



# Cisco TP Measurement MIB

---

This chapter describes the Cisco TP Measurement MIBs and identifies the time measurement component MIBs.

## Measurement-MIB Definitions

The Cisco Measurement MIB definitions are:

- [Imports, page 3-1](#)
- [Measurement-MIB Definitions, page 3-1](#)
  - [TDM Interface Measurements Table, page 3-2](#)
  - [TDM Link Measurements Table, page 3-4](#)
  - [Auxiliary Signal Service Measurements Table, page 3-10](#)
  - [Signaling Service Measurements Table, page 3-12](#)
  - [SS7 Signaling Link Measurements Table, page 3-15](#)
  - [SS7 Signaling Service Measurements Table, page 3-18](#)
  - [ISDN PRI Link Measurements Table, page 3-19](#)
  - [SS7 ANSI ISUP Signal Service Measurements Table, page 3-21](#)
  - [SS7 ITU TUP Measurements Table, page 3-48](#)
  - [SSU ITU NUP Table, page 3-84](#)
  - [OVL State Table, page 3-86](#)
  - [SystemStat Table, page 3-88](#)
  - [TCAP Table, page 3-96](#)
  - [SCCP Table, page 3-103](#)
  - [CALL Table, page 3-106](#)

## Imports

MODULE-IDENTITY, OBJECT-TYPE,  
Counter32, Gauge32, Integer32, TimeTicks FROM SNMPv2-SMI

```

MODULE-COMPLIANCE, OBJECT-GROUP          FROM SNMPv2-CONF
TEXTUAL-CONVENTION, DisplayString,
DateAndTime                               FROM SNMPv2-TC
tpMeasurement, tpComponentId FROM CISCO-TRANSPATH-MIB;

```

## Measurement MIB Objects

```

ciscoTPMeasurementMIB MODULE-IDENTITY
DESCRIPTION

```

### TDM Interface Measurements Table

```

tpTDMIfStatTable OBJECT-TYPE
    SYNTAX SEQUENCE OF TpTDMIfStatTableEntry
    MAX-ACCESS not-accessible
    STATUS current
    DESCRIPTION

```

This table defines line interface statistics.

```
 ::= { tpMeasurement 2 }
```

```

tpTDMIfStatTableEntry OBJECT-TYPE
    SYNTAX TpTDMIfStatTableEntry
    MAX-ACCESS not-accessible
    STATUS current
    DESCRIPTION

```

This table defines line interface statistics

```
INDEX { tpComponentId, tpTDMIfCollectTimeInterval }
```

```
 ::= { tpTDMIfStatTable 1 }
```

```
TpTDMIfStatTableEntry ::=
```

```
SEQUENCE
```

```
{
```

```
    tpTDMIfCollectTimeInterval
```

```
        Counter32,
```

```
    tpTDMIfCollectTime
```

```
        TimeTicks,
```

```
    tpTDMIfSevereErrorSec
```

```
        Counter32,
```

```
    tpTDMIfErrorSec
```

```

        Counter32,
        tpTDMIfCodeViolation
        Counter32,
        tpTDMIfFrameSlip
        Counter32
    }
tpTDMIfCollectTimeInterval OBJECT-TYPE

```

```

    SYNTAX Counter32
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION

```

This object shows measurement time interval seconds.

```
 ::= { tpTDMIfStatTableEntry 1 }
```

```
tpTDMIfCollectTime OBJECT-TYPE

```

```

    SYNTAX TimeTicks
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION

```

This object shows the time measurement is taken

```
 ::= { tpTDMIfStatTableEntry 2 }
```

```
tpTDMIfSevereErrorSec OBJECT-TYPE

```

```

    SYNTAX Counter32
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION

```

This object shows the severely error second of line interface during the most recent collection interval.

```
 ::= { tpTDMIfStatTableEntry 3 }
```

```
tpTDMIfErrorSec OBJECT-TYPE

```

```

    SYNTAX Counter32
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION

```

This object shows the error second of line interface during the most recent collection interval. It is not collected on the ITK card.

```
 ::= { tpTDMIfStatTableEntry 4 }
```

tpTDMIfCodeViolation OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“this object shows the coding violation of line interface during the most recent collection interval. It is not collected on the ITK card.”

::= {tpTDMIfStatTableEntry 5}

tpTDMIfFrameSlip OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

This object shows the frame slip of line interface during the most recent collection interval. It is not collected on the ITK card.

::= {tpTDMIfStatTableEntry 6}

## TDM Link Measurements Table

tpTDMLinkStatTable OBJECT-TYPE

SYNTAX SEQUENCE OF TpTDMLinkStatTableEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

This table defines signal channel statistics”

::= {tpMeasurement 3}

tpTDMLinkStatTableEntry OBJECT-TYPE

SYNTAX TpTDMLinkStatTableEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

This table defines signal channel statistics”

INDEX {tpComponentId,tpTDMLinkCollectTimeInterval}

::= {tpTDMLinkStatTable 1}

```

TpTDMLinkStatTableEntry ::=
SEQUENCE
{
    tpTDMLinkCollectTimeInterval
        Counter32,
    tpTDMLinkCollectTime
        TimeTicks,
    tpTDMLinkXmitFrame
        Counter32,
    tpTDMLinkRcvFrame
        Counter32,
    tpTDMLinkRcvBadCRC
        Counter32,
    tpTDMLinkRcvBadFrame
        Counter32,
    tpTDMLinkRcvBadFRMR
        Counter32,
    tpTDMLinkRcvRESET
        Counter32
}

```

tpTDMLinkCollectTimeInterval OBJECT-TYPE

```

SYNTAX Counter32
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "This object shows measurement time interval seconds"
::= { tpTDMLinkStatTableEntry 1 }

```

tpTDMLinkCollectTime OBJECT-TYPE

```

SYNTAX TimeTicks
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "This object shows the time measurement is taken"
::= { tpTDMLinkStatTableEntry 2 }

```

tpTDMLinkXmitFrame OBJECT-TYPE

SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows the total frame transmitted during the most recent collection interval.”  
 ::= { tpTDMLinkStatTableEntry 3 }

tpTDMLinkRcvFrame OBJECT-TYPE

SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows the total frame received during the most recent collection interval.”  
 ::= { tpTDMLinkStatTableEntry 4 }

tpTDMLinkRcvBadCRC OBJECT-TYPE

SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows the total received badCRC frames during the most recent collection interval.”  
 ::= { tpTDMLinkStatTableEntry 5 }

tpTDMLinkRcvBadFrame OBJECT-TYPE

SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows the total bad frames during the most recent collection interval.”  
 ::= { tpTDMLinkStatTableEntry 6 }

tpTDMLinkRcvBadFRMR OBJECT-TYPE

SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows the total bad FRMR during the most recent collection interval.”  
 ::= { tpTDMLinkStatTableEntry 7 }

tpTDMLinkRcvRESET OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the total RESET during the most recent collection interval.”

::= {tpTDMLinkStatTableEntry 8}

## TDM Adapter Measurements Table

tpTDMAdapterStatTable OBJECT-TYPE

SYNTAX SEQUENCE OF TpTDMAdapterStatTableEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

“This table defines data link statistics”

::= {tpMeasurement 4}

tpTDMAdapterStatTableEntry OBJECT-TYPE

SYNTAX TpTDMAdapterStatTableEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

“This table defines data link statistics”

INDEX {tpComponentId,tpTDMAdapterCollectTimeInterval}

::= {tpTDMAdapterStatTable 1}

TpTDMAdapterStatTableEntry ::=

SEQUENCE

{

tpTDMAdapterCollectTimeInterval

Counter32,

tpTDMAdapterCollectTime

TimeTicks,

tpTDMAdapterRcvUnsolicited

Counter32,

tpTDMAdapterRcvSABME

```

        Counter32,
    tpTDMAadapterXmitT200
        Counter32,
    tpTDMAadapterRcvBadSeq
        Counter32,
    tpTDMAadapterRcvBadResp
        Counter32,
    tpTDMAadapterRcvBadSize
        Counter32,
    tpTDMAadapterRcvSABMR
        Counter32
}

```

tpTDMAadapterCollectTimeInterval OBJECT-TYPE

```

SYNTAX Counter32
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "This object shows measurement time interval seconds"
 ::= { tpTDMAadapterStatTableEntry 1 }

```

tpTDMAadapterCollectTime OBJECT-TYPE

```

SYNTAX TimeTicks
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "This object shows the time measurement is taken"
 ::= { tpTDMAadapterStatTableEntry 2 }

```

tpTDMAadapterRcvUnsolicited OBJECT-TYPE

```

SYNTAX Counter32
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "This object shows the occurrences of unsolicited frames received on data link during the most
    recent collection interval."
 ::= { tpTDMAadapterStatTableEntry 3 }

```

**tpTDMAdapterRcvSABME OBJECT-TYPE**

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

**DESCRIPTION**

“This object shows the occurrences of SABME rcv on this data link during the most recent collection interval.”

::= {tpTDMAdapterStatTableEntry 4}

**tpTDMAdapterXmitT200 OBJECT-TYPE**

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

**DESCRIPTION**

“This object shows the occurrences of T200 expires on data link during the most recent collection interval.”

::= {tpTDMAdapterStatTableEntry 5}

**tpTDMAdapterRcvBadSeq OBJECT-TYPE**

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

**DESCRIPTION**

“This object shows the occurrences of bad N(R) frames during the most recent collection interval.”

::= {tpTDMAdapterStatTableEntry 6}

**tpTDMAdapterRcvBadResp OBJECT-TYPE**

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

**DESCRIPTION**

“This object shows occurrences of the bad frame responses during the most recent collection interval.”

::= {tpTDMAdapterStatTableEntry 7}

**tpTDMAdapterRcvBadSize OBJECT-TYPE**

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of bad frame size during the most recent collection interval.”

::= {tpTDMAAdapterStatTableEntry 8}

tpTDMAAdapterRcvSABMR OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of DPNSS SABMR rcvd during the most recent collection interval.”

::= {tpTDMAAdapterStatTableEntry 9}

## Auxiliary Signal Service Measurements Table

tpAuxSigServiceStatTable OBJECT-TYPE

SYNTAX SEQUENCE OF TpAuxSigServiceStatTableEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

“This table defines auxiliary signal path statistics”

::= {tpMeasurement 5}

tpAuxSigServiceStatTableEntry OBJECT-TYPE

SYNTAX TpAuxSigServiceStatTableEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

“This table defines auxiliary signal path statistics”

INDEX {tpComponentId,tpASPCollectTimeInterval}

::= {tpAuxSigServiceStatTable 1}

TpAuxSigServiceStatTableEntry ::=

SEQUENCE

{

tpASPCollectTimeInterval

Counter32,

```

    tpASPCollectTime
        TimeTicks,
    tpASPXmitMSG
        Counter32,
    tpASPRcvMSG
        Counter32,
    tpASPRcvConnReq
        Counter32
}

```

tpASPCollectTimeInterval OBJECT-TYPE

```

SYNTAX Counter32
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "This object shows measurement time interval seconds"
 ::= { tpAuxSigServiceStatTableEntry 1 }

```

tpASPCollectTime OBJECT-TYPE

```

SYNTAX TimeTicks
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "This object shows measurement time"
 ::= { tpAuxSigServiceStatTableEntry 2 }

```

tpASPXmitMSG OBJECT-TYPE

```

SYNTAX Counter32
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "This object shows messages xmitted on auxiliary signal path during the most recent collection
interval."
 ::= { tpAuxSigServiceStatTableEntry 3 }

```

tpASPRcvMSG OBJECT-TYPE

```

SYNTAX Counter32
MAX-ACCESS read-only
STATUS current

```

## DESCRIPTION

“This object shows messages received on auxiliary signal path during the most recent collection interval.”

::= {tpAuxSigServiceStatTableEntry 4}

tpASPRcvConnReq OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows number of call init messages on auxiliary signal path”

::= {tpAuxSigServiceStatTableEntry 5}

## Signaling Service Measurements Table

tpSigServiceStatTable OBJECT-TYPE

SYNTAX SEQUENCE OF TpSigServiceStatTableEntry

MAX-ACCESS not-accessible

STATUS current

## DESCRIPTION

“This table defines Signaling Service statistics”

::= {tpMeasurement 6}

tpSigServiceStatTableEntry OBJECT-TYPE

SYNTAX TpSigServiceStatTableEntry

MAX-ACCESS not-accessible

STATUS current

## DESCRIPTION

“This table defines Signaling Service statistics”

INDEX {tpComponentId,tpSigServiceCollectTimeInterval}

::= {tpSigServiceStatTable 1}

TpSigServiceStatTableEntry ::=

SEQUENCE

{

tpSigServiceCollectTimeInterval

Counter32,

tpSigServiceCollectTime

```

    TimeTicks,
    tpSigServiceRcvCallInitMSG
    Counter32,
    tpSigServiceXmitCallInitMSG
    Counter32,
    tpSigServicePDUIn
    Counter32,
    tpSigServicePDUOut
    Counter32,
    tpSigServiceBLThrhdCtr
    Counter32,
    tpSigServiceCOTFailure
    Counter32
}

```

tpSigServiceCollectTimeInterval OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement time interval seconds.”

::= {tpSigServiceStatTableEntry 1}

tpSigServiceCollectTime OBJECT-TYPE

SYNTAX TimeTicks

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows Signaling Service measurement time.”

::= {tpSigServiceStatTableEntry 2}

tpSigServiceRcvCallInitMSG OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows number call init messages received during the most recent collection interval.”

::= {tpSigServiceStatTableEntry 3}

**tpSigServiceXmitCallInitMSG OBJECT-TYPE**

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows number call init messages xmit out during the most recent collection interval.”

::= {tpSigServiceStatTableEntry 4}

**tpSigServicePDUIn OBJECT-TYPE**

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows number of messages received during the most recent collection interval.”

::= {tpSigServiceStatTableEntry 5}

**tpSigServicePDUOut OBJECT-TYPE**

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the number of messages xmit out during the most recent collection interval.”

::= {tpSigServiceStatTableEntry 6}

**tpSigServiceBLThrhdCtr OBJECT-TYPE**

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the number of Blacklist threshold counter during the most recent collection interval.”

::= {tpSigServiceStatTableEntry 7}

**tpSigServiceCOTFailure OBJECT-TYPE**

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows the number of Cot failures during the most recent collection interval.”

::= {tpSigServiceStatTableEntry 8}

## SS7 Signaling Link Measurements Table

tpSS7LinkStatTable OBJECT-TYPE

SYNTAX SEQUENCE OF TpSS7LinkStatTableEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

“This table defines SS7Link statistics”

::= {tpMeasurement 7}

tpSS7LinkStatTableEntry OBJECT-TYPE

SYNTAX TpSS7LinkStatTableEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

“This table defines SS7Link statistics”

INDEX {tpComponentId,tpSS7LinkCollectTimeInterval}

::= {tpSS7LinkStatTable 1}

TpSS7LinkStatTableEntry ::=

SEQUENCE

{

tpSS7LinkCollectTimeInterval

Counter32,

tpSS7LinkCollectTime

TimeTicks,

tpSS7LinkRcvSUErr

Counter32,

tpSS7LinkXmitSIOTot

Counter32,

tpSS7LinkRcvSIOTot

Counter32,

tpSS7LinkDurIS

Counter32,

```

tpSS7LinkDurUnavail
  Counter32,
tpSS7LinkMessageDropCongest
  Counter32
}

```

tpSS7LinkCollectTimeInterval OBJECT-TYPE

```

SYNTAX Counter32
MAX-ACCESS read-only
STATUS current
DESCRIPTION
  "This object shows measurement time interval seconds."
 ::= { tpSS7LinkStatTableEntry 1 }

```

tpSS7LinkCollectTime OBJECT-TYPE

```

SYNTAX TimeTicks
MAX-ACCESS read-only
STATUS current
DESCRIPTION
  "This object shows measurement time."
 ::= { tpSS7LinkStatTableEntry 2 }

```

tpSS7LinkRcvSUErr OBJECT-TYPE

```

SYNTAX Counter32
MAX-ACCESS read-only
STATUS current
DESCRIPTION
  "This object shows occurrences of signaling units rcv total during the most recent collection
interval."
 ::= { tpSS7LinkStatTableEntry 3 }

```

tpSS7LinkXmitSIOTot OBJECT-TYPE

```

SYNTAX Counter32
MAX-ACCESS read-only
STATUS current
DESCRIPTION
  "This object shows occurrences of link signaling nits rcv total during the most recent collection
interval."

```

::= { tpSS7LinkStatTableEntry 4 }

tpSS7LinkRcvSIOTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of link realignment (SIF/SIO) tot during the most recent collection interval.”

::= { tpSS7LinkStatTableEntry 5 }

tpSS7LinkDurIS OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows seconds of c7 link duration in-service during the most recent collection interval.”

::= { tpSS7LinkStatTableEntry 6 }

tpSS7LinkDurUnavail OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows seconds of duration unavailable during the most recent collection interval.”

::= { tpSS7LinkStatTableEntry 7 }

tpSS7LinkMessageDropCongest OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows count of messages dropped due to congestion total during the most recent collection interval.”

::= { tpSS7LinkStatTableEntry 8 }

## SS7 Signaling Service Measurements Table

tpSS7SigServiceStatTable OBJECT-TYPE  
 SYNTAX SEQUENCE OF TpSS7SigServiceStatTableEntry  
 MAX-ACCESS not-accessible  
 STATUS current  
 DESCRIPTION  
 “This table defines SS7 SignalPath statistics”  
 ::= { tpMeasurement 8 }

tpSS7SigServiceStatTableEntry OBJECT-TYPE  
 SYNTAX TpSS7SigServiceStatTableEntry  
 MAX-ACCESS not-accessible  
 STATUS current  
 DESCRIPTION  
 “This table defines SS7 SP statistics”  
 INDEX { tpComponentId, tpSS7SigServiceCollectTimeInterval }  
 ::= { tpSS7SigServiceStatTable 1 }

TpSS7SigServiceStatTableEntry ::=

```
SEQUENCE
{
  tpSS7SigServiceCollectTimeInterval
    Counter32,
  tpSS7SigServiceCollectTime
    TimeTicks,
  tpSS7SigServiceDurUnavail
    Counter32,
  tpSS7SigServiceXmitMessageDropRTE
    Counter32
}
```

tpSS7SigServiceCollectTimeInterval OBJECT-TYPE  
 SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows measurement time interval seconds.”

::= {tpSS7SigServiceStatTableEntry 1}

tpSS7SigServiceCollectTime OBJECT-TYPE

SYNTAX TimeTicks

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement time.”

::= {tpSS7SigServiceStatTableEntry 2}

tpSS7SigServiceDurUnavail OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows SP duration unavailable during the most recent collection interval.”

::= {tpSS7SigServiceStatTableEntry 3}

tpSS7SigServiceXmitMessageDropRTE OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows xmitted messages dropped due to routing failure during the most recent collection interval.”

::= {tpSS7SigServiceStatTableEntry 4}

## ISDN PRI Link Measurements Table

tpPRILinkStatTable OBJECT-TYPE

SYNTAX SEQUENCE OF TpPRILinkStatTableEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

“This table defines ISDN PRI Link statistics”

::= {tpMeasurement 9}

tpPRILinkStatTableEntry OBJECT-TYPE

SYNTAX TpPRILinkStatTableEntry

MAX-ACCESS not-accessible  
 STATUS current  
 DESCRIPTION  
   “This table defines PRI Link statistics”  
 INDEX { tpComponentId,tpPRILinkCollectTimeInterval}  
 ::= { tpPRILinkStatTable 1 }

TpPRILinkStatTableEntry ::=  
 SEQUENCE  
 {  
   tpPRILinkCollectTimeInterval  
     Counter32,  
   tpPRILinkCollectTime  
     TimeTicks,  
   tpPRILinkChanMateUnavailable  
     Counter32  
 }

tpPRILinkCollectTimeInterval OBJECT-TYPE  
 SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
   “This object shows measurement time interval seconds.”  
 ::= { tpPRILinkStatTableEntry 1 }

tpPRILinkCollectTime OBJECT-TYPE  
 SYNTAX TimeTicks  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
   “This object shows measurement time.”  
 ::= { tpPRILinkStatTableEntry 2 }

tpPRILinkChanMateUnavailable OBJECT-TYPE  
 SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current

## DESCRIPTION

“This object shows the occurrences of ISDN PRI link channel mate unavail during the most recent collection interval.”

::= {tpPRILinkStatTableEntry 3}

## SS7 ANSI ISUP Signal Service Measurements Table

tpISUPSigServiceStatTable OBJECT-TYPE

SYNTAX SEQUENCE OF TpISUPSigServiceStatTableEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

“This table defines ISUP statistics”

::= {tpMeasurement 10}

tpISUPSigServiceStatTableEntry OBJECT-TYPE

SYNTAX TpISUPSigServiceStatTableEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

“This table defines ISUP statistics”

INDEX {tpComponentId,tpISUPSigServiceCollectTimeInterval}

::= {tpISUPSigServiceStatTable 1}

TpISUPSigServiceStatTableEntry ::=

SEQUENCE

{

tpISUPSigServiceCollectTimeInterval

Counter32,

tpISUPSigServiceCollectTime

TimeTicks,

tpISUPSigServiceXmitMsgTot

Counter32,

tpISUPSigServiceRcvMsgTot

Counter32,

tpISUPSigServiceXmitACMTot

Counter32,

tpISUPSigServiceRcvACMTot

Counter32,  
tpISUPSigServiceXmitANMTot  
Counter32,  
tpISUPSigServiceRcvANMTot  
Counter32,  
tpISUPSigServiceXmitBLOTot  
Counter32,  
tpISUPSigServiceRcvBLOTot  
Counter32,  
tpISUPSigServiceXmitBLATot  
Counter32,  
tpISUPSigServiceRcvBLATot  
Counter32,  
tpISUPSigServiceXmitCPGTot  
Counter32,  
tpISUPSigServiceRcvCPGTot  
Counter32,  
tpISUPSigServiceXmitCGBTot  
Counter32,  
tpISUPSigServiceRcvCGBTot  
Counter32,  
tpISUPSigServiceXmitCGBATot  
Counter32,  
tpISUPSigServiceRcvCGBATot  
Counter32,  
tpISUPSigServiceXmitGRSTot  
Counter32,  
tpISUPSigServiceRcvGRSTot  
Counter32,  
tpISUPSigServiceXmitGRATot  
Counter32,  
tpISUPSigServiceRcvGRATot  
Counter32,  
tpISUPSigServiceXmitCGUTot  
Counter32,  
tpISUPSigServiceRcvCGUTot  
Counter32,  
tpISUPSigServiceXmitCGUATot

Counter32,  
tpISUPSigServiceRcvCGUATot  
Counter32,  
tpISUPSigServiceXmitCFNTot  
Counter32,  
tpISUPSigServiceRcvCFNTot  
Counter32,  
tpISUPSigServiceXmitCONTot  
Counter32,  
tpISUPSigServiceRcvCONTot  
Counter32,  
tpISUPSigServiceXmitIAMTot  
Counter32,  
tpISUPSigServiceRcvIAMTot  
Counter32,  
tpISUPSigServiceXmitINFTot  
Counter32,  
tpISUPSigServiceRcvINFTot  
Counter32,  
tpISUPSigServiceXmitINRTot  
Counter32,  
tpISUPSigServiceRcvINRTot  
Counter32,  
tpISUPSigServiceXmitRELTot  
Counter32,  
tpISUPSigServiceRcvRELTot  
Counter32,  
tpISUPSigServiceXmitRLCTot  
Counter32,  
tpISUPSigServiceRcvRLCTot  
Counter32,  
tpISUPSigServiceXmitRSCTot  
Counter32,  
tpISUPSigServiceRcvRSCTot  
Counter32,  
tpISUPSigServiceXmitRESTot  
Counter32,  
tpISUPSigServiceRcvRESTot

Counter32,  
tpISUPSigServiceXmitSAMTot  
Counter32,  
tpISUPSigServiceRcvSAMTot  
Counter32,  
tpISUPSigServiceXmitSUSTot  
Counter32,  
tpISUPSigServiceRcvSUSTot  
Counter32,  
tpISUPSigServiceXmitUBLTot  
Counter32,  
tpISUPSigServiceRcvUBLTot  
Counter32,  
tpISUPSigServiceXmitUBATot  
Counter32,  
tpISUPSigServiceRcvUBATot  
Counter32,  
tpISUPSigServiceXmitUSRTot  
Counter32,  
tpISUPSigServiceRcvUSRTot  
Counter32,  
tpISUPSigServiceXmitCCRTot  
Counter32,  
tpISUPSigServiceRcvCCRTot  
Counter32,  
tpISUPSigServiceXmitCOTTot  
Counter32,  
tpISUPSigServiceRcvCOTTot  
Counter32,  
tpISUPSigServiceXmitCQMTot  
Counter32,  
tpISUPSigServiceRcvCQMTot  
Counter32,  
tpISUPSigServiceXmitCQRTot  
Counter32,  
tpISUPSigServiceRcvCQRTot  
Counter32,  
tpISUPSigServiceXmitCRATot

Counter32,  
tpISUPSigServiceRcvCRATot  
Counter32,  
tpISUPSigServiceXmitCRMTot  
Counter32,  
tpISUPSigServiceRcvCRMTot  
Counter32,  
tpISUPSigServiceXmitCVRTot  
Counter32,  
tpISUPSigServiceRcvCVRTot  
Counter32,  
tpISUPSigServiceXmitCVTTot  
Counter32,  
tpISUPSigServiceRcvCVTTot  
Counter32,  
tpISUPSigServiceXmitEXMTot  
Counter32,  
tpISUPSigServiceRcvEXMTot  
Counter32,  
tpISUPSigServiceXmitFACTot  
Counter32,  
tpISUPSigServiceRcvFACTot  
Counter32,  
tpISUPSigServiceXmitFOTTot  
Counter32,  
tpISUPSigServiceRcvFOTTot  
Counter32,  
tpISUPSigServiceXmitLPATot  
Counter32,  
tpISUPSigServiceRcvLPATot  
Counter32,  
tpISUPSigServiceXmitPAMTot  
Counter32,  
tpISUPSigServiceRcvPAMTot  
Counter32,  
tpISUPSigServiceXmitUCICTot  
Counter32,  
tpISUPSigServiceRcvUCICTot

```

        Counter32,
tpISUPSigServiceXmitFAATot
        Counter32,
tpISUPSigServiceRcvFAATot
        Counter32,
tpISUPSigServiceXmitFADTot
        Counter32,
tpISUPSigServiceRcvFADTot
        Counter32,
tpISUPSigServiceXmitFARTot
        Counter32,
tpISUPSigServiceRcvFARTot
        Counter32,
tpISUPSigServiceXmitFRJTot
        Counter32,
tpISUPSigServiceRcvFRJTot
        Counter32,
tpISUPSigServiceXmitSGMTot
        Counter32,
tpISUPSigServiceRcvSGMTot
        Counter32,
tpISUPSigServiceXmitMPMTot
        Counter32,
tpISUPSigServiceRcvMPMTot
        Counter32,
tpISUPSigServiceABNRelTot
        Counter32,
tpISUPSigServiceUNEXMSGTot
        Counter32,
tpISUPSigServiceUNRECMSTot
        Counter32,
tpISUPSigServiceCHANMateUnvailTot
        Counter32,
tpISUPAOCTot
        Counter32
    }

tpISUPSigServiceCollectTimeInterval OBJECT-TYPE

```

SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
    “This object shows measurement time interval seconds.”  
 ::= { tpISUPSigServiceStatTableEntry 1 }

tpISUPSigServiceCollectTime OBJECT-TYPE

SYNTAX TimeTicks  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
    “This object shows measurement time.”  
 ::= { tpISUPSigServiceStatTableEntry 2 }

tpISUPSigServiceXmitMsgTot OBJECT-TYPE

SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
    “This object shows occurrences of message xmitted total during the most recent collection interval.”  
 ::= { tpISUPSigServiceStatTableEntry 3 }

tpISUPSigServiceRcvMsgTot OBJECT-TYPE

SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
    “This object shows occurrences of message rec total during the most recent collection interval.”  
 ::= { tpISUPSigServiceStatTableEntry 4 }

tpISUPSigServiceXmitACMTot OBJECT-TYPE

SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
    “This object shows occurrences of message ACM xmitted total during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 5}

tpISUPSigServiceRcvACMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message ACM rev total during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 6}

tpISUPSigServiceXmitANMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message ANM total during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 7}

tpISUPSigServiceRcvANMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message ANM total during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 8}

tpISUPSigServiceXmitBLOTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of BLO message total during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 9}

tpISUPSigServiceRcvBLOTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message BLO received total during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 10}

tpISUPSigServiceXmitBLATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message BLA total during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 11}

tpISUPSigServiceRcvBLATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message BLA during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 12}

tpISUPSigServiceXmitCPGTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message CPG xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 13}

tpISUPSigServiceRcvCPGTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message CPG received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 14}

tpISUPSigServiceXmitCGBTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message CGB xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 15}

tpISUPSigServiceRcvCGBTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message CGB received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 16}

tpISUPSigServiceXmitCGBATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message CGB xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 17}

tpISUPSigServiceRcvCGBATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message CGB received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 18}

tpISUPSigServiceXmitGRSTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message GRS xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 19}

tpISUPSigServiceRcvGRSTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message GRS received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 20}

tpISUPSigServiceXmitGRATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message GRA xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 21}

tpISUPSigServiceRcvGRATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message GRA received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 22}

tpISUPSigServiceXmitCGUTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message CGU xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 23}

tpISUPSigServiceRcvCGUTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message CGU received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 24}

tpISUPSigServiceXmitCGUATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message CGUA xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 25}

tpISUPSigServiceRcvCGUATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message CGUA received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 26}

tpISUPSigServiceXmitCFNTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message CFN xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 27}

tpISUPSigServiceRcvCFNTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message CFN received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 28}

tpISUPSigServiceXmitCONTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message CON xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 29}

tpISUPSigServiceRcvCONTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message CON received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 30}

tpISUPSigServiceXmitIAMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message IAM xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 31}

tpISUPSigServiceRcvIAMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message IAM received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 32}

tpISUPSigServiceXmitINFToT OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message INF xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 33}

tpISUPSigServiceRcvINFToT OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message INF received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 34}

tpISUPSigServiceXmitINRTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message INR xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 35}

tpISUPSigServiceRcvINRTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message INR received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 36}

tpISUPSigServiceXmitRELTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message REL xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 37}

tpISUPSigServiceRcvRELTot OBJECT-TYPE

SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
“This object shows occurrences of message REL received during the most recent collection interval.”  
 ::= { tpISUPSigServiceStatTableEntry 38 }

tpISUPSigServiceXmitRLCTot OBJECT-TYPE

SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
“This object shows occurrences of message RLC xmitted during the most recent collection interval.”  
 ::= { tpISUPSigServiceStatTableEntry 39 }

tpISUPSigServiceRcvRLCTot OBJECT-TYPE

SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
“This object shows occurrences of message RLC received during the most recent collection interval.”  
 ::= { tpISUPSigServiceStatTableEntry 40 }

tpISUPSigServiceXmitRSCTot OBJECT-TYPE

SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
“This object shows occurrences of message RSC xmitted during the most recent collection interval.”  
 ::= { tpISUPSigServiceStatTableEntry 41 }

tpISUPSigServiceRcvRSCTot OBJECT-TYPE

SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
“This object shows occurrences of message RSC received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 42}

tpISUPSigServiceXmitREStot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message RES xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 43}

tpISUPSigServiceRcvREStot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message RES received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 44}

tpISUPSigServiceXmitSAMtot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message SAM xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 45}

tpISUPSigServiceRcvSAMtot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message SAM received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 46}

tpISUPSigServiceXmitSUSTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message SUS xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 47}

tpISUPSigServiceRcvSUSTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message SUS received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 48}

tpISUPSigServiceXmitUBLTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message UBL xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 49}

tpISUPSigServiceRcvUBLTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message UBL received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 50}

tpISUPSigServiceXmitUBATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message UBA xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 51}

tpISUPSigServiceRcvUBATot OBJECT-TYPE

SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows occurrences of message UBA received during the most recent collection interval.”  
 ::= { tpISUPSigServiceStatTableEntry 52 }

tpISUPSigServiceXmitUSRTot OBJECT-TYPE

SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows occurrences of message USR xmitted during the most recent collection interval.”  
 ::= { tpISUPSigServiceStatTableEntry 53 }

tpISUPSigServiceRcvUSRTot OBJECT-TYPE

SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows occurrences of message USR received during the most recent collection interval.”  
 ::= { tpISUPSigServiceStatTableEntry 54 }

tpISUPSigServiceXmitCCRTot OBJECT-TYPE

SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows occurrences of message CCR xmitted during the most recent collection interval.”  
 ::= { tpISUPSigServiceStatTableEntry 55 }

tpISUPSigServiceRcvCCRTot OBJECT-TYPE

SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows occurrences of message CCR received during the most recent collection interval.”  
 ::= { tpISUPSigServiceStatTableEntry 56 }

**tpISUPSigServiceXmitCOTTot OBJECT-TYPE**

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of messageCOT xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 57}

**tpISUPSigServiceRcvCOTTot OBJECT-TYPE**

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message COT received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 58}

**tpISUPSigServiceXmitCQMTot OBJECT-TYPE**

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message CQM xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 59}

**tpISUPSigServiceRcvCQMTot OBJECT-TYPE**

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message CQM received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 60}

**tpISUPSigServiceXmitCQRTot OBJECT-TYPE**

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows occurrences of message CQR xmitted during the most recent collection interval.”

::= { tpISUPSigServiceStatTableEntry 61 }

## tpISUPSigServiceRcvCQRTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows occurrences of message CQR received during the most recent collection interval.”

::= { tpISUPSigServiceStatTableEntry 62 }

## tpISUPSigServiceXmitCRATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows occurrences of message CRA xmitted during the most recent collection interval.”

::= { tpISUPSigServiceStatTableEntry 63 }

## tpISUPSigServiceRcvCRATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows occurrences of message CRA received during the most recent collection interval.”

::= { tpISUPSigServiceStatTableEntry 64 }

## tpISUPSigServiceXmitCRMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows occurrences of message CRM xmitted during the most recent collection interval.”

::= { tpISUPSigServiceStatTableEntry 65 }

## tpISUPSigServiceRcvCRMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message CRM received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 66}

tpISUPSigServiceXmitCVRTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message CVR xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 67}

tpISUPSigServiceRcvCVRTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message CVR received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 68}

tpISUPSigServiceXmitCVTTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message CVT xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 69}

tpISUPSigServiceRcvCVTTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message CVT received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 70}

tpISUPSigServiceXmitEXMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message EXM xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 71}

tpISUPSigServiceRcvEXMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message EXM received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 72}

tpISUPSigServiceXmitFACTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message FAC xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 73}

tpISUPSigServiceRcvFACTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message FAC received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 74}

tpISUPSigServiceXmitFOTTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message FOT xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 75}

tpISUPSigServiceRcvFOTTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message FOT received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 76}

tpISUPSigServiceXmitLPATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message LPA xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 77}

tpISUPSigServiceRcvLPATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object show occurrences of message LPA received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 78}

tpISUPSigServiceXmitPAMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message PAM xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 79}

tpISUPSigServiceRcvPAMTot OBJECT-TYPE

SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows occurrences of message PAM received during the most recent collection interval.”  
 ::= { tpISUPSigServiceStatTableEntry 80 }

tpISUPSigServiceXmitUCICTot OBJECT-TYPE

SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows occurrences of message UCIC xmitted during the most recent collection interval.”  
 ::= { tpISUPSigServiceStatTableEntry 81 }

tpISUPSigServiceRcvUCICTot OBJECT-TYPE

SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows occurrences of message UCIC received during the most recent collection interval.”  
 ::= { tpISUPSigServiceStatTableEntry 82 }

tpISUPSigServiceXmitFAATot OBJECT-TYPE

SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows occurrences of message FAA xmitted during the most recent collection interval.”  
 ::= { tpISUPSigServiceStatTableEntry 83 }

tpISUPSigServiceRcvFAATot OBJECT-TYPE

SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows occurrences of message FAA received during the most recent collection interval.”

::= { tpISUPSigServiceStatTableEntry 84 }

tpISUPSigServiceXmitFADTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message FAD xmitted during the most recent collection interval.”

::= { tpISUPSigServiceStatTableEntry 85 }

tpISUPSigServiceRcvFADTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message FAD received during the most recent collection interval.”

::= { tpISUPSigServiceStatTableEntry 86 }

tpISUPSigServiceXmitFARTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message FAR xmitted during the most recent collection interval.”

::= { tpISUPSigServiceStatTableEntry 87 }

tpISUPSigServiceRcvFARTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows occurrences of message FAR received during the most recent collection interval.”

::= { tpISUPSigServiceStatTableEntry 88 }

tpISUPSigServiceXmitFRJTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows occurrences of message FRJ xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 89}

## tpISUPSigServiceRcvFRJTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows occurrences of message FRJ received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 90}

## tpISUPSigServiceXmitSGMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows occurrences of message SGM xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 91}

## tpISUPSigServiceRcvSGMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows occurrences of message SGM received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 92}

## tpISUPSigServiceXmitMPMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows occurrences of message MPM xmitted during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 93}

## tpISUPSigServiceRcvMPMTot OBJECT-TYPE

SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION

“This object shows occurrences of message MPM received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 94}

tpISUPSigServiceABNRelTot OBJECT-TYPE  
SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION

“This object shows occurrences of abnormal clear msg received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 95}

tpISUPSigServiceUNEXMSGTot OBJECT-TYPE  
SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION

“This object shows occurrences of unexpected msg received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 96}

tpISUPSigServiceUNRECMSGTot OBJECT-TYPE  
SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION

“This object shows occurrences of unrecog msg received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 97}

tpISUPSigServiceCHANMateUnvailTot OBJECT-TYPE  
SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current

## DESCRIPTION

“This object shows occurrences of Channel Mate Unavailable received during the most recent collection interval.”

::= {tpISUPSigServiceStatTableEntry 98}

tpISUPAOCTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows occurrences of calls that have invoked the Advice-of-Charge feature.”

::= {tpISUPSigServiceStatTableEntry 99}

## SS7 ITU TUP Measurements Table

tpTUPSigServiceStatTable OBJECT-TYPE

SYNTAX SEQUENCE OF TpTUPSigServiceStatTableEntry

MAX-ACCESS not-accessible

STATUS current

## DESCRIPTION

“This table defines Telephone User Part statistics”

::= {tpMeasurement 11}

tpTUPSigServiceStatTableEntry OBJECT-TYPE

SYNTAX TpTUPSigServiceStatTableEntry

MAX-ACCESS not-accessible

STATUS current

## DESCRIPTION

“This table defines Telephone User Part statistics”

INDEX {tpComponentId,tpTUPSigServiceCollectTimeInterval}

::= {tpTUPSigServiceStatTable 1}

TpTUPSigServiceStatTableEntry ::=

SEQUENCE

{

tpTUPSigServiceCollectTimeInterval

Counter32,

tpTUPSigServiceCollectTime

TimeTicks,  
tpTUPSigServiceXmitMSGTot  
Counter32,  
tpTUPSigServiceRcvMSGTot  
Counter32,  
tpTUPSigServiceXmitACBTot  
Counter32,  
tpTUPSigServiceRcvACBTot  
Counter32,  
tpTUPSigServiceXmitACCTot  
Counter32,  
tpTUPSigServiceRcvACCTot  
Counter32,  
tpTUPSigServiceXmitACMTot  
Counter32,  
tpTUPSigServiceRcvACMTot  
Counter32,  
tpTUPSigServiceXmitADITot  
Counter32,  
tpTUPSigServiceRcvADITot  
Counter32,  
tpTUPSigServiceXmitANCTot  
Counter32,  
tpTUPSigServiceRcvANCTot  
Counter32,  
tpTUPSigServiceXmitANNTot  
Counter32,  
tpTUPSigServiceRcvANNTot  
Counter32,  
tpTUPSigServiceXmitANUTot  
Counter32,  
tpTUPSigServiceRcvANUTot  
Counter32,  
tpTUPSigServiceXmitBLOTot  
Counter32,  
tpTUPSigServiceRcvBLOTot  
Counter32,  
tpTUPSigServiceXmitBLATot

Counter32,  
tpTUPSigServiceRcvBLATot  
Counter32,  
tpTUPSigServiceXmitCBKTot  
Counter32,  
tpTUPSigServiceRcvCBKTot  
Counter32,  
tpTUPSigServiceXmitCCFTot  
Counter32,  
tpTUPSigServiceRcvCCFTot  
Counter32,  
tpTUPSigServiceXmitCCLTot  
Counter32,  
tpTUPSigServiceRcvCCLTot  
Counter32,  
tpTUPSigServiceXmitCCRTot  
Counter32,  
tpTUPSigServiceRcvCCRTot  
Counter32,  
tpTUPSigServiceXmitCFLTot  
Counter32,  
tpTUPSigServiceRcvCFLTot  
Counter32,  
tpTUPSigServiceXmitCGCTot  
Counter32,  
tpTUPSigServiceRcvCGCTot  
Counter32,  
tpTUPSigServiceXmitCHGTot  
Counter32,  
tpTUPSigServiceRcvCHGTot  
Counter32,  
tpTUPSigServiceXmitCLFTot  
Counter32,  
tpTUPSigServiceRcvCLFTot  
Counter32,  
tpTUPSigServiceXmitCOTTot  
Counter32,  
tpTUPSigServiceRcvCOTTot

Counter32,  
tpTUPSigServiceXmitDPNTot  
Counter32,  
tpTUPSigServiceRcvDPNTot  
Counter32,  
tpTUPSigServiceXmitEUMTot  
Counter32,  
tpTUPSigServiceRcvEUMTot  
Counter32,  
tpTUPSigServiceXmitFOTTot  
Counter32,  
tpTUPSigServiceRcvFOTTot  
Counter32,  
tpTUPSigServiceXmitGRATot  
Counter32,  
tpTUPSigServiceRcvGRATot  
Counter32,  
tpTUPSigServiceXmitGRQTot  
Counter32,  
tpTUPSigServiceRcvGRQTot  
Counter32,  
tpTUPSigServiceXmitGRSTot  
Counter32,  
tpTUPSigServiceRcvGRSTot  
Counter32,  
tpTUPSigServiceXmitGSMTot  
Counter32,  
tpTUPSigServiceRcvGSMTot  
Counter32,  
tpTUPSigServiceXmitHBATot  
Counter32,  
tpTUPSigServiceRcvHBATot  
Counter32,  
tpTUPSigServiceXmitHGBTot  
Counter32,  
tpTUPSigServiceRcvHGBTot  
Counter32,  
tpTUPSigServiceXmitHGUTot

Counter32,  
tpTUPSigServiceRcvHGUTot  
Counter32,  
tpTUPSigServiceXmitHUATot  
Counter32,  
tpTUPSigServiceRcvHUATot  
Counter32,  
tpTUPSigServiceXmitIAITot  
Counter32,  
tpTUPSigServiceRcvIAITot  
Counter32,  
tpTUPSigServiceXmitIAMTot  
Counter32,  
tpTUPSigServiceRcvIAMTot  
Counter32,  
tpTUPSigServiceXmitLOSTot  
Counter32,  
tpTUPSigServiceRcvLOSTot  
Counter32,  
tpTUPSigServiceXmitMALTot  
Counter32,  
tpTUPSigServiceRcvMALTot  
Counter32,  
tpTUPSigServiceXmitMBATot  
Counter32,  
tpTUPSigServiceRcvMBATot  
Counter32,  
tpTUPSigServiceXmitMGBTot  
Counter32,  
tpTUPSigServiceRcvMGBTot  
Counter32,  
tpTUPSigServiceXmitMGUTot  
Counter32,  
tpTUPSigServiceRcvMGUTot  
Counter32,  
tpTUPSigServiceXmitMPMTot  
Counter32,  
tpTUPSigServiceRcvMPMTot

Counter32,  
tpTUPSigServiceXmitMUATot  
Counter32,  
tpTUPSigServiceRcvMUATot  
Counter32,  
tpTUPSigServiceXmitNNCTot  
Counter32,  
tpTUPSigServiceRcvNNCTot  
Counter32,  
tpTUPSigServiceXmitOPRTot  
Counter32,  
tpTUPSigServiceRcvOPRTot  
Counter32,  
tpTUPSigServiceXmitRANTot  
Counter32,  
tpTUPSigServiceRcvRANTot  
Counter32,  
tpTUPSigServiceXmitRLGTot  
Counter32,  
tpTUPSigServiceRcvRLGTot  
Counter32,  
tpTUPSigServiceXmitRSCTot  
Counter32,  
tpTUPSigServiceRcvRSCTot  
Counter32,  
tpTUPSigServiceXmitSAMTot  
Counter32,  
tpTUPSigServiceRcvSAMTot  
Counter32,  
tpTUPSigServiceXmitSAOTot  
Counter32,  
tpTUPSigServiceRcvSAOTot  
Counter32,  
tpTUPSigServiceXmitSBATot  
Counter32,  
tpTUPSigServiceRcvSBATot  
Counter32,  
tpTUPSigServiceXmitSECTot

Counter32,  
tpTUPSigServiceRcvSECTot  
Counter32,  
tpTUPSigServiceXmitSGBTot  
Counter32,  
tpTUPSigServiceRcvSGBTot  
Counter32,  
tpTUPSigServiceXmitSGUTot  
Counter32,  
tpTUPSigServiceRcvSGUTot  
Counter32,  
tpTUPSigServiceXmitSLBTot  
Counter32,  
tpTUPSigServiceRcvSLBTot  
Counter32,  
tpTUPSigServiceXmitSSBTot  
Counter32,  
tpTUPSigServiceRcvSSBTot  
Counter32,  
tpTUPSigServiceXmitSSTTot  
Counter32,  
tpTUPSigServiceRcvSSTTot  
Counter32,  
tpTUPSigServiceXmitSTBTot  
Counter32,  
tpTUPSigServiceRcvSTBTot  
Counter32,  
tpTUPSigServiceXmitSUATot  
Counter32,  
tpTUPSigServiceRcvSUATot  
Counter32,  
tpTUPSigServiceXmitUBATot  
Counter32,  
tpTUPSigServiceRcvUBATot  
Counter32,  
tpTUPSigServiceXmitUBLTot  
Counter32,  
tpTUPSigServiceRcvUBLTot

```

    Counter32,
tpTUPSigServiceXmitUNNTot
    Counter32,
tpTUPSigServiceRcvUNNTot
    Counter32,
tpTUPSigServiceAbnormalRelTot
    Counter32,
tpTUPSigServiceUnexpectedMSGTot
    Counter32,
tpTUPSigServiceUnrecognisedMSGTot
    Counter32,
tpTUPSigServiceCHANMateUnavailTot
    Counter32
}

```

tpTUPSigServiceCollectTimeInterval OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement time interval seconds.”

::= {tpTUPSigServiceStatTableEntry 1}

tpTUPSigServiceCollectTime OBJECT-TYPE

SYNTAX TimeTicks

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement time.”

::= {tpTUPSigServiceStatTableEntry 2}

tpTUPSigServiceXmitMSGTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

MSG xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 3}

tpTUPSigServiceRcvMSGTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
MSG received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 4}

tpTUPSigServiceXmitACBTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
ACB xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 5}

tpTUPSigServiceRcvACBTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
ACB received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 6}

tpTUPSigServiceXmitACCTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
ACC xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 7}

tpTUPSigServiceRcvACCTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart: ACC received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 8}

tpTUPSigServiceXmitACMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

ACM xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 9}

tpTUPSigServiceRcvACMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

ACM received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 10}

tpTUPSigServiceXmitADITot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 11}

tpTUPSigServiceRcvADITot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

ADI received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 12}

tpTUPSigServiceXmitANCTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

ANC xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 13}

tpTUPSigServiceRcvANCTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

ANC received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 14}

tpTUPSigServiceXmitANNTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

ANN xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 15}

tpTUPSigServiceRcvANNTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

ANN received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 16}

## tpTUPSigServiceXmitANUTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

ANU xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 17}

## tpTUPSigServiceRcvANUTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

ANU received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 18}

## tpTUPSigServiceXmitBLOTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

BLO xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 19}

## tpTUPSigServiceRcvBLOTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

BLO received total during the most recent collection interval.”  
 ::= {tpTUPSigServiceStatTableEntry 20}

tpTUPSigServiceXmitBLATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

BLA xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 21}

tpTUPSigServiceRevBLATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

BLA received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 22}

tpTUPSigServiceXmitCBKTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

CBK xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 23}

tpTUPSigServiceRevCBKTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

CBK received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 24}

## tpTUPSigServiceXmitCCFTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

CCF xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 25}

## tpTUPSigServiceRcvCCFTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

CCF received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 26}

## tpTUPSigServiceXmitCCLTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

CCL xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 27}

## tpTUPSigServiceRcvCCLTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

CCL received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 28}

## tpTUPSigServiceXmitCCRTot OBJECT-TYPE

SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows the occurrences of Telephone UserPart:  
 CCR xmitted total during the most recent collection interval.”  
 ::= {tpTUPSigServiceStatTableEntry 29}

tpTUPSigServiceRcvCCRTot OBJECT-TYPE

SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows the occurrences of Telephone UserPart:  
 CCR received total during the most recent collection interval.”  
 ::= {tpTUPSigServiceStatTableEntry 30}

tpTUPSigServiceXmitCFLTot OBJECT-TYPE

SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows the occurrences of Telephone UserPart:  
 CFL xmitted total during the most recent collection interval.”  
 ::= {tpTUPSigServiceStatTableEntry 31}

tpTUPSigServiceRcvCFLTot OBJECT-TYPE

SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows the occurrences of Telephone UserPart:  
 CFL received total during the most recent collection interval.”  
 ::= {tpTUPSigServiceStatTableEntry 32}

tpTUPSigServiceXmitCGCTot OBJECT-TYPE

SYNTAX Counter32  
 MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

CGC xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 33}

tpTUPSigServiceRcvCGCTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 34}

tpTUPSigServiceXmitCHGTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

CHG xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 35}

tpTUPSigServiceRcvCHGTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

CHG received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 36}

tpTUPSigServiceXmitCLFTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
CLF xmitted total during the most recent collection interval.”  
::= {tpTUPSigServiceStatTableEntry 37}

tpTUPSigServiceRcvCLFTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
received total during the most recent collection interval.”  
::= {tpTUPSigServiceStatTableEntry 38}

tpTUPSigServiceXmitCOTTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
CLF xmitted total during the most recent collection interval.”  
::= {tpTUPSigServiceStatTableEntry 39}

tpTUPSigServiceRcvCOTTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
COT received total during the most recent collection interval.”  
::= {tpTUPSigServiceStatTableEntry 40}

tpTUPSigServiceXmitDPNTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
DPN xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 41}

tpTUPSigServiceRcvDPNTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

DPN received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 42}

tpTUPSigServiceXmitEUMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

EUM xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 43}

tpTUPSigServiceRcvEUMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

EUM received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 44}

tpTUPSigServiceXmitFOTTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

FOT xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 45}

tpTUPSigServiceRevFOTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

FOT received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 46}

tpTUPSigServiceXmitGRATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

GRA xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 47}

tpTUPSigServiceRevGRATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

GRA received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 48}

tpTUPSigServiceXmitGRQTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

GRQ xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 49}

tpTUPSigServiceRevGRQTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

GRQ received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 50}

tpTUPSigServiceXmitGRSTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

GRS xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 51}

tpTUPSigServiceRcvGRSTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

GRS received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 52}

tpTUPSigServiceXmitGSMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

GSM xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 53}

tpTUPSigServiceRcvGSMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
GSM received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 54}

## tpTUPSigServiceXmitHBATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
HGA xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 55}

## tpTUPSigServiceRcvHBATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
HGA received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 56}

## tpTUPSigServiceXmitHGBTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
HGB xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 57}

## tpTUPSigServiceRcvHGBTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

received total during the most recent collection interval.”  
 ::= { tpTUPSigServiceStatTableEntry 58 }

tpTUPSigServiceXmitHGUTot OBJECT-TYPE  
SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
“This object shows the occurrences of Telephone UserPart:  
HGU xmitted total during the most recent collection interval.”  
 ::= { tpTUPSigServiceStatTableEntry 59 }

tpTUPSigServiceRcvHGUTot OBJECT-TYPE  
SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
“This object shows the occurrences of Telephone UserPart:  
HGU received total during the most recent collection interval.”  
 ::= { tpTUPSigServiceStatTableEntry 60 }

tpTUPSigServiceXmitHUATot OBJECT-TYPE  
SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
“This object shows the occurrences of Telephone UserPart:  
HUA xmitted total during the most recent collection interval.”  
 ::= { tpTUPSigServiceStatTableEntry 61 }

tpTUPSigServiceRcvHUATot OBJECT-TYPE  
SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
“This object shows the occurrences of Telephone UserPart:  
HUA received total during the most recent collection interval.”  
 ::= { tpTUPSigServiceStatTableEntry 62 }

tpTUPSigServiceXmitIAITot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 63}

tpTUPSigServiceRcvIAITot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 64}

tpTUPSigServiceXmitIAMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
IAM xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 65}

tpTUPSigServiceRcvIAMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
IAM received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 66}

tpTUPSigServiceXmitLOSTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

LOS xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 67}

tpTUPSigServiceRcvLOSTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

LOS received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 68}

tpTUPSigServiceXmitMALTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

MAL xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 69}

tpTUPSigServiceRcvMALTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

MAL received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 70}

tpTUPSigServiceXmitMBATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

MBA xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 71}

tpTUPSigServiceRcvMBATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

MBA received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 72}

tpTUPSigServiceXmitMGBTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

MGB xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 73}

tpTUPSigServiceRcvMGBTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

MBG received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 74}

tpTUPSigServiceXmitMGUTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

MGU xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 75}

tpTUPSigServiceRcvMGUTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

MGU received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 76}

tpTUPSigServiceXmitMPMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

MPM xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 77}

tpTUPSigServiceRcvMPMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

MPM received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 78}

tpTUPSigServiceXmitMUATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
MUA xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 79}

tpTUPSigServiceRcvMUATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
MUA received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 80}

tpTUPSigServiceXmitNNCTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
NNC xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 81}

tpTUPSigServiceRcvNNCTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
NNC received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 82}

tpTUPSigServiceXmitOPRTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
OPR xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 83}

tpTUPSigServiceRcvOPRTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

OPR received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 84}

tpTUPSigServiceXmitRANTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

RAN xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 85}

tpTUPSigServiceRcvRANTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

RAN received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 86}

tpTUPSigServiceXmitRLGTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

RLG xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 87}

tpTUPSigServiceRevRLGTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

RLG received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 88}

tpTUPSigServiceXmitRSCTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

RSC xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 89}

tpTUPSigServiceRevRSCTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

RSC received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 90}

tpTUPSigServiceXmitSAMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

SAM xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 91}

tpTUPSigServiceRevSAMTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

SAM received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 92}

tpTUPSigServiceXmitSAOTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

SAO xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 93}

tpTUPSigServiceRcvSAOTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

SAO received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 94}

tpTUPSigServiceXmitSBATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

SBA xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 95}

tpTUPSigServiceRcvSBATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

SBA received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 96}

tpTUPSigServiceXmitSECTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

SEC xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 97}

tpTUPSigServiceRcvSECTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

SEC received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 98}

tpTUPSigServiceXmitSGBTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

SGB xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 99}

tpTUPSigServiceRcvSGBTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
received total during the most recent collection interval.”  
::= {tpTUPSigServiceStatTableEntry 100}

tpTUPSigServiceXmitSGUTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
SGU xmitted total during the most recent collection interval.”  
::= {tpTUPSigServiceStatTableEntry 101}

tpTUPSigServiceRcvSGUTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
SGU received total during the most recent collection interval.”  
::= {tpTUPSigServiceStatTableEntry 102}

tpTUPSigServiceXmitSLBTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
SLB xmitted total during the most recent collection interval.”  
::= {tpTUPSigServiceStatTableEntry 103}

tpTUPSigServiceRcvSLBTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
SLB received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 104}

tpTUPSigServiceXmitSSBTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

SSB xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 105}

tpTUPSigServiceRcvSSBTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

SSB received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 106}

tpTUPSigServiceXmitSSTTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

SST xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 107}

tpTUPSigServiceRcvSSTTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

SST received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 108}

tpTUPSigServiceXmitSTBTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

STB xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 109}

tpTUPSigServiceRcvSTBTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

STB received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 110}

tpTUPSigServiceXmitSUATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 111}

tpTUPSigServiceRcvSUATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:

SUA received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 112}

tpTUPSigServiceXmitUBATot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows the occurrences of Telephone UserPart:  
 UBA xmitted total during the most recent collection interval.”  
 ::= {tpTUPSigServiceStatTableEntry 113}

tpTUPSigServiceRcvUBATot OBJECT-TYPE  
 SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows the occurrences of Telephone UserPart:  
 UBA received total during the most recent collection interval.”  
 ::= {tpTUPSigServiceStatTableEntry 114}

tpTUPSigServiceXmitUBLTot OBJECT-TYPE  
 SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows the occurrences of Telephone UserPart:  
 UBL xmitted total during the most recent collection interval.”  
 ::= {tpTUPSigServiceStatTableEntry 115}

tpTUPSigServiceRcvUBLTot OBJECT-TYPE  
 SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows the occurrences of Telephone UserPart:  
 UBL received total during the most recent collection interval.”  
 ::= {tpTUPSigServiceStatTableEntry 116}

tpTUPSigServiceXmitUNNTot OBJECT-TYPE  
 SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current

## DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
UNN xmitted total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 117}

## tpTUPSigServiceRcvUNNTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
UNN received total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 118}

## tpTUPSigServiceAbnormalRelTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
abnormal release total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 119}

## tpTUPSigServiceUnexpectedMSGTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
unexpected message total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 120}

## tpTUPSigServiceUnrecognisedMSGTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
unrecognised message total during the most recent collection interval.”  
::= {tpTUPSigServiceStatTableEntry 121 }

tpTUPSigServiceCHANMateUnavailTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the occurrences of Telephone UserPart:  
Channel Mate Unavailable total during the most recent collection interval.”

::= {tpTUPSigServiceStatTableEntry 122 }

## SSU ITU NUP Table

tpNUPSigServiceStatTable OBJECT-TYPE

SYNTAX SEQUENCE OF TpNUPSigServiceStatTableEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

“This table defines National UserPart statistics”

::= {tpMeasurement 12 }

tpNUPSigServiceStatTableEntry OBJECT-TYPE

SYNTAX TpNUPSigServiceStatTableEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

“This table defines National UserPart statistics”

INDEX {tpComponentId,tpNUPSigServiceCollectTimeInterval }

::= {tpNUPSigServiceStatTable 1 }

TpNUPSigServiceStatTableEntry ::=

SEQUENCE

{

```

    tpNUPSigServiceCollectTimeInterval
        Counter32,
    tpNUPSigServiceCollectTime
        TimeTicks,
    tpNUPSigServiceXmitMSGTot
        Counter32,
    tpNUPSigServiceRcvMSGTot
        Counter32,
    tpNUPSigServiceUnexpectedMSGTot
        Counter32
}

```

tpNUPSigServiceCollectTimeInterval OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement time interval seconds.”

::= { tpNUPSigServiceStatTableEntry 1 }

tpNUPSigServiceCollectTime OBJECT-TYPE

SYNTAX TimeTicks

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement time.”

::= { tpNUPSigServiceStatTableEntry 2 }

tpNUPSigServiceXmitMSGTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows National UserPart:messages xmitted total during the most recent collection interval.”

::= { tpNUPSigServiceStatTableEntry 3 }

tpNUPSigServiceRcvMSGTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows National Userpart:message received total during the most recent collection interval.”

::= {tpNUPSigServiceStatTableEntry 4}

tpNUPSigServiceUnexpectedMSGTot OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows National UserPart:unexpected msgs totals during the most recent collection interval.”

::= {tpNUPSigServiceStatTableEntry 5}

## OVL State Table

tpOVLStatTable OBJECT-TYPE

SYNTAX SEQUENCE OF TpOVLStatTableEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

“This table defines OverLoad statistics”

::= {tpMeasurement 13}

tpOVLStatTableEntry OBJECT-TYPE

SYNTAX TpOVLStatTableEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

“This table defines overload statistics”

INDEX {tpComponentId,tpOVLCollectTimeInterval}

::= {tpOVLStatTable 1}

```

TpOVLStatTableEntry ::=
    SEQUENCE
    {
        tpOVLCollectTimeInterval
            Counter32,
        tpOVLCollectTime
            TimeTicks,
        tpOVLLv11DurOverload
            Counter32,
        tpOVLLv12DurOverload
            Counter32,
        tpOVLLv13DurOverload
            Counter32,
        tpOVLCallFailure
            Counter32
    }

```

tpOVLCollectTimeInterval OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement time interval seconds during the most recent collection interval.”

::= { tpOVLStatTableEntry 1 }

tpOVLCollectTime OBJECT-TYPE

SYNTAX TimeTicks

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement time during the most recent collection interval.”

::= { tpOVLStatTableEntry 2 }

tpOVLLv11DurOverload OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows Overload: Minutes in level1 overload condition. “

::= {tpOVLStatTableEntry 3}

## tpOVLLv12DurOverload OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows Overload: Minutes in level2 overload condition. “

::= {tpOVLStatTableEntry 4}

## tpOVLLv13DurOverload OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows Overload: Minutes in level3 overload condition during the most recent collection interval.”

::= {tpOVLStatTableEntry 5}

## tpOVLCallFailure OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows Overload: Calls rejected due to overload condition. “

::= {tpOVLStatTableEntry 6}

## SystemStat Table

## tpSystemStatTable OBJECT-TYPE

SYNTAX SEQUENCE OF TpSystemStatTableEntry

MAX-ACCESS not-accessible

STATUS current

## DESCRIPTION

“This table defines User defined statistics”  
 ::= {tpMeasurement 14}

tpSystemStatTableEntry OBJECT-TYPE  
 SYNTAX TpSystemStatTableEntry  
 MAX-ACCESS not-accessible  
 STATUS current  
 DESCRIPTION  
 “This table defines user defined statistics”  
 INDEX {tpComponentId,tpSystemCollectTimeInterval}  
 ::= {tpSystemStatTable 1}

TpSystemStatTableEntry ::=

SEQUENCE

{

tpSystemCollectTimeInterval  
 Counter32,

tpSystemCollectTime  
 TimeTicks,

tpSystemCDBXmit  
 Counter32,

tpSystemUserCount1  
 Counter32,

tpSystemUserCount2  
 Counter32,

tpSystemUserCount3  
 Counter32,

tpSystemUserCount4  
 Counter32,

tpSystemUserCount5  
 Counter32,

tpSystemUserCount6  
 Counter32,

tpSystemUserCount7  
 Counter32,

tpSystemUserCount8  
 Counter32,

tpSystemUserCount9

```

    Counter32,
tpSystemUserCount10
    Counter32,
tpSystemUserCount11
    Counter32,
tpSystemUserCount12
    Counter32,
tpSystemUserCount13
    Counter32,
tpSystemUserCount14
    Counter32,
tpSystemUserCount15
    Counter32,
tpSystemUserCount16
    Counter32,
tpSystemUserCount17
    Counter32,
tpSystemUserCount18
    Counter32,
tpSystemUserCount19
    Counter32,
tpSystemUserCount20
    Counter32,
tpSystemUserCount21
    Counter32,
tpSystemUserCount22
    Counter32,
tpSystemUserCount23
    Counter32,
tpSystemUserCount24
    Counter32,
tpSystemUserCount25
    Counter32
}

```

tpSystemCollectTimeInterval OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement time interval seconds.”

::= {tpSystemStatTableEntry 1}

tpSystemCollectTime OBJECT-TYPE

SYNTAX TimeTicks

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measur time.”

::= {tpSystemStatTableEntry 2}

tpSystemCDBXmit OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement of CDBs transmitted during the most recent collection interval.”

::= {tpSystemStatTableEntry 3}

tpSystemUserCount1 OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the user defined counter value during the most recent collection interval.”

::= {tpSystemStatTableEntry 4}

tpSystemUserCount2 OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the user defined counter value during the most recent collection interval.”

::= {tpSystemStatTableEntry 5}

tpSystemUserCount3 OBJECT-TYPE

SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows the user defined counter value during the most recent collection interval.”  
 ::= { tpSystemStatTableEntry 6 }

tpSystemUserCount4 OBJECT-TYPE  
 SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows the user defined counter value during the most recent collection interval.”  
 ::= { tpSystemStatTableEntry 7 }

tpSystemUserCount5 OBJECT-TYPE  
 SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows the user defined counter value during the most recent collection interval.”  
 ::= { tpSystemStatTableEntry 8 }

tpSystemUserCount6 OBJECT-TYPE  
 SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows the user defined counter value during the most recent collection interval.”  
 ::= { tpSystemStatTableEntry 9 }

tpSystemUserCount7 OBJECT-TYPE  
 SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION  
 “This object shows the user defined counter value during the most recent collection interval.”  
 ::= { tpSystemStatTableEntry 10 }

tpSystemUserCount8 OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the user defined counter value during the most recent collection interval.”

::= {tpSystemStatTableEntry 11}

tpSystemUserCount9 OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the user defined counter value during the most recent collection interval.”

::= {tpSystemStatTableEntry 12}

tpSystemUserCount10 OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the user defined counter value during the most recent collection interval.”

::= {tpSystemStatTableEntry 13}

tpSystemUserCount11 OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the user defined counter value during the most recent collection interval.”

::= {tpSystemStatTableEntry 14}

tpSystemUserCount12 OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the user defined counter value during the most recent collection interval.”  
 ::= {tpSystemStatTableEntry 15}

tpSystemUserCount13 OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the user defined counter value during the most recent collection interval.”  
 ::= {tpSystemStatTableEntry 16}

tpSystemUserCount14 OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the user defined counter value during the most recent collection interval.”  
 ::= {tpSystemStatTableEntry 17}

tpSystemUserCount15 OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the user defined counter value during the most recent collection interval.”  
 ::= {tpSystemStatTableEntry 18}

tpSystemUserCount16 OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the user defined counter value during the most recent collection interval.”  
 ::= {tpSystemStatTableEntry 19}

tpSystemUserCount17 OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the user defined counter value during the most recent collection interval.”

::= {tpSystemStatTableEntry 20}

tpSystemUserCount18 OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the user defined counter value during the most recent collection interval.”

::= {tpSystemStatTableEntry 21}

tpSystemUserCount19 OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the user defined counter value during the most recent collection interval.”

::= {tpSystemStatTableEntry 22}

tpSystemUserCount20 OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the user defined counter value during the most recent collection interval.”

::= {tpSystemStatTableEntry 23}

tpSystemUserCount21 OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the user defined counter value during the most recent collection interval.”

::= {tpSystemStatTableEntry 24}

tpSystemUserCount22 OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the user defined counter value during the most recent collection interval.”

::= {tpSystemStatTableEntry 25}

tpSystemUserCount23 OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the user defined counter value during the most recent collection interval.”

::= {tpSystemStatTableEntry 26}

tpSystemUserCount24 OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the user defined counter value during the most recent collection interval.”

::= {tpSystemStatTableEntry 27}

tpSystemUserCount25 OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows the user defined counter value during the most recent collection interval.”

::= {tpSystemStatTableEntry 28}

## TCAP Table

tpTCAPTable OBJECT-TYPE

SYNTAX SEQUENCE OF TpTCAPTableEntry

MAX-ACCESS not-accessible

```

STATUS current
DESCRIPTION
    "This table defines TCAP statistics"
 ::= { tpMeasurement 15}

tpTCAPTableEntry OBJECT-TYPE
SYNTAX TpTCAPTableEntry
MAX-ACCESS not-accessible
STATUS current
DESCRIPTION
    "This table defines TCAP statistics"
INDEX { tpComponentId, tpTCAPCollectTimeInterval}
 ::= { tpTCAPTable 1}

TpTCAPTableEntry ::=
SEQUENCE
{
    tpTCAPCollectTimeInterval
        Counter32,
    tpTCAPCollectTime
        TimeTicks,
    tpTCAPMSGXmit
        Counter32,
    tpTCAPQWPXmit
        Counter32,
    tpTCAPRSPXmit
        Counter32,
    tpTCAPUNIXmit
        Counter32,
    tpTCAPABTXmit
        Counter32,
    tpTCAPMSGRcv
        Counter32,
    tpTCAPQWPRcv
        Counter32,
    tpTCAPRSPRcv
        Counter32,
    tpTCAPUNIRcv

```

```

    Counter32,
tpTCAPMSGDrop
    Counter32,
tpTCAPMSGUnrec
    Counter32,
tpTCAPABTRcv
    Counter32,
tpTCAPBeginXmit
    Counter32,
tpTCAPBeginRcv
    Counter32,
tpTCAPEndXmit
    Counter32,
tpTCAPEndRcv
    Counter32,
tpTCAPContinueXmit
    Counter32,
tpTCAPContinueRcv
    Counter32,
tpTCAPConvXmit
    Counter32,
tpTCAPConvRcv
    Counter32
}

```

tpTCAPCollectTimeInterval OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement time interval seconds.”

::= {tpTCAPTableEntry 1}

tpTCAPCollectTime OBJECT-TYPE

SYNTAX TimeTicks

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measur time.”  
 ::= {tpTCAPTableEntry 2}

tpTCAPMSGXmit OBJECT-TYPE  
SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION

“This object shows measurement TCAP: Total TCAP messages xmitted during the most recent collection interval.”

::= {tpTCAPTableEntry 3}

tpTCAPQWPXmit OBJECT-TYPE  
SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION

“This object shows measurement ANSI TCAP: Total Query with permission xmitted during the most recent collection interval.”

::= {tpTCAPTableEntry 4}

tpTCAPRSPXmit OBJECT-TYPE  
SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION

“This object shows measurement ANSI TCAP: Total Response messages xmitted during the most recent collection interval.”

::= {tpTCAPTableEntry 5}

tpTCAPUNIXmit OBJECT-TYPE  
SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION

“This object shows measurement TCAP: Total Unidirectional messages xmitted during the most recent collection interval.”

::= {tpTCAPTableEntry 6}

tpTCAPABTXmit OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement ANSI TCAP: Total Abort messages xmitted during the most recent collection interval.”

::= {tpTCAPTableEntry 7}

tpTCAPMSGRCv OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement TCAP: Total TCAP messages received during the most recent collection interval.”

::= {tpTCAPTableEntry 8}

tpTCAPQWPRcv OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement ANSI TCAP: Total Query with permission received during the most recent collection interval.”

::= {tpTCAPTableEntry 9}

tpTCAPRSPRCv OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement ANSI TCAP: Total Response messages received during the most recent collection interval.”

::= {tpTCAPTableEntry 10}

tpTCAPUNIRcv OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement TCAP: Total Unidirectional messages received during the most recent collection interval.”

::= {tpTCAPTableEntry 11}

tpTCAPMSGDrop OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement TCAP: Total Messages dropped during the most recent collection interval.”

::= {tpTCAPTableEntry 12}

tpTCAPMSGUnrec OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement TCAP: Total unrecognized messages during the most recent collection interval.”

::= {tpTCAPTableEntry 13}

tpTCAPABTRcv OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement ANSI TCAP: TotalAbort messages received during the most recent collection interval.”

::= {tpTCAPTableEntry 14}

tpTCAPBeginXmit OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“Total Number of TCAP BEGIN messages transmitted. This measurement is valid only for ETSI and ITU TCAP during the most recent collection interval.”

::= {tpTCAPTableEntry 15}

tpTCAPBeginRcv OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“Total Number of TCAP BEGIN messages received. This measurement is valid only for ETSI and ITU TCAP”

::= {tpTCAPTableEntry 16}

tpTCAPEndXmit OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“Total Number of TCAP END messages transmitted. This measurement is valid only for ETSI and ITU TCAP during the most recent collection interval.”

::= {tpTCAPTableEntry 17}

tpTCAPEndRcv OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“Total Number of TCAP END messages received. This measurement is valid only for ETSI and ITU TCAP during the most recent collection interval.”

::= {tpTCAPTableEntry 18}

tpTCAPContinueXmit OBJECT-TYPE

SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION

“Total Number of TCAP CONTINUE messages transmitted. This measurement is valid only for ETSI and ITU TCAP”

::= {tpTCAPTableEntry 19}

tpTCAPContinueRcv OBJECT-TYPE  
 SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION

“Total Number of TCAP CONVERSATION messages received. This measurement is valid only for ANSI TCAP”

::= {tpTCAPTableEntry 20}

tpTCAPConvXmit OBJECT-TYPE  
 SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION

“Total Number of TCAP CONVERSATION messages transmitted. This measurement is valid only for ANSI TCAP”

::= {tpTCAPTableEntry 21}

tpTCAPConvRcv OBJECT-TYPE  
 SYNTAX Counter32  
 MAX-ACCESS read-only  
 STATUS current  
 DESCRIPTION

“Total Number of TCAP CONVERSATION messages received. This measurement is valid only for ANSI TCAP”

::= {tpTCAPTableEntry 22}

## SCCP Table

tpSCCPTable OBJECT-TYPE

SYNTAX SEQUENCE OF TpSCCPTableEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

“This table defines SCCP statistics”

::= {tpMeasurement 16}

tpSCCPTableEntry OBJECT-TYPE

SYNTAX TpSCCPTableEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

“This table defines SCCP statistics”

INDEX {tpComponentId,tpSCCPCollectTimeInterval}

::= {tpSCCPTable 1}

TpSCCPTableEntry ::=

SEQUENCE

{

tpSCCPCollectTimeInterval

Counter32,

tpSCCPCollectTime

TimeTicks,

tpSCCPRoutingFailure

Counter32,

tpSCCPUDTXmit

Counter32,

tpSCCPUDTSXmit

Counter32,

tpSCCPUDTRcv

Counter32,

tpSCCPUDTSRcv

Counter32,

tpSCCPTotalMsg

Counter32

}

tpSCCPCollectTimeInterval OBJECT-TYPE

SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
    “This object shows measurement time interval seconds.”  
 ::= { tpSCCPTableEntry 1 }

tpSCCPCollectTime OBJECT-TYPE

SYNTAX TimeTicks  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
    “This object shows measur time.”  
 ::= { tpSCCPTableEntry 2 }

tpSCCPRoutingFailure OBJECT-TYPE

SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
    “This object shows measurement SCCP: Total routing failures during the most recent collection interval.”  
 ::= { tpSCCPTableEntry 3 }

tpSCCPUDTXmit OBJECT-TYPE

SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current  
DESCRIPTION  
    “This object shows measurement SCCP: Total unit data messages xmitted during the most recent collection interval.”  
 ::= { tpSCCPTableEntry 4 }

tpSCCPUDTSXmit OBJECT-TYPE

SYNTAX Counter32  
MAX-ACCESS read-only  
STATUS current

## DESCRIPTION

“This object shows measurement SCCP: Total unit data service messages xmitted during the most recent collection interval.”

::= {tpSCCPTableEntry 5}

## tpSCCPUDTRcv OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows measurement SCCP: Total unit data messages received during the most recent collection interval.”

::= {tpSCCPTableEntry 6}

## tpSCCPUDTSRcv OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows measurement SCCP: Total unit data service messages received during the most recent collection interval.”

::= {tpSCCPTableEntry 7}

## tpSCCPTotalMsg OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows measurement SCCP: Total messages handled during the most recent collection interval.”

::= {tpSCCPTableEntry 8}

## CALL Table

## tpCALLTable OBJECT-TYPE

SYNTAX SEQUENCE OF TpCALLTableEntry

MAX-ACCESS not-accessible

STATUS current

## DESCRIPTION

“This table defines CALL statistics”

::= {tpMeasurement 17}

## tpCALLTableEntry OBJECT-TYPE

SYNTAX TpCALLTableEntry

MAX-ACCESS not-accessible

STATUS current

## DESCRIPTION

“This table defines CALL statistics”

INDEX {tpComponentId,tpCALLCollectTimeInterval}

::= {tpCALLTable 1}

## TpCALLTableEntry ::=

SEQUENCE

```
{
  tpCALLCollectTimeInterval
    Counter32,
  tpCALLCollectTime
    TimeTicks,
  tpCALLSuccCallTOT
    Counter32,
  tpCALLFailCallTOT
    Counter32,
  tpCALLRUFailCallTOT
    Counter32,
  tpCALLORFailCallTOT
    Counter32,
  tpCALLOLFailCallTOT
    Counter32
}
```

## tpCALLCollectTimeInterval OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

## DESCRIPTION

“This object shows measurement time interval seconds.”

::= {tpCALLTableEntry 1}

tpCALLCollectTime OBJECT-TYPE

SYNTAX TimeTicks

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measur time.”

::= {tpCALLTableEntry 2}

tpCALLSuccCallTOT OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement: Total Successful Calls during the most recent collection interval.”

::= {tpCALLTableEntry 3}

tpCALLFailCallTOT OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement: Total Failed Calls during the most recent collection interval.”

::= {tpCALLTableEntry 4}

tpCALLRUFailCallTOT OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement: Failed calls caused by Resource-Unavailable during the most recentcollection interval.”

::= {tpCALLTableEntry 5}

tpCALLORFailCallTOT OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement: Failed Calls of other cause code during the most recent collection interval.”

::= {tpCALLTableEntry 6}

tpCALLOLFailCallTOT OBJECT-TYPE

SYNTAX Counter32

MAX-ACCESS read-only

STATUS current

DESCRIPTION

“This object shows measurement: Failed Calls of overload condition during the most recent collection interval.”

::= {tpCALLTableEntry 7}

