              pktcEUERST3WCallIndex                PktcEUETCRSTAppFeatIndexType,
              pktcEUERST3WCallDisconnectTiming     Unsigned32,
              pktcEUERST3WCallStatus               RowStatus
             }

pktcEUERST3WCallIndex  OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERST3WCallEntry 1 }

pktcEUERST3WCallDisconnectTiming  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
```

```
    STATUS      current
    DESCRIPTION
      " This MIB Object specifies the timer reasume a call with a third
        party being held. The value '0' indicates immediate connect"
    REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
    DEFVAL { 10 }
    ::= { pktcEUERST3WCallEntry 2 }

pktcEUERST3WCallStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active."
    ::= { pktcEUERST3WCallEntry 3 }

-- ------------------------------------------------------------------
-- Conformance Information
-- ------------------------------------------------------------------

-- Compliance ActStatements
pktcEUERSTCompliance MODULE-COMPLIANCE
    STATUS      current
    DESCRIPTION
            "The compliance statement for implementations of the RST MIB
              Module."
    MODULE   -- this module
        MANDATORY-GROUPS {
                 pktcEUERSTProfileGroup,
                 pktcEUERSTBasicCallGroup,
                 pktcEUERSTUEStGroup,
                 pktcEUERSTNoAnsGroup,
                 pktcEUERSTCallerIDGroup,
                 pktcEUERSTCallFwdGroup,
                 pktcEUERSTCallHoldGroup,
                 pktcEUERSTCallTransGroup,
                 pktcEUERSTDNDGroup,
                 pktcEUERSTMWIGroup,
                 pktcEUERSTAutoRecallGroup,
                 pktcEUERSTAutoCallbackGroup,
                 pktcEUERSTBusyLineGroup,
                 pktcEUERSTEmerSvcGroup,
                 pktcEUERSTDigitMapGroup,
                 pktcEUERSTAppProfileGroup,
                 pktcEUERSTSCFProfileGroup,
                 pktcEUERSTHeldMediaGroup,
                 pktcEUERSTHotlineGroup,
                 pktcEUERSTCallWaitGroup,
                 pktcEUERST3WCallGroup
                 }

    GROUP  pktcEUERSTAncGroup
    DESCRIPTION
        " This group is conditionally OPTIONAL. An EUE MUST implement
          if and only if the MIB Objects of this group if an EUE supports
          the Announcement Feature."

    GROUP pktcEUERSTSpeedDialLocalGroup
    DESCRIPTION
        " This group is conditionally OPTIONAL and implemented by the EUE
          only if the EUE supports the Speed Dial Local Map feature."

    MODULE   PKTC-IETF-SIG-MIB  -- Group of the MIB Objects from RFC5098
       MANDATORY-GROUPS {
                 pktcSigDeviceGroup
```

```
       }

    OBJECT  pktcSigDevVmwiMode
    MIN-ACCESS  not-accessible
    DESCRIPTION
        " Object not applicable for the EUE."

    OBJECT  pktcSigCapabilityType
    MIN-ACCESS  not-accessible
    DESCRIPTION
        " Object not applicable for the EUE."

    OBJECT  pktcSigCapabilityVersion
    MIN-ACCESS  not-accessible
    DESCRIPTION
        " Object not applicable for the EUE."

    OBJECT  pktcSigCapabilityVendorExt
    MIN-ACCESS  not-accessible
    DESCRIPTION
        " Object not applicable for the EUE."

    OBJECT  pktcSigDefNcsReceiveUdpPort
    MIN-ACCESS  not-accessible
    DESCRIPTION
        " Object not applicable for the EUE."


    ::= { pktcEUERSTCompliances 1 }

pktcEUERSTDeprecatedCompliance MODULE-COMPLIANCE
    STATUS      deprecated
    DESCRIPTION
            "A placeholder for deprecated objects."
    MODULE   -- this module

    GROUP pktcEUERSTDeprecated
      DESCRIPTION
        " Deprecated list of  objects"
    ::= { pktcEUERSTCompliances 2 }


pktcEUERSTEuroCompliance MODULE-COMPLIANCE
    STATUS      current
    DESCRIPTION
            "The compliance statement for implementations of the RST MIB
             Module in the European Technology Option of PacketCable 2.0."
    MODULE   -- this module
        MANDATORY-GROUPS {
                 pktcEUERSTProfileGroup,
                 pktcEUERSTBasicCallGroup,
                 pktcEUERSTUEStGroup,
                 pktcEUERSTNoAnsGroup,
                 pktcEUERSTCallerIDGroup,
                 pktcEUERSTCallFwdGroup,
                 pktcEUERSTCallHoldGroup,
                 pktcEUERSTCallTransGroup,
                 pktcEUERSTDNDGroup,
                 pktcEUERSTMWIGroup,
                 pktcEUERSTAutoRecallGroup,
                 pktcEUERSTAutoCallbackGroup,
                 pktcEUERSTBusyLineGroup,
                 pktcEUERSTEmerSvcGroup,
                 pktcEUERSTDigitMapGroup,
                 pktcEUERSTAppProfileGroup,
                 pktcEUERSTSCFProfileGroup,
                 pktcEUERSTHeldMediaGroup,
```

```
                pktcEUERSTHotlineGroup,
                pktcEUERSTCallWaitGroup,
                pktcEUERST3WCallGroup
                }

    GROUP       pktcEUERSTAncGroup
    DESCRIPTION
         "This group is conditionally MANDATORY. An EUE MUST implement
          the MIB Objects of this group if and only if an EUE supports
          the Announcement Feature."

    GROUP       pktcEUERSTSpeedDialLocalGroup
    DESCRIPTION
         "This group is conditionally MANDATORY. An EUE MUST implement
          the MIB Objects of this group if and only if an EUE supports
          the Speed Dial Local Map feature."

    MODULE      PKTC-IETF-SIG-MIB  -- Group of MIB Objects from RFC5098
       MANDATORY-GROUPS {
                pktcSigDeviceGroup
                pktcInternationalGroup
       }

    OBJECT      pktcSigCapabilityType
    MIN-ACCESS  not-accessible
    DESCRIPTION
         "Object not applicable for the EUE."

    OBJECT      pktcSigCapabilityVersion
    MIN-ACCESS  not-accessible
    DESCRIPTION
         "Object not applicable for the EUE."

    OBJECT      pktcSigCapabilityVendorExt
    MIN-ACCESS  not-accessible
    DESCRIPTION
         "Object not applicable for the EUE."

    OBJECT      pktcSigDefNcsReceiveUdpPort
    MIN-ACCESS  not-accessible
    DESCRIPTION
         "Object not applicable for the EUE."

    OBJECT      pktcSigPulseSignalFrequency
    MIN-ACCESS  not-accessible
    DESCRIPTION
         "Object not applicable for the EUE. Object is applicable if
          optional feature of Pulse Dialing is supported"

    OBJECT      pktcSigPulseSignalDbLevel
    MIN-ACCESS  not-accessible
    DESCRIPTION
         "Object not applicable for the EUE. Object is applicable if
          optional feature of Pulse Dialing is supported"

    OBJECT      pktcSigPulseSignalDuration
    MIN-ACCESS  not-accessible
    DESCRIPTION
         "Object not applicable for the EUE. Object is applicable if
          optional feature of Pulse Dialing is supported"

    OBJECT      pktcSigPulseSignalPulseInterval
    MIN-ACCESS  not-accessible
    DESCRIPTION
         "Object not applicable for the EUE. Object is applicable if
          optional feature of Pulse Dialing is supported"
```

```
    OBJECT       pktcSigPulseSignalRepeatCount
    MIN-ACCESS   not-accessible
    DESCRIPTION
         "Object not applicable for the EUE. Object is applicable if
          optional feature of Pulse Dialing is supported"

    OBJECT       pktcSigEndPntConfigPulseDialInterdigitTime
    MIN-ACCESS   not-accessible
    DESCRIPTION
         "Object not applicable for the EUE. Object is applicable if
          optional feature of Pulse Dialing is supported"

    OBJECT       pktcSigEndPntConfigPulseDialMinMakeTime
    MIN-ACCESS   not-accessible
    DESCRIPTION
         "Object not applicable for the EUE. Object is applicable if
          optional feature of Pulse Dialing is supported"

    OBJECT       pktcSigEndPntConfigPulseDialMaxMakeTime
    MIN-ACCESS   not-accessible
    DESCRIPTION
         "Object not applicable for the EUE. Object is applicable if
          optional feature of Pulse Dialing is supported"

    OBJECT       pktcSigEndPntConfigPulseDialMinBreakTime
    MIN-ACCESS   not-accessible
    DESCRIPTION
         "Object not applicable for the EUE. Object is applicable if
          optional feature of Pulse Dialing is supported"

    OBJECT       pktcSigEndPntConfigPulseDialMaxBreakTime
    MIN-ACCESS   not-accessible
    DESCRIPTION
         "Object not applicable for the EUE. Object is applicable if
          optional feature of Pulse Dialing is supported"

    ::= { pktcEUERSTCompliances 3 }


pktcEUERSTProfileGroup OBJECT-GROUP
      OBJECTS {
         pktcEUERSTProfileVersion,
         pktcEUERSTKeepAliveSetting
      }
      STATUS  current
      DESCRIPTION
            "The EUE RST Profile Group."
      ::= { pktcEUERSTGroups 1}

pktcEUERSTBasicCallGroup OBJECT-GROUP
      OBJECTS {
          pktcEUERSTBCallPrefCodecList,
          pktcEUERSTBCallStatus,
          pktcEUERSTNfBCallByeDelay,
          pktcEUERSTNfBCallOrigDTTimer,
          pktcEUERSTNfBCallTermOHErrSig,
          pktcEUERSTNfBCallTermErrSigTimer,
          pktcEUERSTNfBCallPermSeqTone1,
          pktcEUERSTNfBCallPermSeqTimer1,
          pktcEUERSTNfBCallPermSeqTone2,
          pktcEUERSTNfBCallPermSeqTimer2,
          pktcEUERSTNfBCallPermSeqTone3,
          pktcEUERSTNfBCallPermSeqTimer3,
          pktcEUERSTNfBCallLORTimer,
          pktcEUERSTNfBCallNEMDSCPValueMedia,
          pktcEUERSTNfBCallNEMDSCPValueSig,
```

```
          pktcEUERSTNfBCallStatus,
          pktcEUERSTNFBCallOrigModLongIntDig,
          pktcEUERSTNfBCallPermSeqTone4,
          pktcEUERSTNfBCallPermSeqTimer4,
          pktcEUERSTNfBCallOverrideNotifyRejected
      }
      STATUS  current
      DESCRIPTION
            "The RST Basic Call Group."
      ::= { pktcEUERSTGroups 2}

pktcEUERSTAncGroup OBJECT-GROUP
      OBJECTS {
          pktcEUERSTAncPrefLang,
          pktcEUERSTAncStatus,
          pktcEUERSTNfAncRes,
          pktcEUERSTNfAncDomain,
          pktcEUERSTNfAncPath,
          pktcEUERSTNfAncMIMEType,
          pktcEUERSTNfAncStatus,
          pktcEUERSTNfAncMapURI,
          pktcEUERSTNfAncMapStatus,
          pktcEUERSTNfAncMediaURI,
          pktcEUERSTNfAncMediaCachMaxAge,
          pktcEUERSTNfAncMediaStatus,
          pktcEUERSTNfAncLclMediaData,
          pktcEUERSTNfAncLclMediaType,
          pktcEUERSTNfAncLclMediaStatus
      }
      STATUS  current
      DESCRIPTION
            "The RST Announcement Group."
      ::= { pktcEUERSTGroups 3}

pktcEUERSTUEStGroup OBJECT-GROUP
      OBJECTS {
          pktcEUERSTUEActStatChgRegExp,
          pktcEUERSTUEActStatChgStatus
      }
      STATUS  current
      DESCRIPTION
            "The RST EUE ActStatus Change Group."
      ::= { pktcEUERSTGroups 4}

pktcEUERSTNoAnsGroup OBJECT-GROUP
      OBJECTS {
          pktcEUERSTNoAnsTODuration,
          pktcEUERSTNoAnsTOStatus
      }
      STATUS  current
      DESCRIPTION
            "The RST No Answer Timeout Group."
      ::= { pktcEUERSTGroups 5}

pktcEUERSTCallerIDGroup OBJECT-GROUP
      OBJECTS {
          pktcEUERSTCIDPPS,
          pktcEUERSTCIDStatus,
          -- CID Display
          pktcEUERSTCIDDisTimeAdj,
          pktcEUERSTCIDDisDSTFlag,
          pktcEUERSTCIDDisDSTInfo,
          pktcEUERSTCIDDisCNDActStat,
          pktcEUERSTCIDDisCNAMDActStat,
          pktcEUERSTCIDDisDefCountry,
          pktcEUERSTCIDDisStatus,
          pktcEUERSTCIDDisCIDCWActStat,
```

```
          -- CID per Blocking
          pktcEUERSTCIDCBlkConfTone,
          pktcEUERSTCIDCBlkErrTone,
          pktcEUERSTCIDCBlkStatus,
          -- CID per Delivery
          pktcEUERSTCIDDelConfTone,
          pktcEUERSTCIDDelErrTone,
          pktcEUERSTCIDDelStatus
      }
      STATUS  current
      DESCRIPTION
            "The RST Caller ID Group."
      ::= { pktcEUERSTGroups 6}

pktcEUERSTCallFwdGroup OBJECT-GROUP
      OBJECTS {
          pktcEUERSTCallFwdRingReminder,
          pktcEUERSTCallFwdSubDuration,
          pktcEUERSTCallFwdAUID,
          pktcEUERSTCallFwdStatus,
          pktcEUERSTNfCallFwdSpDialTone,
          pktcEUERSTNfCallFwdStatus
      }
      STATUS  current
      DESCRIPTION
            "The RST Call Forward Group."
      ::= { pktcEUERSTGroups 7}

pktcEUERSTCallHoldGroup OBJECT-GROUP
      OBJECTS {
          pktcEUERSTCHFeatConfirm,
          pktcEUERSTCHStatus
      }
      STATUS  current
      DESCRIPTION
            "The RST Call Hold Group."
      ::= { pktcEUERSTGroups 8}

pktcEUERSTCallTransGroup OBJECT-GROUP
      OBJECTS {
          pktcEUERSTCXNtfyTimeout,
          pktcEUERSTCXStatus,
          pktcEUERSTCXInDialogRefer,
          pktcEUERSTCXIncomingOnly
      }

      STATUS  current
      DESCRIPTION
            "The RST Call Transfer Group."
      ::= { pktcEUERSTGroups 9}

pktcEUERSTDNDGroup OBJECT-GROUP
      OBJECTS {
          pktcEUERSTDnDActConfirm,
          pktcEUERSTDnDDeActConfirm,
          pktcEUERSTDnDAUID,
          pktcEUERSTDnDStatus
      }
      STATUS  current
      DESCRIPTION
            "The RST Do Not Disturb Group."
      ::= { pktcEUERSTGroups 10}

pktcEUERSTMWIGroup OBJECT-GROUP
      OBJECTS {
          pktcEUERSTNfMWISubDuration,
          pktcEUERSTNfMWIStatus
```

```
      }
      STATUS  current
      DESCRIPTION
            "The RST MWI Group."
      ::= { pktcEUERSTGroups 11}

pktcEUERSTAutoRecallGroup OBJECT-GROUP
      OBJECTS {
          pktcEUERSTARTimer,
          pktcEUERSTARSpRngDuration,
          pktcEUERSTARSpRngRetryTime,
          pktcEUERSTARSpRngRetries,
          pktcEUERSTARMaxSubSend,
          pktcEUERSTARMaxSubRec,
          pktcEUERSTARStatus
      }
      STATUS  current
      DESCRIPTION
            "The RST Auto Recall Group."
      ::= { pktcEUERSTGroups 13}

pktcEUERSTAutoCallbackGroup OBJECT-GROUP
      OBJECTS {
          pktcEUERSTACbTimer,
          pktcEUERSTACbSpRngDuration,
          pktcEUERSTACbSpRngRetryTime,
          pktcEUERSTACbSpRngRetries,
          pktcEUERSTACbMaxSubSend,
          pktcEUERSTACbMaxSubRec,
          pktcEUERSTACbStatus
      }
      STATUS  current
      DESCRIPTION
            "The RST Auto Callback Group."
      ::= { pktcEUERSTGroups 14}

pktcEUERSTBusyLineGroup OBJECT-GROUP
      OBJECTS {
          pktcEUERSTNfBLVOperId,
          pktcEUERSTNfBLVStatus
      }
      STATUS  current
      DESCRIPTION
            "The RST Busy Line Verify Group."
      ::= { pktcEUERSTGroups 15}

pktcEUERSTEmerSvcGroup OBJECT-GROUP
      OBJECTS {
          pktcEUERSTNfEmSvcNwHoldTimer,
          pktcEUERSTNfEmSvcHowlTimer,
          pktcEUERSTNfEmSvcDSCPValMedia,
          pktcEUERSTNfEmSvcDSCPValSig,
          pktcEUERSTNfEmSvcStatus
      }
      STATUS  current
      DESCRIPTION
            "The RST Emergency Services Group."
      ::= { pktcEUERSTGroups 16}

pktcEUERSTDigitMapGroup OBJECT-GROUP
      OBJECTS {
          pktcEUERSTDMValue,
          pktcEUERSTDMStatus,
          pktcEUERSTDigitMapVariableName,
          pktcEUERSTDigitMapVariableValue,
          pktcEUERSTDigitMapVariableStatus
      }
```

```
      STATUS  current
      DESCRIPTION
            "The Digit Map Group."
      ::= { pktcEUERSTGroups 17}

pktcEUERSTAppProfileGroup OBJECT-GROUP
      OBJECTS {
          pktcEUERSTAppFeatID,
          pktcEUERSTAppFeatIndexRef,
          pktcEUERSTAppAdminStat,
          pktcEUERSTAppAdminStatInfo,
          pktcEUERSTAppOperStat,
          pktcEUERSTAppOperStatInfo,
          pktcEUERSTAppStatus
      }
      STATUS  current
      DESCRIPTION
            "The App Profile Group."
      ::= { pktcEUERSTGroups 18}

pktcEUERSTSCFProfileGroup OBJECT-GROUP
      OBJECTS {
          pktcEUERSTSCFRingReminder,
          pktcEUERSTSCFAUID,
          pktcEUERSTSCFStatus
      }
      STATUS  current
      DESCRIPTION
            "The SCF Profile Group."
      ::= { pktcEUERSTGroups 19}

pktcEUERSTHeldMediaGroup OBJECT-GROUP
       OBJECTS {
                           pktcEUERSTHeldMediaEnabled,
                           pktcEUERSTHeldMediaStatus
       }
       STATUS current
       DESCRIPTION
             "The Held Media Profile Group."
      ::= { pktcEUERSTGroups 20}

pktcEUERSTSpeedDialLocalGroup OBJECT-GROUP
       OBJECTS {
                         pktcEUERSTSpeedDialLocalMapCode,
                         pktcEUERSTSpeedDialLocalMapDigitString,
                         pktcEUERSTSpeedDialLocalMapStatus
       }
       STATUS current
       DESCRIPTION
              "The Speed Dial Local Profile Group."
      ::= { pktcEUERSTGroups 21}

pktcEUERSTHotlineGroup OBJECT-GROUP
       OBJECTS {
              pktcEUERSTHotlineDestAddress,
              pktcEUERSTHotlineOffhookTimer,
              pktcEUERSTHotlineStatus
       }
       STATUS current
       DESCRIPTION
              "The Hotline Profile Group."
      ::= { pktcEUERSTGroups 22}

pktcEUERSTCallWaitGroup OBJECT-GROUP
       OBJECTS {
              pktcEUERSTCallWaitCancelEnable,
              pktcEUERSTCallWaitStatus,
```

```
                pktcEUERSTCallWaitDisconnectTiming
        }
        STATUS current
        DESCRIPTION
                "The Hotline Profile Group."
       ::= { pktcEUERSTGroups 23}


pktcEUERST3WCallGroup OBJECT-GROUP
        OBJECTS {
                pktcEUERST3WCallDisconnectTiming,
                pktcEUERST3WCallStatus
                }
        STATUS current
        DESCRIPTION
                "The Hotline Profile Group."
       ::= { pktcEUERSTGroups 24}

pktcEUERSTDeprecated OBJECT-GROUP
        OBJECTS {
                pktcEUERSTKeepAlive
                }
        STATUS deprecated
        DESCRIPTION
                "Deprecated MIB objects."
       ::= { pktcEUERSTGroups 25}


END
```

Annex B PacketCable EDVA Configuration Module

B.1 E-DVA MIB

```
CL-PKTC-EUE-EDVA-MIB DEFINITIONS ::= BEGIN

IMPORTS
    MODULE-IDENTITY,
    OBJECT-TYPE,
    Integer32,
    Unsigned32
                    FROM SNMPv2-SMI
    OBJECT-GROUP,
    MODULE-COMPLIANCE
                    FROM SNMPv2-CONF
    TEXTUAL-CONVENTION,
    TruthValue
                    FROM SNMPv2-TC
    SnmpAdminString
                    FROM SNMP-FRAMEWORK-MIB
    InetAddress,
    InetAddressType
                    FROM INET-ADDRESS-MIB
    ifIndex
                    FROM IF-MIB
    pktcEUEDeviceMibs
                    FROM CLAB-DEF-MIB;

pktcEDVAMIB MODULE-IDENTITY
    LAST-UPDATED "201210300000Z" -- October 30, 2012
    ORGANIZATION "Cable Television Laboratories, Inc."
    CONTACT-INFO
            "Broadband Network Services
             Cable Television Laboratories, Inc.
             858 Coal Creek Circle,
             Louisville, CO 80027, USA
             Phone: +1 303-661-9100
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             John Berg, CableLabs
             Eduardo Cardona, CableLabs
             and members of the PacketCable 2.0 Provisioning Focus Team."
    DESCRIPTION
             "This MIB module contains configuration MIB
             objects for the PacketCable E-DVA."
    REVISION "201210300000Z" -- October 30, 2012
    DESCRIPTION
            "Revised Version includes ECN RST-EUE-PROV-N-12.0688-2
             and published as part of PKT-SP-RST-EUE-PROV-I08-121030"
    REVISION "200912140000Z" -- December 14, 2009
    DESCRIPTION
             "Revised Version includes ECN RST-EUE-PROV-N-09.0607-3
              and published as part of PKT-SP-RST-EUE-PROV-I04-100120"
    REVISION "200905280000Z" -- May 28, 2009
    DESCRIPTION
             "Revised Version includes ECNs
             RST-EUE-PROV-N-08.0529-5
             RST-EUE-PROV-N-09.0558-3
             and published as part of PKT-SP-RST-EUE-PROV-I03-090528"
    REVISION "200807100000Z" -- July 10, 2008
```

```
    DESCRIPTION
             "Revised Version includes ECN RST-EUE-PROV-N-08.0525-5
             and published as PKT-SP-RST-EUE-PROV-I02-080710"
    REVISION "200711060000Z" -- Nov 6, 2007
    DESCRIPTION
             "Initial version, published as part of the CableLabs
             RST E-UE Provisioning Specification
             PKT-SP-RST-EUE-PROV-I01-071106
             Copyright 1999-2007 Cable Television Laboratories, Inc.
             All rights reserved."
    ::= { pktcEUEDeviceMibs 1 }

-- ------------------------------------------------------------------
-- Pktc EUE EDVA Textual Conventions
-- ------------------------------------------------------------------

PktcEUETCLocInfoType ::= TEXTUAL-CONVENTION
    STATUS  current
    DESCRIPTION
        " This TEXTUAL CONVENTION is being defined
          to identify the type of the objects which contain
          the Location Information of PacketCable UEs.
          If the Location Information provided to a UE
          is presented as a Civic Address, then the type
          is 'locInfoCivic(1)'. The format of the object is
          then defined by the RFC4676.
          If the Location Information provided to a UE
          is presented as a Geographic Location, then the type
          is 'locInfoGeo(2)'. The format of the object is
          then defined by the RFC3825."
    SYNTAX INTEGER {
        locInfoCivic(1),
        locInfoGeo(2)
    }

PktcEUETCLocInfo ::= TEXTUAL-CONVENTION
    STATUS  current
    DESCRIPTION
        " This TEXTUAL CONVENTION is being defined
          to be identify the objects which contain
          the Location Information of PacketCable UEs.
          The particular format of the object with the
          Location Information should be defined by the
          additional object with the syntax of
          PktcEUETCLocInfoType."
    SYNTAX   OCTET STRING


-- Administrative assignments
pktcEDVANotification      OBJECT IDENTIFIER ::= { pktcEDVAMIB 0 }
pktcEDVAObjects           OBJECT IDENTIFIER ::= { pktcEDVAMIB 1 }
pktcEDVAConformance       OBJECT IDENTIFIER ::= { pktcEDVAMIB 2 }

pktcEDVACompliances       OBJECT IDENTIFIER ::= { pktcEDVAConformance 1 }
pktcEDVAGroups            OBJECT IDENTIFIER ::= { pktcEDVAConformance 2 }


-- ------------------------------------------------------------------
-- Profile OID
-- ------------------------------------------------------------------
pktcEDVAProfile           OBJECT IDENTIFIER ::= { pktcEDVAObjects 1 }


-- ------------------------------------------------------------------
--  eUE Profile Information
-- ------------------------------------------------------------------
pktcEDVAProfileVersion OBJECT-TYPE
```

```
    SYNTAX      SnmpAdminString(SIZE(0..6))
    MAX-ACCESS  read-only
    STATUS      current
    DESCRIPTION
        " This MIB Object represents the E-DVA Profile Version for this
          MIB module. The eUE MUST set this MIB Object to a value of '1.0'."
    ::= { pktcEDVAProfile 1 }

-- ---------------------------------------------------------------------
-- Pktc Line Number MIB Object
-- ---------------------------------------------------------------------
pktcEDVALineNumberCount  OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-only
    STATUS      current
    DESCRIPTION
        " This object MUST identify the number of physical, telephony
          endpoints on an E-DVA."
    REFERENCE "PacketCable RST E-DVA Specification"
    ::= { pktcEDVAObjects 2 }


-- ---------------------------------------------------------------------------
 -- E-DVA Network Disconnect Signaling Event
 -- Ref (PacketCable E-DVA Specification): Network Disconnect Signaling Event
 -- ---------------------------------------------------------------------------
 pktcEDVANetDiscProfile  OBJECT IDENTIFIER ::= { pktcEDVAObjects 3 }

 -- The Network Disconnect Signaling Event Table
 pktcEDVANetDiscTable OBJECT-TYPE
     SYNTAX      SEQUENCE OF PktcEDVANetDiscEntry
     MAX-ACCESS  not-accessible
     STATUS      current
     DESCRIPTION
         " This data table represents the Network Disconnect time
           for each line provided by the E-DVA."
     ::= { pktcEDVANetDiscProfile 1 }

 pktcEDVANetDiscEntry OBJECT-TYPE
     SYNTAX      PktcEDVANetDiscEntry
     MAX-ACCESS  not-accessible
     STATUS      current
     DESCRIPTION
         " Each entry in this data table describes the Network Disconnect
           Time for the associated line."
     INDEX  { ifIndex }
     ::= { pktcEDVANetDiscTable 1 }

 PktcEDVANetDiscEntry ::=
     SEQUENCE {
               pktcEDVANetDisc     Integer32
              }

pktcEDVANetDisc  OBJECT-TYPE
    SYNTAX      Integer32 (0..2000)
    UNITS       "milliseconds"
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This object specifies the time in milliseconds that the E-DVA
          must remove DC bias when a call has been cleared by the
          network.

          A value of zero (0) indicates that the E-DVA MUST NOT remove
          DC bias when a call disconnects.  The E-DVA MUST implement
          this element per the E-DVA specification."
    REFERENCE "PacketCable RST E-DVA Specification"
```

```
    DEFVAL {1000}
    ::= { pktcEDVANetDiscEntry 1 }


 -- ---------------------------------------------------------------------
 -- E-DVA Answer Supervision Event
 -- Ref (PacketCable E-DVA Specification): Answer Supervision Event
 -- ---------------------------------------------------------------------
 pktcEDVAAnsSupProfile  OBJECT IDENTIFIER ::= { pktcEDVAObjects 4 }

 -- The Answer Supervision Signal Event Table
 pktcEDVAAnsSupTable OBJECT-TYPE
     SYNTAX      SEQUENCE OF PktcEDVAAnsSupEntry
     MAX-ACCESS  not-accessible
     STATUS      current
     DESCRIPTION
         " This data table represents the Answer Supervision
           for each line provided by the E-DVA."
    ::= { pktcEDVAAnsSupProfile 1 }

pktcEDVAAnsSupEntry OBJECT-TYPE
    SYNTAX      PktcEDVAAnsSupEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes the Answer Supervision
          for the associated line."
    INDEX  { ifIndex }
    ::= { pktcEDVAAnsSupTable 1 }

PktcEDVAAnsSupEntry ::=
    SEQUENCE {
              pktcEDVAAnsSup          TruthValue
             }

pktcEDVAAnsSup  OBJECT-TYPE
    SYNTAX      TruthValue
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This object specifies the Answer Supervision state.
          Answer Supervision (also called battery reversal, reverse DC bias,
          or Reverse Loop Current Feed) is signaled when the distant end
          answers a call originated by the CPE. Typically this signal is
          used to notify electronic equipment such as PBXs which have a local
          billing system that a call has been answered. When provisioned to do
          so, the E-DVA may reverse DC bias when a call has been answered.

          The default value for this object is 'false' indicating that
          Answer Supervision is disabled (off).
          The E-DVA MUST implement this element per the PacketCable Residential
          SIP Telephony E-DVA Specification."
    REFERENCE "PacketCable RST E-DVA Specification"
    DEFVAL {false}
    ::= { pktcEDVAAnsSupEntry 1 }

-- ---------------------------------------------------------------------
-- E-DVA DTMF Relay Offer
-- Ref (PacketCable E-DVA Specification): DTMF Relay Offer
-- ---------------------------------------------------------------------
pktcEDVADtmfProfile  OBJECT IDENTIFIER ::= { pktcEDVAObjects 5 }

pktcEDVADtmfRelay  OBJECT-TYPE
    SYNTAX      TruthValue
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
```

```
        " This MIB Object represents the DTMF Relay status for the E-DVA.

          The E-DVA must support the use of DTMF for both dialed digits
          and for the relay of digits as part of an established session.
          When dialing the DTMF, signaling MUST be collected at the E-DVA.
          The digits are gathered according to the digit map and all digits
          are sent in a single message.

          If the value of this object is 'true' (on), the E-DVA must offer
          DTMF relay within SDP upon session origination.

          The E-DVA MUST implement this element per the PacketCable Residential
          SIP Telephony E-DVA Specification."
    REFERENCE "PacketCable RST E-DVA Specification"
    DEFVAL {true}
    ::= { pktcEDVADtmfProfile 1 }

-- ------------------------------------------------------------------------
-- E-DVA EndPoint Configuration Profile
-- Ref (PacketCable E-DVA Specification)
-- ------------------------------------------------------------------------
pktcEDVAEndPointCfgProfile OBJECT IDENTIFIER ::= { pktcEDVAObjects 6 }

pktcEDVAEndPntConfigTable OBJECT-TYPE
    SYNTAX SEQUENCE OF PktcEDVAEndPntConfigEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This table describes configuration data pertaining
          for each end point (telephony line).
          The number of entries in this table represents the
          number of provisioned end points."
    ::= { pktcEDVAEndPointCfgProfile 1 }

pktcEDVAEndPntConfigEntry OBJECT-TYPE
    SYNTAX PktcEDVAEndPntConfigEntry
    MAX-ACCESS not-accessible
    STATUS current
    DESCRIPTION
        " This Object represents the conceptual row in
          the pktcEDVAEndPntConfigTable.

          Each entry describes the configuration data for
          the associated line."
    INDEX { ifIndex }
    ::= { pktcEDVAEndPntConfigTable 1 }

PktcEDVAEndPntConfigEntry ::=
    SEQUENCE {
                pktcEDVAEndPntDtmfMinPlayout Unsigned32,
                pktcEDVAEndPntHookState INTEGER,
                pktcEDVAEndPntFaxDetection TruthValue,
                pktcEDVAEndPntQosPreconditions INTEGER
    }

pktcEDVAEndPntDtmfMinPlayout OBJECT-TYPE
    SYNTAX      Unsigned32 (0 | 50..100)
    UNITS       "milliseconds"
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This object defines the minimum playout time for
          the DTMF digit when IETF RFC 4734 DTMF Relay is used
          for the egress gateway.
          If the value set via this pktcEDVADtmfMinPlayout
          object is different from that specified in RFC4734 packet,
          then the MTA MUST use the maximum of the two values.
```

```
          The value 0 indicates to use what is specified in
          RFC 4734

          For example:
          If the RFC 4734 packet specifies 23ms and if the object
          pktcEDVADtmfMinPlayout is set to 40ms then
          the egress gateway must use a value of 40ms.
          Similarly if the RFC 4734 packet specifies
          60 ms and if the object pktcEDVADtmfMinPlayout
          is set to 40ms then the egress gateway must use a
          value of 60ms."
    DEFVAL {50}
    ::= { pktcEDVAEndPntConfigEntry 1}

pktcEDVAEndPntHookState OBJECT-TYPE
    SYNTAX INTEGER {
                    onHook (1),
                    onHookWithActivity(2),
                    offHook (3)
    }
    MAX-ACCESS  read-only
    STATUS      current
    DESCRIPTION
        " This object indicates the state of an endpoint with respect
          to the hook state and, potentially, to the 'significant
          activities', which should not be interrupted by the
          network operations.

          The E-DVA MUST consider the following activities as significant:
          - tones generated by the end-point in response to an incoming
          SIP requests,
          - loopback tests.

          The E-DVA MUST set the value of this object according
          to the following:

            - onHook(1): when endpoint is 'on hook' and there are
          no 'significant activities' going on this endpoint;

            - onHookWithActivity(2): when endpoint is 'on hook' and
          there is at least one of the 'significant activities' going
          on for this endpoint;

            - offHook(3): when the endpoint is 'off hook'.

          When this object indicates the value of the
          onHookWithActivity(2) or offHook(3), the Management Station
          has to refrain from  initialization of network operations,
          that may interrupt the significant activities on the endpoints."
    ::= { pktcEDVAEndPntConfigEntry 2 }

pktcEDVAEndPntFaxDetection OBJECT-TYPE
    SYNTAX      TruthValue
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This MIB object is used to configure
          the distinctive fax calling tone (CNG) detection feature
          on an MTA endpoint with reference to the analog interface.
          When set to true, the MTA MUST enable the detection
          of CNG tones on the specific endpoint.
          When set to false, the MTA MUST disable the detection
          of CNG tones on the specific endpoint.
          If a connection already exists on the endpoint when this
          MIB Object is modified, then the setting needs to take
          effect on the next connection."
    DEFVAL {false}
```

```
    ::= { pktcEDVAEndPntConfigEntry 3}


pktcEDVAEndPntQosPreconditions OBJECT-TYPE
    SYNTAX      INTEGER {
        required(1),
        supported(2),
        disabled(3)
        }
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This MIB object is used to configure
          the QoS preconditions for the end point.

          The QoS precondition procedures are defined in RFC 3312.
          When using QoS preconditions procedures during session
          establishment, the E-DVA MUST assume that the local upstream
          and downstream QoS resources for the session are already
          allocated.

          When the E-DVA is configured as 'required'
          the E-DVA MUST establish media sessions using the QoS
          preconditions procedures.
          If the remote endpoint does not support QoS preconditions,
          the session establishment fails. Otherwise the communication
          is established using preconditions.

          When the E-DVA is configured as 'supported'
          the E-DVA MUST establish media sessions using the QoS
          preconditions procedures only when interworking with a
          remote endpoint that requires QoS preconditions to be used
          in order to complete session establishment.
          If the remote endpoint does not require the use of QoS
          preconditions (e.g., remote endpoint does not support QoS
          preconditions or indicates them as optional), then the E-DVA
          MUST establish the communication without using QoS
          preconditions.

          When the E-DVA is configured as 'disabled'
          the E-DVA MUST NOT use the QoS preconditions procedures during
          session establishment (i.e., acting as if QoS preconditions were
          not supported). If the remote endpoint requires the
          use of QoS preconditions, then session establishment fails.

          Below are the E-DVA application of the preconditions procedures.

          Precondition E-DVA Preconditions   Other endpoint   Call
          MIB Object   strength-tag          Preconditions    Result
          value                              strength-tag
          ============================================================
          'required'   mandatory             mandatory        P
          'required'   mandatory             optional         P
          'required'   mandatory             none             CF

          'supported'  optional              mandatory        P
          'supported'  optional              optional         NP
          'supported'  optional              none             NP

          'disabled'*  no strength-tag       mandatory        CF
          'disabled'*  no strength-tag       optional         NP
          'disabled'*  no strength-tag       none             NP

          (*) or E-DVA does not implement preconditions

          P  Call is established with preconditions
          NP Call is established without preconditions
```

```
          CF Call Fails

          When the E-DVA does not support QoS preconditions, the E-DVA
          MUST reject SNMP SET operations for this MIB object indicating
          the SNMP error code 'wrongValue' in the SNMP SET response.
          When a SET operation is caused by the E-DVA configuration
          file, the E-DVA MUST ignore the SET operation, report
          'passWithWarnings' error code, and register an attempt for
          SET operation in the ErrorOidTable."
    DEFVAL {disabled}
    ::= { pktcEDVAEndPntConfigEntry 4}
-- ------------------------------------------------------------------
-- E-DVA Provisioned Loss Plan
-- Ref (PacketCable E-DVA Specification): Provisioned Loss Plan
-- ------------------------------------------------------------------
pktcEDVAPrLossProfile  OBJECT IDENTIFIER ::= { pktcEDVAObjects 7 }

-- The Provisioned Loss Plan Table
pktcEDVAPrLossTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEDVAPrLossEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " The DVA supports two provisioned loss parameters, one for
          the D/A direction (towards the subscriber) and one for A/D
          direction (from the subscriber) direction.  This data table
          represents the loss for each line provided by the E-DVA."
    ::= { pktcEDVAPrLossProfile 1 }

pktcEDVAPrLossEntry OBJECT-TYPE
    SYNTAX      PktcEDVAPrLossEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " The DVA supports two provisioned loss parameters, one for
          the D/A direction (towards the subscriber) and one for A/D
          direction (from the subscriber) direction.  This data table
          represents the loss for each line provided by the E-DVA.

          Each entry in this data table describes the loss
          for the associated line."
    INDEX  { ifIndex }
    ::= { pktcEDVAPrLossTable 1 }

PktcEDVAPrLossEntry ::=
    SEQUENCE {
              pktcEDVAPrLossDA          Integer32,
              pktcEDVAPrLossAD          Integer32
             }

pktcEDVAPrLossDA  OBJECT-TYPE
    SYNTAX      Integer32 (0..12)
    UNITS       "dB"
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This object specifies the provisioned loss parameter
          for the D/A direction (towards the subscriber) in dB.

          The E-DVA MUST implement this element per the PacketCable Residential
          SIP Telephony E-DVA Specification."
    REFERENCE "PacketCable RST E-DVA Specification"
    DEFVAL {9}
    ::= { pktcEDVAPrLossEntry 1 }

pktcEDVAPrLossAD  OBJECT-TYPE
    SYNTAX      Integer32 (0..6)
```

```
    UNITS       "dB"
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This object specifies the provisioned loss parameter
          for the A/D direction (from the subscriber)in dB.

          The E-DVA MUST implement this element per the PacketCable Residential
          SIP Telephony E-DVA Specification."
    REFERENCE "PacketCable RST E-DVA Specification"
    DEFVAL {3}
    ::= { pktcEDVAPrLossEntry 2 }

-- ---------------------------------------------------------------------
-- MWI Signal Types
-- Ref (PacketCable  E-DVA Specification): MWI Signal Types
-- ---------------------------------------------------------------------
pktcEDVAMWIProfile  OBJECT IDENTIFIER ::= { pktcEDVAObjects 8 }

pktcEDVAMWISignalTypesTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEDVAMWISignalTypesEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This table represents the Signal Types for the Message Waiting
          Indicator (MWI) generated by each line provided by the E-DVA."
    ::= { pktcEDVAMWIProfile 1 }

pktcEDVAMWISignalTypesEntry OBJECT-TYPE
    SYNTAX      PktcEDVAMWISignalTypesEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes the MWI Signal Type
          for the associated line. Each line can use any of the
          Signal types, defined by the entry, to indicate the MWI."
    INDEX  { ifIndex }
    ::= { pktcEDVAMWISignalTypesTable 1 }

PktcEDVAMWISignalTypesEntry ::=
    SEQUENCE {
              pktcEDVAMwiOnHook     INTEGER,
              pktcEDVAMwiOffHook    INTEGER
             }

pktcEDVAMwiOnHook  OBJECT-TYPE
    SYNTAX   INTEGER {
                 mwiFskInd(1),
                 mwiDtmfInd(2)
             }
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This object defines the type of the Message Waiting Indicator (MWI)
              used when the E-DVA is on-hook.

          The value of 'mwiFskInd(1)' indicates that the E-DVA MUST use
                the FSK signal for MWI as defined in PacketCable
          Residential SIP Telephony E-DVA Specification.

          The value of 'mwiDtmfInd(2)' indicates that the E-DVA MUST use
                the DTMF signal for MWI as defined in PacketCable
          Residential SIP Telephony E-DVA Specification."
    REFERENCE "PacketCable RST E-DVA Specification"
    ::= { pktcEDVAMWISignalTypesEntry 1 }

pktcEDVAMwiOffHook  OBJECT-TYPE
```

```
    SYNTAX          INTEGER {
                     mwiToneInd(1),
                     mwiAncInd(2)
                    }
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This object defines the type of the Message Waiting Indicator (MWI)
                used when the E-DVA is off-hook.

                The value of 'mwiToneInd(1)' indicates that the E-DVA MUST use
                the MWI tone on the analog port of the E-DVA when the CPE device
                is off-hook as defined in PacketCable Residential SIP Telephony
                E-DVA Specification.

                The value of 'mwiAncInd(2)' indicates that the E-DVA MUST use
                the MWI voice announcement on the analog port of the E-DVA
                when the CPE device is off-hook as defined in PacketCable
          Residential SIP Telephony E-DVA Specification."
    REFERENCE "PacketCable RST E-DVA Specification"
    ::= { pktcEDVAMWISignalTypesEntry 2 }


-- ------------------------------------------------------------------------
-- E-DVA CODEC Provisioning
-- Ref (PacketCable E-DVA Specification): E-DVA CODEC Provisioning
-- ------------------------------------------------------------------------
pktcEDVACodecProfile  OBJECT IDENTIFIER ::= { pktcEDVAObjects 9 }

pktcEDVACodecPkt  OBJECT-TYPE
    SYNTAX      Integer32 (10 | 20 |30)
    UNITS       "milliseconds"
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This object specifies the packetization period of any
          codec payload.

          The E-DVA MUST implement this element per the PacketCable Residential
          SIP Telephony E-DVA Specification."
    REFERENCE "PacketCable RST E-DVA Specification"
    DEFVAL  {20}
    ::= { pktcEDVACodecProfile 1 }

pktcEDVACodecT38  OBJECT-TYPE
    SYNTAX      TruthValue
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This object specifies whether fax relay is enabled/disabled.
          A value of 'true' (ON) enables fax relay on the E-DVA.

          The E-DVA MUST implement this element per the PacketCable Residential

          SIP Telephony E-DVA Specification."
    REFERENCE "PacketCable RST E-DVA Specification"
    DEFVAL  {true}
    ::= { pktcEDVACodecProfile 2 }

pktcEDVACodecV152  OBJECT-TYPE
    SYNTAX      TruthValue
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This object specifies whether modem relay is enabled/disable.
          A value of 'true' (ON) enables modem relay on the E-DVA.
```

```
          The E-DVA MUST implement this element per the PacketCable Residential
          SIP Telephony E-DVA Specification."
    REFERENCE "PacketCable RST E-DVA Specification"
    DEFVAL  {true}
    ::= { pktcEDVACodecProfile 3 }

pktcEDVACodecPubRepAddrType  OBJECT-TYPE
    SYNTAX      InetAddressType
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This object specifies the domain for the address
          specified in pktcEDVACodecPubRepAddr.  If the element
          pktcEDVACodecPubRepAddr contains a valid IP address,
          this element MUST be either 'ipv4(1)' or 'ipv6(2)' per
          RFC3291. "
    REFERENCE "PacketCable RST E-DVA Specification"
    ::= { pktcEDVACodecProfile 4 }

pktcEDVACodecPubRepAddr  OBJECT-TYPE
    SYNTAX      InetAddress
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This object specifies the network address that receives
          the call statistics report from the E-DVA. Publish reports must
          be sent at the end of each call if enabled.

          This address is associated with the domain specified in
          pktcEDVACodecPubRepAddrType.

          The E-DVA MUST implement this element per the PacketCable Residential
          SIP Telephony E-DVA Specification."
    REFERENCE "PacketCable RST E-DVA Specification"
    ::= { pktcEDVACodecProfile 5 }

pktcEDVACodecRTCPXR  OBJECT-TYPE
    SYNTAX      TruthValue
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This object specifies if extended reports for the sake of voice
          metrics are included within RTCP packets. A value of 'true' (ON)
          enables RTCP extended reports.

          The E-DVA MUST implement this element per the PacketCable Residential
          SIP Telephony E-DVA Specification."
    REFERENCE "PacketCable RST E-DVA Specification"
    DEFVAL  {true}
    ::= { pktcEDVACodecProfile 6 }

pktcEDVACodecRTCPRate  OBJECT-TYPE
    SYNTAX      Integer32 (0..60)
    UNITS       "seconds"
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This object specifies the interval at which RTCP packets are
          sent from the E-DVA. A value of zero for RTCP_RATE disables RTCP
          transmission.

          The E-DVA MUST implement this element per the PacketCable Residential
          SIP Telephony E-DVA Specification."
    REFERENCE "PacketCable RST E-DVA Specification"
    DEFVAL  {5}
    ::= { pktcEDVACodecProfile 7 }
```

```
-- ----------------------------------------------------------------------------
-- Announcement Types
-- ----------------------------------------------------------------------------
pktcEDVAAnnounceProfile  OBJECT IDENTIFIER ::= { pktcEDVAObjects 10 }

pktcEDVAToneIdentifier  OBJECT-TYPE
    SYNTAX      OCTET STRING
    MAX-ACCESS  read-write
    STATUS      deprecated
    DESCRIPTION
        " This MIB Object specifies the tone identifier for an E-DVA."
    REFERENCE "PacketCable RST E-DVA Specification"
    ::= { pktcEDVAAnnounceProfile 1 }

pktcEDVAAudioAnnounceId OBJECT-TYPE
    SYNTAX      OCTET STRING
    MAX-ACCESS  read-write
    STATUS      deprecated
    DESCRIPTION
        " This MIB Object specifies the audio announcement identifier
          for an E-DVA."
    REFERENCE "PacketCable RST E-DVA Specification"
    ::= { pktcEDVAAnnounceProfile 2 }

-- ----------------------------------------------------------------------------
-- Location Information Profile
-- ----------------------------------------------------------------------------
pktcEDVALocInfoProfile  OBJECT IDENTIFIER ::= { pktcEDVAObjects 11 }

pktcEDVALocationInfoPref OBJECT-TYPE
    SYNTAX PktcEUETCLocInfoType
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This object specifies the preference for the format type of
          location information (Presence Information Data Format - Location
          Object, or PIDF-LO) the UE should use in SIP messages if it gets both
          civic and geographic location information via DHCP.
          If only one format of the location information is received by a UE
          via DHCP, then UE MUST ignore this object.
          If this object element is 'locInfoCivic(1)', then the UE MUST use
          the Civic Format of the Location Information.
          If this object element is 'locInfoGeo(2)', then the UE MUST use
          the Geographic Format of the Location Information."
    REFERENCE "PacketCable RST E-DVA Specification"
    ::= { pktcEDVALocInfoProfile 1 }

pktcEDVALocationInfoType OBJECT-TYPE
    SYNTAX PktcEUETCLocInfoType
    MAX-ACCESS  read-only
    STATUS      current
    DESCRIPTION
        " This object specifies the format of the Location Information supplied
          to the UE and contained in the pktcEDVALocationInfo MIB Object.
          When the location information is delivered to the UE via DHCP,
          the value of this object is defined based on the DHCP Options.
          When the location information is delivered to the UE via
          Configuration File, the value of this object must be also delivered
          in the Configuration File.
          The value of this object can be only changed via Configuration File."
    REFERENCE "PacketCable RST E-DVA Specification"
    ::= { pktcEDVALocInfoProfile 2 }

pktcEDVALocationInfo OBJECT-TYPE
    SYNTAX PktcEUETCLocInfo
    MAX-ACCESS  read-only
    STATUS      current
```

```
    DESCRIPTION
        " This object contains the Location Information data which specifies
          the location of the UE. The information on the UE location can be
          delivered to the UE via DHCP. In this case, this object contains
          the information delivered via DHCP.

          In cases when the location information cannot be delivered  via
          DHCP, the object can be changed from the configuration file only.

          The type of the Location Information and, correspondingly, the
          format of the data in this MIB object is defined by the content
          of the pktcEDVALocationInfoType MIB Object.

          For privacy reasons the UE MUST make not visible the
          pktcEDVALocInfoProfile oid sub-tree in any UE predefined SNMP view
          name. A Manager interested on exposing this object can toggle the
          inclusion of this subtree via configuration."
    REFERENCE "PacketCable RST E-DVA Specification"
    ::= { pktcEDVALocInfoProfile 3 }


-- ---------------------------------------------------------------------
-- Conformance Information
-- ---------------------------------------------------------------------

-- Compliance Statements
pktcEDVACompliance MODULE-COMPLIANCE
    STATUS      current
    DESCRIPTION
            "The compliance statement for implementations of the EDVA MIB."

    MODULE   -- This module
        MANDATORY-GROUPS {
               pktcEDVAProfileGroup,
               pktcEDVAGroup
        }

    MODULE   PKTC-EN-SIG-MIB  -- Group of the MIB Objects from PC1.5 MIB Module
       MANDATORY-GROUPS {
               pktcEnNcsLVMgmtGroup,
               pktcEnNcsGroup
        }


  OBJECT  pktcEnNcsEndPntQuarantineState
  MIN-ACCESS  not-accessible
  DESCRIPTION
      " Object not applicable for the eUE."

  OBJECT  pktcEnNcsEndPntHookState
  MIN-ACCESS  not-accessible
  DESCRIPTION
      " Object not applicable for the eUE."

  OBJECT  pktcEnNcsEndPntFaxDetection
  MIN-ACCESS  not-accessible
  DESCRIPTION
      " Object not applicable for the eUE."

    ::= { pktcEDVACompliances 1 }

pktcEDVADeprecatedCompliance MODULE-COMPLIANCE
    STATUS      deprecated
    DESCRIPTION
            "The compliance statement for deprecated objects
             of the EDVA MIB."
```

```
    MODULE   -- This module
        MANDATORY-GROUPS {
               pktcEDVADeprecatedGroup
        }

    ::= { pktcEDVACompliances 2 }

pktcEDVAProfileGroup OBJECT-GROUP
      OBJECTS {
         pktcEDVAProfileVersion
      }
      STATUS  current
      DESCRIPTION
            "The eUE RST Profile Group."
      ::= { pktcEDVAGroups 1}

pktcEDVAGroup OBJECT-GROUP
      OBJECTS {
         pktcEDVALineNumberCount,
         pktcEDVANetDisc,
         pktcEDVAAnsSup,
         pktcEDVADtmfRelay,
         pktcEDVAPrLossDA,
         pktcEDVAPrLossAD,
         pktcEDVAMwiOnHook,
         pktcEDVAMwiOffHook,
         pktcEDVACodecPkt,
         pktcEDVACodecT38,
         pktcEDVACodecV152,
         pktcEDVACodecPubRepAddrType,
         pktcEDVACodecPubRepAddr,
         pktcEDVACodecRTCPXR,
         pktcEDVACodecRTCPRate,
         pktcEDVALocationInfoPref,
         pktcEDVALocationInfoType,
         pktcEDVALocationInfo,
         pktcEDVAEndPntDtmfMinPlayout,
         pktcEDVAEndPntHookState,
         pktcEDVAEndPntFaxDetection,
         pktcEDVAEndPntQosPreconditions
      }
      STATUS  current
      DESCRIPTION
            "The E-DVA Group."
      ::= { pktcEDVAGroups 2}

pktcEDVADeprecatedGroup OBJECT-GROUP
      OBJECTS {
         pktcEDVAToneIdentifier,
         pktcEDVAAudioAnnounceId
      }
      STATUS  deprecated
      DESCRIPTION
            "The E-DVA Group of deprecated objects."
      ::= { pktcEDVAGroups 3}


END
```

Appendix I Acknowledgements

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Eduardo Cardona and the PacketCable Architects, CableLabs, Inc.

Appendix II Revision History

The following Engineering Change Notices were incorporated into PKT-SP-RST-EUE-PROV-I02-080710.

ECN	Date Accepted	Summary
RST-EUE-PROV-N-08.0506-5	5/27/2008	Updates to the EUE-EDVA MIB
RST-EUE-PROV-N-08.0525-5	5/27/2008	RST EUE MIB Alignment with PacketCable 1.5

The following Engineering Change Notices were incorporated into PKT-SP-RST-EUE-PROV-I03-090528.

ECN	Date Accepted	Summary
RST-EUE-PROV-N-08.0529-5	12/8/2008	Updates to the RST EUE MIBs
RST-EUE-PROV-N-09.0558-3	4/27/2009	Additions and clarifications to RST-EUE-PROV requirements

The following Engineering Change Notices were incorporated into PKT-SP-RST-EUE-PROV-I04-100120.

ECN	Date Accepted	Summary
RST-EUE-PROV-N-09.0607-3	11/30/2009	Clarifications on QoS Preconditions
RST-EUE-PROV-N-09.0608-4	12/14/2009	Enhancements and Clarifications for the RST Provisioning specification

The following Engineering Change Notice was incorporated into PKT-SP-RST-EUE-PROV-I05-100527.

ECN	Date Accepted	Summary
RST-EUE-PROV-N-10.0630-3	4/26/2010	Updates to Speed Dial Local Map configuration

The following Engineering Change Notice was incorporated into PKT-SP-RST-EUE-PROV-I06-110127.

ECN	Date Accepted	Summary
RST-EUE-PROV-N-10.0653-4	1/4/2011	Provisioning impact to diverse number of RST-F

The following Engineering Change Notice was incorporated into PKT-SP-RST-EUE-PROV-I07-120412.

ECN	Date Accepted	Summary
RST-EUE-PROV-N-12.0675-2	3/5/12	MIB Object to control EUE Call Transfer Logic

The following Engineering Change Notices were incorporated into PKT-SP-RST-EUE-PROV-I08-121030.

ECN	Date Accepted	Summary
RST-EUE-PROV-N-12.0687-1	7/16/2012	Compliance of CL-PKTC-EUE-RST-MIB Module with European requirements
RST-EUE-PROV-N-12.0688-2	8/13/2012	Plan Loss Configuration updates in RST-EUE-PROV