Unify OpenScape 4000/HiPath 4000

Country Adaptations

Country Adaptations

Service Documentation
06/2018

A31003-H3100-S105-06-7620

Mitel

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Contents

1 Country Adaptation for Argentina (ARG)

Status:

The HiPath 4000 V1.0 for Argentina has reached technical milestone M3.

Software basis: V1.0 SMR 09

Central office: EWSD

IMPORTANT: The informations given in this chapter are valid only at the release date of this document. It can not be ensured, that all parameters or links are valid for the whole life time of this HiPath 4000 V1.0 version.

1.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  a) DIUN2 (Q2196-X) - incoming and outgoing digital tie trunk

  b) TMANI (Q2327-X100) - bothway analog PTT trunk, with GEE

  c) TMANI (Q2327-X101) - bothway analog PTT trunk, without GEE

  d) DIUC64 (Q2185-X) - incoming and outgoing PTT trunk

- Software

  Details can be found in the country AKABAM.

  a) Tone table ARG (04

  b) SWU Text Version: S0-TJx.20 spanish

1.2 Restrictions

Details can be found in the country AKABAM.

1.3 Hardware

1.3.1 Data As Used During Fieldtrial

Hardware	Partnumber S30810-	OS version	Loadware :PDS:APSP/LTG/	Firmware
DIUN2	Q2196-X	V1.6 00/01/04	LGA1/PZFDUN20	- 04 -
TMANI	Q2327-X100			
TMANI	Q2327-X101			
DIUC64	Q2185-X	081XF2003	LGA1/PZFDUN20	D248-D

1.3.2 Data Planned From Development

no changes

1.4 Country Specific Parameters

1.4.1 General

- AMO ZAND parameter used during the field trial:

```
CHANGE-
ZAND:ALLDATA,EXTEND,YES,RTA1,YES,NO,RTA1&RTA2,NO,MUSIC,TONE,3
0,YES,NO,DDMM,"0",NO,"1",,80,100,YES,NO,"4",YES,0,5,NO,163,MO
DE1,7631,YES,NO,YES,YES,NO,NO,NO,YES,NO,NO,NO,NO,NO,NO,NO,YES
,YES,NO,YES,YES,NO;

CHANGE-
ZAND:ALLDATA2,NO,NO,YES,NO,NO,YES,NO,NO,4,YES,NO,NO,NO,NO,NO,
PRESSBUT,CENTER,HICOM,YES,NO,"STANDARD",NO,YES,NO,1,NO,NO,"LL
AMADAANONIMA
",YES,NO,NO,NO,SPANISH,YES,NODIV,NO,NO,NO,SWITOVER,NO,NO,YES,
NO,,NO,INTDNIS,NO,NO,NO,"0";

CHANGE-ZAND:ALLDATA3,20,YES,YES,NO,,NO,NO,NO;

CHANGE-
ZAND:RNGTYPE,"DBLR2","SGLR2","DBLR1","SGLR1","SGLR2","SGLR1",
"SGLR2","PRR","MTR","SGLR1","SGLR1","SGLR2";

CHANGE-ZAND:LOADWARE,"DCAS","F";

CHANGE-ZAND:CCM,YES,RNGBK,NO,YES,NO,NO,NO,NO,NO,NO,NO,NO,NO;

CHANGE-ZAND:CIT,50,0,"      ",;

CHANGE-ZAND:TN,"00","00","00","0";

CHANGE-ZAND:CONFC,ALAW,0,3;
```

```
CHANGE-ZAND:OPTLOAD;

CHANGE-ZAND:OPTTBL,2,2,C1,;

CHANGE-ZAND:OPTTBL,6,42,70,;

CHANGE-ZAND:OPTTBL,6,43,70,;

CHANGE-ZAND:OPTTBL,9,3,8,;

CHANGE-ZAND:OPTTBL,10,3,32,;

CHANGE-ZAND:OPTTBL,10,73,0,;

CHANGE-
ZAND:DIUSL,1,NOACT,REMAL&REMAL64&LOFRA64&AIS64&NOSIG64&REMCRC
,RES;

CHANGE-ZAND:CCD,AMOUNT,1,"1",YES,NO;

CHANGE-
ZAND:ATND,5,EXTM,NO,YES,NO,NO,NO,NO,NO,NO,NO,NO,NO,NO,NO,0,NO
,NO,NO,NO,1,YES,NO,NO,NO;

CHANGE-
ZAND:OPTISET,"24HOUR",EUROPE,SPANISH&GERMAN&GERMAN&GERMAN&GER
MAN,19,2,2,2,4,4,NORMAL,50,7,YES,"2",NO,4,2,3,NO,NO,NO,NO,NO,
" ";

CHANGE-ZAND:SIUXPER,"0","0";

CHANGE-ZAND:ACD,YES,YES,,NO,NO,NO;

CHANGE-ZAND:ACD,NO,,0,,NO,NO;

CHANGE-ZAND:ACD,YES,,,,NO,NO;

CHANGE-ZAND:VMI,NO,6,4,NO,NO,NO,NO;

CHANGE-ZAND:DOMAIN,PRIVATE,1;

CHANGE-ZAND:KEYSYS,NO,NO,YES,YES;

CHANGE-ZAND:ACC,F,NO;

CHANGE-ZAND:LEDTYPE,"FAST","SLOW","OFF","SLOW","FAST";

CHANGE-ZAND:DIST,1,CFU,10,CFU;

CHANGE-ZAND:DIST,1,CFB,1,NONE;

CHANGE-ZAND:DIST,1,CFNR,1,NONE;

CHANGE-ZAND:DIST,1,CD,1,NONE;

CHANGE-ZAND:DIST,2,CFU,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,2,CFB,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,2,CFNR,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,2,CD,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,3,CFU,10,CFU;

CHANGE-ZAND:DIST,3,CFB,1,NONE;

CHANGE-ZAND:DIST,3,CFNR,1,NONE;

CHANGE-ZAND:DIST,3,CD,1,NONE;

CHANGE-ZAND:DIST,4,CFU,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,4,CFB,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,4,CFNR,10,CFU&CFB&CFNR&CD;
```

```
CHANGE-ZAND:DIST,4,CD,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,5,CFU,10,CFU;
CHANGE-ZAND:DIST,5,CFB,1,NONE;
CHANGE-ZAND:DIST,5,CFNR,1,NONE;
CHANGE-ZAND:DIST,5,CD,1,NONE;
CHANGE-ZAND:DIST,6,CFU,10,CFU;
CHANGE-ZAND:DIST,6,CFB,1,NONE;
CHANGE-ZAND:DIST,6,CFNR,1,NONE;
CHANGE-ZAND:DIST,6,CD,1,NONE;
CHANGE-ZAND:DIST,7,CFU,10,CFU;
CHANGE-ZAND:DIST,7,CFB,1,NONE;
CHANGE-ZAND:DIST,7,CFNR,1,NONE;
CHANGE-ZAND:DIST,7,CD,1,NONE;
CHANGE-ZAND:DIST,8,CFU,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,8,CFB,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,8,CFNR,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,8,CD,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,9,CFU,10,CFU;
CHANGE-ZAND:DIST,9,CFB,1,NONE;
CHANGE-ZAND:DIST,9,CFNR,1,NONE;
CHANGE-ZAND:DIST,9,CD,1,NONE;
CHANGE-ZAND:DIST,10,CFU,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,10,CFB,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,10,CFNR,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,10,CD,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:MLPP,NO,NO,NO,,0-0-0-0-0;
```

1.4.2 Module TMANI (Q2327-X100/Q2327-X101)

1.4.2.1 Data As Used During Field Trial

- BCSU parameters

  ```
  ADD-BCSU:PER,1,1,121,"Q2327-X100",0,"0",,,,,A;
  ```

  or

  ```
  ADD-BCSU:PER,1,1,121,"Q2327-X101",0,"0",,,,,A;
  ```

- PTIME parameters

  ```
  COPY-PTIME:87,16;
  ```

- COP parameters

```
ADD-COP:1,DTMF&LSUP&RLSA&TIM1&NSDL&DTM1,TA,TA,,;
```

- COT parameters

```
ADD-COT:2,AEOD&NTON,,;
```

- TACSU parameters

```
ADD-TACSU:1-1-121-0,,2,1,0,0,14,1,1,,1,6,"LINEA DTMF
",199,199,2,1,EMPTY,0,NONE,NONE,1,EC&G711&G729OPT,"
",0,GDTR,0,,Y,TC,ANMOSIG,0,,0,0,1,16,1,0,MOSIG-DTMF,0-0,0;
```

1.4.2.2 Data Planned From Development

no changes

1.4.3 Module DIUC64 (Q2185-X)

1.4.3.1 Data As Used During Field Trial

- BCSU parameters

```
ADD-BCSU:DIU,1,1,109,"Q2185-X   ","F",1,1,1,1,0,,,,,A;
```

- COP parameters

```
ADD-COP:55,ANS&LSUP&RLSA&TDED,TA,TA,,;
```

```
CHANGE-COP:55,COPADD,,,,DIUCQ421,"PARA DIUCQ421 DDE";
```

- COT parameters

```
ADD-
COT:56,RCL&XFER&ANS&MFC&AEOD&CEBC&ITRN&BSHT&CECO&ICZL&ICZO&CC
TN&NTON,,;
```

```
CHANGE-COT:56,COTADD,,INDEP,"PARA DIUCQ421 DDE";
```

- PTIME parameters

```
COPY-PTIME:49,20;
```

```
CHANGE-PTIME:REST,20,LONG,100,,,,60,,;
```

```
CHANGE-PTIME:REST,20,SHORT,100,,,,,,,,,,1,,;
```

```
CHANGE-PTIME:REST,20,PARA,,,,0,,,0,1,,0,,,,;
```

- MFCTA parameters

```
COPY-MFCTA:18,1;
```

```
CHANGE-
MFCTA:1,MFCVAR,MISC,,,,IDNOCAT&IDCAT&NOMFCMO&CATTOID,N,,N,,N,
,N,;
```

```
CHANGE-MFCTA:1,MFCVAR,SUPERV,,,,,,,,,,,,,,,0,,;
```

```
CHANGE-MFCTA:1,TBLF,BSIGB,3,NOPO;

CHANGE-MFCTA:1,TBLF,BIDENT,1,INCO;

CHANGE-MFCTA:1,TBLF,BIDENT,6,FRCHG;
```

- TACSU parameters

```
ADD-TACSU:1-1-109-1,,56,55,0,0,12,32,1,,2,0,"DDE-TELECOM
",103,104,0,1,EMPTY,0,NONE,NONE,1,EC&G711&G729OPT,"
",0,GDTR,0,,Y,TC,DIUCQ421,2,,0,1,1,20,1,0,MFC-MFC,0-0,0;
```

1.4.3.2 Data Planned From Development

no changes

1.4.4 Module DIUN2 (Q2196-X)

1.4.4.1 Data As Used During Field Trial

- BCSU parameters

```
ADD-BCSU:DIU,1,1,97,"Q2196-X   ","0",,,,,1,,,,,A;
```

- COP parameters

```
ADD-COP:15,L3AR,TA,TA,,;

CHANGE-COP:15,COPADD,,,,INDEP,"PARA DIUS2";
```

- COT parameters

```
COT:15,XFER&ANS&KNOR&CEOC&CEBC&CBBN&CBFN&FNAN&COTN&BSHT&ROPT&
CECO&TSCS&CFOS&CFVA&PINR&NOSD&NTON,,;

CHANGE-COT:15,COTADD,,INDEP,"PARA DIUS2";
```

- TDCSU parameters

```
ADD-TDCSU:NEW,1-01-097-0,15,15,0,0,14,32,1,"ENLACE-H350
",3,"ECMAV2",8,,NONE,,,,GDTR,N,TIE,NONE,N,0,,,,,,,31,MANY,63,
0,1,1,EMPTY,15,5,N,,,,,,16,8,0,10,,EC&G711&G729OPT,,87,CIR,Y,
S2CONN,1&&30,N,1,2,0,0,0,0,0;
```

1.4.4.2 Data Planned From Development

no changes

1.4.5 Module DIUN2 (Q2196-X)

1.4.5.1 Data As Used During Field Trial

none

1.4.5.2 Data Planned From Development

- BCSU parameters

```
ADD-BCSU:DIU,1,1,97,"Q2196-X   ","0",,,,,1,,,,,A;
```

- COP parameters

```
ADD-COP:55,ANS&LSUP&RLSA&TDED,TA,TA,,;
```

```
CHANGE-COP:55,COPADD,,,,DIUCQ421,"PARA DIUCQ421 DDE";
```

- COT parameters

```
ADD-
COT:56,RCL&XFER&ANS&MFC&AEOD&CEBC&ITRN&BSHT&CECO&ICZL&ICZO&CC
TN&NTON,,;
```

```
CHANGE-COT:56,COTADD,,INDEP,"PARA DIUCQ421 DDE";
```

- PTIME parameters

```
COPY-PTIME:49,20;
```

```
CHANGE-PTIME:REST,20,LONG,100,,,,60,,;
```

```
CHANGE-PTIME:REST,20,SHORT,100,,,,,,,,,,1,,;
```

```
CHANGE-PTIME:REST,20,PARA,,,,0,,,0,1,,0,,,,;
```

- MFCTA parameters

```
COPY-MFCTA:18,1;
```

```
CHANGE-
MFCTA:1,MFCVAR,MISC,,,,IDNOCAT&IDCAT&NOMFCMO&CATTOID,N,,N,,N,
,N,;
```

```
CHANGE-MFCTA:1,MFCVAR,SUPERV,,,,,,,,,,,,,,,0,,;
```

```
CHANGE-MFCTA:1,TBLF,BSIGB,3,NOPO;
```

```
CHANGE-MFCTA:1,TBLF,BIDENT,1,INCO;
```

```
CHANGE-MFCTA:1,TBLF,BIDENT,6,FRCHG;
```

- TACSU parameters

```
ADD-TACSU:1-1-97-1,,56,55,0,0,12,32,1,,2,0,"MFCR2-DIUN2
",103,104,0,1,EMPTY,0,NONE,NONE,1,EC&G711&G729OPT,"
",0,GDTR,0,,Y,TC,DIUCQ421,2,,0,1,1,20,1,0,MFC-MFC,0-0,0;
```

1.5 Country Specific Feature Description

no country specific features

1.6 Description of Patches / PRB's (preliminary corrections)

none

1.7 Open Problems At M3 EoF Date

none

2 Country Adaptation for Brazil (BRA)

Status:

The HiPath 4000 V1.0 for Barzil reached technical milestone M3.

Software basis: V1.0 SMR09 Rev 01

Central office: AXE Ericsson

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2.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  a) DIUN2 (Q2196-X) - incoming and outgoing PTT trunk with MFCR2

  b) DIUN2 (Q2196-X) - incoming and outgoing digital PTT trunk (ISDN)

  c) TMANI (Q2327-X182) - bothway analog PTT trunk.

  d) DIUC64 (Q2185-X) - incoming and outgoing PTT trunk with MFCR2

- Software

  Details can be found in the country AKABAM.

  a) Tone table BRA

  b) SWU Text Version: S0-TJx.20 portugese

2.2 Restrictions

Details can be found in the country AKABAM.

2.3 Hardware

2.3.1 Data As Used During Fieldtrial

Hardware	Partnumber S30810-	OS- version	Loadware :PDS:APSP/LTG/	Firmware
DIUC64	Q2185-X	081XF2003	LGA1/PZFDUN20	D248-D
TMANI	Q2327-X182			

2.3.2 Data Planned From Development

Hardware	Partnumber S30810-	OS- version	Loadware :PDS:APSP/LTG/	Firmware
DIUN2	Q2196-X	V1.6 00/01/ 04	LGA1/PZFDUN20	- 04 -

2.4 Country Specific Parameters

2.4.1 General

- AMO ZAND parameter used during the field trial:

```
CHANGE-
ZAND:ALLDATA,EXTEND,YES,RTA1,YES,NO,RTA1&RTA2,NO,MUSIC,TONE,3
0,YES,NO,DDMM,"0",NO,"1",,80,100,YES,NO,"4",YES,0,5,NO,163,MO
DE1,7631,YES,NO,YES,YES,NO,NO,NO,YES,NO,NO,NO,NO,NO,NO,NO,YES
,YES,NO,YES,YES,NO;

CHANGE-
ZAND:ALLDATA2,NO,NO,YES,NO,NO,YES,NO,NO,4,YES,NO,NO,NO,NO,NO,
PRESSBUT,CENTER,HICOM,YES,NO,"STANDARD",NO,YES,NO,1,NO,NO,"LL
AMADAANONIMA
",YES,NO,NO,NO,SPANISH,YES,NODIV,NO,NO,NO,SWITOVER,NO,NO,YES,
NO,,NO,INTDNIS,NO,NO,NO,"0";

CHANGE-ZAND:ALLDATA3,20,YES,YES,NO,,NO,NO,NO;

CHANGE-
ZAND:RNGTYPE,"DBLR2","SGLR2","DBLR1","SGLR1","SGLR2","SGLR1",
"SGLR2","PRR","MTR","SGLR1","SGLR1","SGLR2";

CHANGE-ZAND:LOADWARE,"DCAS","F";

CHANGE-ZAND:CCM,YES,RNGBK,NO,YES,NO,NO,NO,NO,NO,NO,NO,NO,NO;

CHANGE-ZAND:CIT,50,0,"      ",;
```

```
CHANGE-ZAND:TN,"00","00","00","0";

CHANGE-ZAND:CONFC,ALAW,0,3;

CHANGE-ZAND:OPTLOAD;

CHANGE-ZAND:OPTTBL,2,2,C1,;

CHANGE-ZAND:OPTTBL,6,42,70,;

CHANGE-ZAND:OPTTBL,6,43,70,;

CHANGE-ZAND:OPTTBL,9,3,8,;

CHANGE-ZAND:OPTTBL,10,3,32,;

CHANGE-ZAND:OPTTBL,10,73,0,;

CHANGE-
ZAND:DIUSL,1,NOACT,REMAL&REMAL64&LOFRA64&AIS64&NOSIG64&REMCRC
,RES;

CHANGE-ZAND:CCD,AMOUNT,1,"1",YES,NO;

CHANGE-
ZAND:ATND,5,EXTM,NO,YES,NO,NO,NO,NO,NO,NO,NO,NO,NO,NO,NO,0,NO
,NO,NO,NO,1,YES,NO,NO,NO;

CHANGE-
ZAND:OPTISET,"24HOUR",EUROPE,SPANISH&GERMAN&GERMAN&GERMAN&GER
MAN,19,2,2,2,4,4,NORMAL,50,7,YES,"2",NO,4,2,3,NO,NO,NO,NO,NO,
" ";

CHANGE-ZAND:SIUXPER,"0","0";

CHANGE-ZAND:ACD,YES,YES,,NO,NO,NO;

CHANGE-ZAND:ACD,NO,,0,,NO,NO;

CHANGE-ZAND:ACD,YES,,,,NO,NO;

CHANGE-ZAND:VMI,NO,6,4,NO,NO,NO,NO;

CHANGE-ZAND:DOMAIN,PRIVATE,1;

CHANGE-ZAND:KEYSYS,NO,NO,YES,YES;

CHANGE-ZAND:ACC,F,NO;

CHANGE-ZAND:LEDTYPE,"FAST","SLOW","OFF","SLOW","FAST";

CHANGE-ZAND:DIST,1,CFU,10,CFU;

CHANGE-ZAND:DIST,1,CFB,1,NONE;

CHANGE-ZAND:DIST,1,CFNR,1,NONE;

CHANGE-ZAND:DIST,1,CD,1,NONE;

CHANGE-ZAND:DIST,2,CFU,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,2,CFB,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,2,CFNR,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,2,CD,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,3,CFU,10,CFU;

CHANGE-ZAND:DIST,3,CFB,1,NONE;

CHANGE-ZAND:DIST,3,CFNR,1,NONE;

CHANGE-ZAND:DIST,3,CD,1,NONE;

CHANGE-ZAND:DIST,4,CFU,10,CFU&CFB&CFNR&CD;
```

```
CHANGE-ZAND:DIST,4,CFB,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,4,CFNR,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,4,CD,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,5,CFU,10,CFU;
CHANGE-ZAND:DIST,5,CFB,1,NONE;
CHANGE-ZAND:DIST,5,CFNR,1,NONE;
CHANGE-ZAND:DIST,5,CD,1,NONE;
CHANGE-ZAND:DIST,6,CFU,10,CFU;
CHANGE-ZAND:DIST,6,CFB,1,NONE;
CHANGE-ZAND:DIST,6,CFNR,1,NONE;
CHANGE-ZAND:DIST,6,CD,1,NONE;
CHANGE-ZAND:DIST,7,CFU,10,CFU;
CHANGE-ZAND:DIST,7,CFB,1,NONE;
CHANGE-ZAND:DIST,7,CFNR,1,NONE;
CHANGE-ZAND:DIST,7,CD,1,NONE;
CHANGE-ZAND:DIST,8,CFU,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,8,CFB,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,8,CFNR,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,8,CD,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,9,CFU,10,CFU;
CHANGE-ZAND:DIST,9,CFB,1,NONE;
CHANGE-ZAND:DIST,9,CFNR,1,NONE;
CHANGE-ZAND:DIST,9,CD,1,NONE;
CHANGE-ZAND:DIST,10,CFU,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,10,CFB,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,10,CFNR,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,10,CD,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:MLPP,NO,NO,NO,,0-0-0-0-0;
```

2.4.2 Module DIUC64 (Q2185-X)

2.4.2.1 Data As Used During Field Trial

- BCSU parameters

  ```
  ADD-BCSU:DIU,1,1,109,"Q2185-X   ","F",1,1,1,1,0,,,,,A;
  ```

- COP parameters

  ```
  ADD-COP:55,ANS&LSUP&RLSA&TDED,TA,TA,,;
  CHANGE-COP:55,COPADD,,,,DIUCQ421,"PARA DIUCQ421 DDE";
  ```

- COT parameters

```
ADD-
COT:56,RCL&XFER&ANS&MFC&AEOD&CEBC&ITRN&BSHT&CECO&ICZL&ICZO&CC
TN&NTON,,;
```

```
CHANGE-COT:56,COTADD,,INDEP,"PARA DIUCQ421 DDE";
```

- MFCTA parameters

```
COPY-MFCTA:18,2;
```

```
CHANGE-
MFCTA:2,MFCVAR,MISC,,,,IDCAT&IDBEFBS&NOMFCMO&CATTOID,Y,0,Y,0,
Y,11,N,;
```

```
CHANGE-MFCTA:2,MFCVAR,SUPERV,,,,,,,,20000,,,,,,,0,,;
```

```
CHANGE-MFCTA:2,TBLB,FORIA,4,COIN,IDSEND,,,,,;
```

```
CHANGE-MFCTA:2,TBLB,FIDENT,12,EOD;
```

```
CHANGE-MFCTA:2,TBLB,BSIGB,NAVA,8,;
```

```
CHANGE-MFCTA:2,TBLF,BSIGB,2,NEWNO;
```

```
CHANGE-MFCTA:2,TBLF,BSIGB,3,FRNCHG;
```

```
CHANGE-MFCTA:2,TBLF,BSIGB,7,FRNCHG;
```

```
CHANGE-MFCTA:2,TBLF,BIDENT,1,INCO;
```

```
CHANGE-MFCTA:2,TBLF,BIDENT,6,FRCHG;
```

```
CHANGE-MFCTA:2,TBLF,BIDENT,7,FRNCHG;
```

```
CHANGE-MFCTA:2,TBLF,BSIG2,AXRLS,1,,1;
```

```
CHANGE-MFCTA:2,TBLF,DIALOUT,10,11,DIAL;
```

```
CHANGE-MFCTA:2,TBLF,DIALOUT,11,13,DIAL;
```

- PTIME parameters

```
COPY-PTIME:2,1;
```

```
CHANGE-PTIME:REST,1,SHORT,70,90,0,,,,,,,,,,;
```

```
CHANGE-PTIME:REST,1,PARA,,1,,,,,,,,,,,;
```

- TACSU parameters

```
ADD-TACSU: 1-1-109-1,,56,55,0,0,12,32,1,,2,0,"DDE-TELECOM
",103,104,0,1,EMPTY,0,NONE,NONE,1,EC&G711&G729OPT,"
",0,GDTR,0,,Y,TC,DIUCQ421,2,,0,1,1,20,1,0,MFC-MFC,0-0,0;
```

2.4.2.2 Data Planned From Development

no changes

2.4.3 Module TMANI (Q2327-X182)

2.4.3.1 Data As Used During Field Trial

- PTIME Parameter Description

  Device=ANMOSIG ; PTIME initblock = 87

- BCSU parameters

```
ADD-BCSU:PER,1,1,121,"Q2327-X182",0,"0",,,,,,A;
```

- COT parameters

```
ADD-COT:2,AEOD&NTON,,;
```

- COP parameters

```
ADD-COP:1,DTMF&LSUP&RLSA&TIM1&NSDL&DTM1,TA,TA,,;
```

- PTIME parameters

```
COPY-PTIME:87,16;
```

- TACSU parameters (DTMF-Dial)

```
ADD-TACSU:1-1-121-0,,2,1,0,0,14,1,1,,1,6,"LINEA DTMF
",199,199,2,1,EMPTY,0,NONE,NONE,1,EC&G711&G729OPT,"
",0,GDTR,0,,Y,TC,ANMOSIG,0,,0,0,1,16,1,0,MOSIG-DTMF,0-0,0;
```

2.4.4 Module DIUN2 (Q2196-X)

2.4.4.1 Data As Used During Field Trial

none

2.4.4.2 Data Planned From Development

- BCSU parameters

```
ADD-BCSU:DIU,1,1,97,"Q2196-X   ","0",,,,,1,,,,,A;
```

- COP parameters

```
ADD-COP:55,ANS&LSUP&RLSA&TDED,TA,TA,,;
```

```
CHANGE-COP:55,COPADD,,,,DIUCQ421,"PARA DIUCQ421 DDE";
```

- COT parameters

```
ADD-
COT:56,RCL&XFER&ANS&MFC&AEOD&CEBC&ITRN&BSHT&CECO&ICZL&ICZO&CC
TN&NTON,,;
```

```
CHANGE-COT:56,COTADD,,INDEP,"PARA DIUCQ421 DDE";
```

- MFCTA parameters

```
COPY-MFCTA:18,2;
CHANGE-
MFCTA:2,MFCVAR,MISC,,,,IDCAT&IDBEFBS&NOMFCMO&CATTOID,Y,0,Y,0,
Y,11,N,;
CHANGE-MFCTA:2,MFCVAR,SUPERV,,,,,,,,20000,,,,,,0,,;
CHANGE-MFCTA:2,TBLB,FORIA,4,COIN,IDSEND,,,,,;
CHANGE-MFCTA:2,TBLB,FIDENT,12,EOD;
CHANGE-MFCTA:2,TBLB,BSIGB,NAVA,8,;
CHANGE-MFCTA:2,TBLF,BSIGB,2,NEWNO;
CHANGE-MFCTA:2,TBLF,BSIGB,3,FRNCHG;
CHANGE-MFCTA:2,TBLF,BSIGB,7,FRNCHG;
CHANGE-MFCTA:2,TBLF,BIDENT,1,INCO;
CHANGE-MFCTA:2,TBLF,BIDENT,6,FRCHG;
CHANGE-MFCTA:2,TBLF,BIDENT,7,FRNCHG;
CHANGE-MFCTA:2,TBLF,BSIG2,AXRLS,1,,1;
CHANGE-MFCTA:2,TBLF,DIALOUT,10,11,DIAL;
CHANGE-MFCTA:2,TBLF,DIALOUT,11,13,DIAL;
```

- PTIME parameters

```
COPY-PTIME:2,1;
CHANGE-PTIME:REST,1,SHORT,70,90,0,,,,,,,,,,;
CHANGE-PTIME:REST,1,PARA,,1,,,,,,,,,,,;
```

- TACSU parameters

```
ADD-TACSU: 1-1-97-1,,56,55,0,0,12,32,1,,2,0,"MFCR2-CO-Trunk
",103,104,0,1,EMPTY,0,NONE,NONE,1,EC&G711&G729OPT,"
",0,GDTR,0,,Y,TC,DIUCQ421,2,,0,1,1,20,1,0,MFC-MFC,0-0,0;
```

2.5 Country Specific Feature Description

no country specific features

2.6 Description of Patches / PRB’s (preliminary corrections)

none

2.7 Open Problems At M3 EoF Date

none

3 Country Adaptation for Chile (CHL)

Status:

The HiPath 4000 V1.0 for Chile has reached technical milestone M3.

Software basis: V1.0 SMR08

Central office: AXE Ericsson

IMPORTANT: The informations given in this chapter are valid only at the release date of this document. It can not be ensured, that all parameters or links are valid for the whole life time of this HiPath 4000 V1.0 version.

3.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  a) DIUN2 (Q2196-X) - incoming and outgoing digital tie trunk

  b) TMANI (Q2327-X100) - bothway analog PTT trunk, with GEE

  c) TMANI (Q2327-X101) - bothway analog PTT trunk, without GEE

  d) DIUC64 (Q2185-X) - incoming and outgoing PTT trunk

- Software

  Details can be found in the country AKABAM.

  a) Tone table CHL

  b) SWU Text Version: S0-TJx.20 spanish

3.2 Restrictions

Details can be found in the country AKABAM.

3.3 Hardware

3.3.1 Data As Used During Fieldtrial

Hardware	Partnumber S30810-	OS- version	Loadware :PDS:APSP/LTG/	Firmware
DIUN2	Q2196-X	V1.6 00/01/04	LGA1/PZFDUN20	- 04 -
TMANI	Q2327-X100			
TMANI	Q2327-X101			
DIUC64	Q2185-X	081XF2003	LGA1/PZFDUN20	D248-D

3.3.2 Data Planned From Development

no changes

3.4 Country Specific Parameters

3.4.1 General

- AMO ZAND parameter used during the field trial:

```
CHANGE-
ZAND:ALLDATA,EXTEND,YES,RTA1,YES,NO,RTA1&RTA2,NO,MUSIC,TONE,3
0,YES,NO,DDMM,"0",NO,"1",,80,100,YES,NO,"4",YES,0,5,NO,163,MO
DE1,7631,YES,NO,YES,YES,NO,NO,NO,YES,NO,NO,NO,NO,NO,NO,NO,YES
,YES,NO,YES,YES,NO;

CHANGE-
ZAND:ALLDATA2,NO,NO,YES,NO,NO,YES,NO,NO,4,YES,NO,NO,NO,NO,NO,
PRESSBUT,CENTER,HICOM,YES,NO,"STANDARD",NO,YES,NO,1,NO,NO,"LL
AMADAANONIMA
",YES,NO,NO,NO,SPANISH,YES,NODIV,NO,NO,NO,SWITOVER,NO,NO,YES,
NO,,NO,INTDNIS,NO,NO,NO,"0";

CHANGE-ZAND:ALLDATA3,20,YES,YES,NO,,NO,NO,NO;

CHANGE-
ZAND:RNGTYPE,"DBLR2","SGLR2","DBLR1","SGLR1","SGLR2","SGLR1",
"SGLR2","PRR","MTR","SGLR1","SGLR1","SGLR2";

CHANGE-ZAND:LOADWARE,"DCAS","F";

CHANGE-ZAND:CCM,YES,RNGBK,NO,YES,NO,NO,NO,NO,NO,NO,NO,NO,NO;

CHANGE-ZAND:CIT,50,0,"      ",;

CHANGE-ZAND:TN,"00","00","00","0";

CHANGE-ZAND:CONFC,ALAW,0,3;
```

```
CHANGE-ZAND:OPTLOAD;

CHANGE-ZAND:OPTTBL,2,2,C1,;

CHANGE-ZAND:OPTTBL,6,42,70,;

CHANGE-ZAND:OPTTBL,6,43,70,;

CHANGE-ZAND:OPTTBL,9,3,8,;

CHANGE-ZAND:OPTTBL,10,3,32,;

CHANGE-ZAND:OPTTBL,10,73,0,;

CHANGE-
ZAND:DIUSL,1,NOACT,REMAL&REMAL64&LOFRA64&AIS64&NOSIG64&REMCRC
,RES;

CHANGE-ZAND:CCD,AMOUNT,1,"1",YES,NO;

CHANGE-
ZAND:ATND,5,EXTM,NO,YES,NO,NO,NO,NO,NO,NO,NO,NO,NO,NO,NO,0,NO
,NO,NO,NO,1,YES,NO,NO,NO;

CHANGE-
ZAND:OPTISET,"24HOUR",EUROPE,SPANISH&GERMAN&GERMAN&GERMAN&GER
MAN,19,2,2,2,4,4,NORMAL,50,7,YES,"2",NO,4,2,3,NO,NO,NO,NO,NO,
" ";

CHANGE-ZAND:SIUXPER,"0","0";

CHANGE-ZAND:ACD,YES,YES,,NO,NO,NO;

CHANGE-ZAND:ACD,NO,,0,,NO,NO;

CHANGE-ZAND:ACD,YES,,,,NO,NO;

CHANGE-ZAND:VMI,NO,6,4,NO,NO,NO,NO;

CHANGE-ZAND:DOMAIN,PRIVATE,1;

CHANGE-ZAND:KEYSYS,NO,NO,YES,YES;

CHANGE-ZAND:ACC,F,NO;

CHANGE-ZAND:LEDTYPE,"FAST","SLOW","OFF","SLOW","FAST";

CHANGE-ZAND:DIST,1,CFU,10,CFU;

CHANGE-ZAND:DIST,1,CFB,1,NONE;

CHANGE-ZAND:DIST,1,CFNR,1,NONE;

CHANGE-ZAND:DIST,1,CD,1,NONE;

CHANGE-ZAND:DIST,2,CFU,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,2,CFB,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,2,CFNR,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,2,CD,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,3,CFU,10,CFU;

CHANGE-ZAND:DIST,3,CFB,1,NONE;

CHANGE-ZAND:DIST,3,CFNR,1,NONE;

CHANGE-ZAND:DIST,3,CD,1,NONE;

CHANGE-ZAND:DIST,4,CFU,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,4,CFB,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,4,CFNR,10,CFU&CFB&CFNR&CD;
```

```
CHANGE-ZAND:DIST,4,CD,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,5,CFU,10,CFU;
CHANGE-ZAND:DIST,5,CFB,1,NONE;
CHANGE-ZAND:DIST,5,CFNR,1,NONE;
CHANGE-ZAND:DIST,5,CD,1,NONE;
CHANGE-ZAND:DIST,6,CFU,10,CFU;
CHANGE-ZAND:DIST,6,CFB,1,NONE;
CHANGE-ZAND:DIST,6,CFNR,1,NONE;
CHANGE-ZAND:DIST,6,CD,1,NONE;
CHANGE-ZAND:DIST,7,CFU,10,CFU;
CHANGE-ZAND:DIST,7,CFB,1,NONE;
CHANGE-ZAND:DIST,7,CFNR,1,NONE;
CHANGE-ZAND:DIST,7,CD,1,NONE;
CHANGE-ZAND:DIST,8,CFU,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,8,CFB,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,8,CFNR,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,8,CD,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,9,CFU,10,CFU;
CHANGE-ZAND:DIST,9,CFB,1,NONE;
CHANGE-ZAND:DIST,9,CFNR,1,NONE;
CHANGE-ZAND:DIST,9,CD,1,NONE;
CHANGE-ZAND:DIST,10,CFU,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,10,CFB,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,10,CFNR,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,10,CD,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:MLPP,NO,NO,NO,,0-0-0-0-0;
```

3.4.2 Module TMANI (Q2327-X100/Q2327-X101)

3.4.2.1 Data As Used During Field Trial

- BCSU parameters

  ```
  ADD-BCSU:PER,1,1,121,"Q2327-X100",0,"0",,,,,,A;
  ```

  or

  ```
  ADD-BCSU:PER,1,1,121,"Q2327-X101",0,"0",,,,,,A;
  ```

- PTIME parameters

  ```
  COPY-PTIME:87,16;
  ```

- COP parameters

```
ADD-COP:1,DTMF&LSUP&RLSA&TIM1&NSDL&DTM1,TA,TA,,;
```

- COT parameters

```
ADD-COT:2,AEOD&NTON,,;
```

- TACSU parameters

```
ADD-TACSU:1-1-121-0,,2,1,0,0,14,1,1,,1,6,"LINEA DTMF
",199,199,2,1,EMPTY,0,NONE,NONE,1,EC&G711&G729OPT,"
",0,GDTR,0,,Y,TC,ANMOSIG,0,,0,0,1,16,1,0,MOSIG-DTMF,0-0,0;
```

3.4.2.2 Data Planned From Development

no changes

3.4.3 Module DIUC64 (Q2185-X)

3.4.3.1 Data As Used During Field Trial

- BCSU parameters

```
ADD-BCSU:DIU,1,1,109,"Q2185-X   ","F",1,1,1,1,0,,,,,A;
```

- COP parameters

```
ADD-COP:55,ANS&LSUP&RLSA&TDED,TA,TA,,;
```

```
CHANGE-COP:55,COPADD,,,,DIUCQ421,"PARA DIUCQ421 DDE";
```

- COT parameters

```
ADD-
COT:56,RCL&XFER&ANS&MFC&AEOD&CEBC&ITRN&BSHT&CECO&ICZL&ICZO&CC
TN&NTON,,;
```

```
CHANGE-COT:56,COTADD,,INDEP,"PARA DIUCQ421 DDE";
```

- PTIME parameters

```
COPY-PTIME:49,20;
```

```
CHANGE-PTIME:REST,20,LONG,100,,,,60,,;
```

```
CHANGE-PTIME:REST,20,SHORT,100,,,,,,,,,,1,,;
```

```
CHANGE-PTIME:REST,20,PARA,,,,0,,,0,1,,0,,,,;
```

- MFCTA parameters

```
COPY-MFCTA:18,1;
```

```
CHANGE-
MFCTA:1,MFCVAR,MISC,,,,IDNOCAT&IDCAT&NOMFCMO&CATTOID,N,,N,,N,
,N,;
```

```
CHANGE-MFCTA:1,MFCVAR,SUPERV,,,,,,,,,,,,,,,0,,;
```

```
CHANGE-MFCTA:1,TBLF,BSIGB,3,NOPO;

CHANGE-MFCTA:1,TBLF,BIDENT,1,INCO;

CHANGE-MFCTA:1,TBLF,BIDENT,6,FRCHG;
```

- TACSU parameters

```
ADD-TACSU:1-1-109-1,,56,55,0,0,12,32,1,,2,0,"DDE-TELECOM
",103,104,0,1,EMPTY,0,NONE,NONE,1,EC&G711&G729OPT,"
",0,GDTR,0,,Y,TC,DIUCQ421,2,,0,1,1,20,1,0,MFC-MFC,0-0,0;
```

3.4.3.2 Data Planned From Development

no changes

3.4.4 Module DIUN2 (Q2196-X)

3.4.4.1 Data As Used During Field Trial

- BCSU parameters

```
ADD-BCSU:DIU,1,1,97,"Q2196-X   ","0",,,,,1,,,,,A;
```

- COP parameters

```
ADD-COP:15,L3AR,TA,TA,,;

CHANGE-COP:15,COPADD,,,,INDEP,"PARA DIUS2";
```

- COT parameters

```
COT:15,XFER&ANS&KNOR&CEOC&CEBC&CBBN&CBFN&FNAN&COTN&BSHT&ROPT&
CECO&TSCS&CFOS&CFVA&PINR&NOSD&NTON,,;

CHANGE-COT:15,COTADD,,INDEP,"PARA DIUS2";
```

- TDCSU parameters

```
ADD-TDCSU:NEW,1-01-097-0,15,15,0,0,14,32,1,"ENLACE-H350
",3,"ECMAV2",8,,NONE,,,,GDTR,N,TIE,NONE,N,0,,,,,,,31,MANY,63,
0,1,1,EMPTY,15,5,N,,,,,,16,8,0,10,,EC&G711&G729OPT,,87,CIR,Y,
S2CONN,1&&30,N,1,2,0,0,0,0,0;
```

3.4.4.2 Data Planned From Development

no changes

3.4.5 Module DIUN2 (Q2196-X)

3.4.5.1 Data As Used During Field Trial

none

3.4.5.2 Data Planned From Development

- BCSU parameters

```
ADD-BCSU:DIU,1,1,97,"Q2196-X   ","0",,,,,1,,,,,A;
```

- COP parameters

```
ADD-COP:55,ANS&LSUP&RLSA&TDED,TA,TA,,;
```

```
CHANGE-COP:55,COPADD,,,,DIUCQ421,"PARA DIUCQ421 DDE";
```

- COT parameters

```
ADD-
COT:56,RCL&XFER&ANS&MFC&AEOD&CEBC&ITRN&BSHT&CECO&ICZL&ICZO&CC
TN&NTON,,;
```

```
CHANGE-COT:56,COTADD,,INDEP,"PARA DIUCQ421 DDE";
```

- PTIME parameters

```
COPY-PTIME:49,20;
```

```
CHANGE-PTIME:REST,20,LONG,100,,,,60,,;
```

```
CHANGE-PTIME:REST,20,SHORT,100,,,,,,,,,,1,,;
```

```
CHANGE-PTIME:REST,20,PARA,,,,0,,,0,1,,0,,,,;
```

- MFCTA parameters

```
COPY-MFCTA:18,1;
```

```
CHANGE-
MFCTA:1,MFCVAR,MISC,,,,IDNOCAT&IDCAT&NOMFCMO&CATTOID,N,,N,,N,
,N,;
```

```
CHANGE-MFCTA:1,MFCVAR,SUPERV,,,,,,,,,,,,,,,0,,;
```

```
CHANGE-MFCTA:1,TBLF,BSIGB,3,NOPO;
```

```
CHANGE-MFCTA:1,TBLF,BIDENT,1,INCO;
```

```
CHANGE-MFCTA:1,TBLF,BIDENT,6,FRCHG;
```

- TACSU parameters

```
ADD-TACSU:1-1-97-1,,56,55,0,0,12,32,1,,2,0,"MFCR2-DIUN2
",103,104,0,1,EMPTY,0,NONE,NONE,1,EC&G711&G729OPT,"
",0,GDTR,0,,Y,TC,DIUCQ421,2,,0,1,1,20,1,0,MFC-MFC,0-0,0;
```

3.5 Country Specific Feature Description

no country specific features

3.6 Description of Patches / PRB's (preliminary corrections)

none

3.7 Open Problems At M3 EoF Date

none

4 Country Adaptation for China (CHN)

Status:

The HiPath 4000 V1.0 for China has reached technical milestone M3.

5 Country Adaptation for Czech Republic (CRE)

Status:

The HiPath 4000 V1.0 for Czech Republic has reached technical milestone M3.

6 Country Adaptation for Denmark (DAN)

Status:

The HiPath 4000 V1.0 for Denmark has reached technical milestone M3.

Software basis:

Central office: EWSD

IMPORTANT: The informations given in this chapter are valid only at the release date of this document. It can not be ensured, that all parameters or links are valid for the whole life time of this HiPath 4000 V1.0 version.

6.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  a) DIUN2 (Q2196-X) - incoming and outgoing ISDN PTT trunk

- Software

  Details can be found in the country AKABAM.

  a) Tone table DAN

  b) SWU Text Version: S0-TJx.20 danish

6.2 Restrictions

Details can be found in the country AKABAM.

6.3 Hardware

6.3.1 Data As Used During Fieldtrial

Hardware	Partnumber S30810-	OS version	Loadware :PDS:APSP/LTG/	Firmware
DIUN2	Q2196-X	20.038 23.10.01	PZFDUN20	- 06 -

6.3.2 Data Planned From Development

no changes

6.4 Country Specific Parameters

6.4.1 General

AMO ZAND parameter used during the field trial:

```
AEND-
ZAND:DATENALL,UEBERG,NEIN,FBKW,NEIN,NEIN,FBKW,NEIN,MUSIK,TON,10,
JA,JA, TTMM,0,NEIN,1,,80,100,JA,NEIN,7,NEIN,0,5,NEIN,1-1-
300,MODE1,,JA,NEIN,NEIN,JA,JA,JA,NEIN,JA,NEIN,NEIN,NEIN,NEIN,NEI
N,NEIN,NEIN,NEIN,NEIN,NEIN,JA,NEIN,NEIN;

AEND-
ZAND:DATEN2,NEIN,NEIN,NEIN,JA,NEIN,NEIN,NEIN,NEIN,10,NEIN,NEIN,J
A,NEIN,NEIN,JA,TASTDRUK,ZENTR,HICOM,JA,NEIN,STANDARD,NEIN,JA,NEI
N,32,NEIN,NEIN,*XXX*,NEIN,NEIN,JA,NEIN,DAENISCH&DEUTSCH&ENGLISCH
&SCHWED&NORWEG,NEIN,NODIV,NEIN,NEIN,NEIN,SWITOVER,NEIN,NEIN,JA,N
EIN,,NEIN,INTDNIS,JA,NEIN,NEIN,0;

AENDERN-ZAND:DATEN3,20,JA,JA,NEIN,,NEIN,NEIN,NEIN;

AENDERN-
ZAND:RUFTYP,DOPPELRUF2,EINFACHRUF2,DOPPELRUF1,EINFACHRUF1,EINFAC
HRUF2,EINFACHRUF1,EINFACHRUF2,NOTRUF,MEHRTONRUF,EINFACHRUF1,EINF
ACHRUF1,EINFACHRUF2;

AEND-
ZAND:PSM,JA,FREITON,NEIN,JA,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,N
EIN,NEIN;

AEND-ZAND:CIT,50,0,,;

AEND-ZAND:TOENE,0H,0C,00,H;

AEND-ZAND:CONFC,ALAW,0,3;

AEND-ZAND:OPTLOAD;
```

```
AEND-ZAND:DIUWSP,1,KEINEAKT,REMAL&REMAL64&LOFRA64&AIS64&NOSIG64&
REMCRC,ND;

AEND-ZAND:GE,EINHEIT,23,1,NEIN,NEIN;

AEND-
ZAND:VF,2,VERMB,JA,JA,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,NE
IN,NEIN,NEIN,0,NEIN,NEIN,JA,JA,1,NEIN,NEIN,NEIN,NEIN;

AENDERN-
ZAND:OPTISET,24STD,EUROPA,DEUTSCH&ENGLISCH&DEUTSCH&DEUTSCH&DEUTS
CH,19,4,2,2,1,4,NORMAL,50,7,JA,2,NEIN,4,2,3,NEIN,NEIN,NEIN,NEIN,
NEIN,"              JYSK A/S";

AEND-ZAND:SIUXPER,0,0;

AEND-ZAND:ACD,NEIN,NEIN,,NEIN,NEIN,NEIN;

AEND-ZAND:VMI,NEIN,8,6,NEIN,NEIN,NEIN,NEIN;

AEND-ZAND:DOMAIN,PRIVAT,1;

AEND-ZAND:KEYSYS,NEIN,NEIN,JA,JA;

AEND-ZAND:ACC,F,NEIN;

AENDERN-ZAND:LEDTYP,SCHNELL,LANGSAM,AUS,LANGSAM, SCHNELL;

AENDERN-ZAND:MLPP,NEIN,NEIN,NEIN,"",0-0-0-0-0;
```

6.4.2 Module DIUN2 (Q2196-X)

6.4.2.1 Data As Used During Field Trial

- BCSU parameters

  ```
  EINR-BCSU:DIU,1,1,97,"Q2196-X   ","0",,,,1,,,,,A;
  ```

- COT parameters

  ```
  EINRICHTEN-
  COT:1,PRIO&UASE&UELM&AWTE&SAAO&LOKN&ASAO&OLCR&MVNA&WANS&VKNN&
  OLRD& KSDL&KTON;

  AENDERN-COT:1,COTZU,,S2AMT, "S2A ETSI";
  ```

- COP parameters

  ```
  EINRICHTEN-COP:1,,FBKW,FBKW;
  ```

- PRODE parameters

  ```
  KOPIEREN-PRODE:PVCD,8;

  KOPIEREN-PRODE:PD,32,PD06;

  AENDERN-PRODE:PD,PD06,VERW,,JA,PSS1V2;

  AENDERN-PRODE:VARTAB,PSS1V2,PD06,,;
  ```

- TDCSU parameters

```
EINR-TDCSU:NEU,1-01-073-0,1,1,0,0,38,32,32,"S0AMT
",13,ETSI,1,,KEINE,,,,GDTR,N,AMT,KEINE,N,0, ,,,,,
,31,VIELE,1-1-
13,2,1,1,LEER,1,1,N,,,,,,16,8,0,10,1,EC&G711&G729OPT
,"",13,ZYK,J,S0AMT, ,J,J,N,0,0,J;
```

6.4.2.2 Data Planned From Development

no changes

6.5 Country Specific Feature Description

no country specific features

6.6 Description of Patches / PRB's (preliminary corrections)

none

6.7 Open Problems At M3 EoF Date

none

7 Country Adaptation for Egypt (EGY)

Status:

The HiPath 4000 V1.0 for Egypthas reached technical milestone M3.

Software basis: V1.0-10 revision 02

Central office: EWSD

IMPORTANT: The informations given in this chapter are valid only at the release date of this document. It can not be ensured, that all parameters or links are valid for the whole life time of this HiPath 4000 V1.0 version.

7.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  a) DIUN2(Q2196-X) - incoming and outgoing digital TIE trunk

  b) TMANI (Q2327-X100) - bothway analog PTT trunk, with GEE

  c) TMANI (Q2327-X101) - bothway analog PTT trunk, without GEE

  d) SLMA3(Q2191-X) - analog subscriber trunk

- Software

  Details can be found in the country AKABAM.

  a) Tone table EGY(07)

  b) SWU Text Version: S0-TJx.20.026 (english)

  c) SLMA3 with countrycode version 0

7.2 Restrictions

Details can be found in the country AKABAM.

7.3 Hardware

7.3.1 Data As Used During Fieldtrial

Hardware	Partnumber S30810-	OS Version or Date	Loadware :PDS:APSP/LTG/	Firmware
DIU-N2	Q2196-X	23.10.01	**LGA1/PZFDUN20**	06
TMANI	Q2327-X100			
TMANI	Q2327-X101			
SLMA3	Q2191-X	OS.V1.026	**LG80/PZESLA30**	5

7.3.2 Data Planned From Development

no changes

7.4 Country Specific Parameters

7.4.1 Module DIUN2(Q2196-X) - Digital CO PTT Trunk

7.4.1.1 PTIME Parameter Description

- Device= DIUCQ421, PTIME initblock = 49

7.4.1.2 Data As Used During Field Trial

- BCSU parameters

  ```
  ADD-BCSU:DIU,1,1,25,"Q2196-X ",0,,,,2,,,,,A,
  ```

- PTIME parameters

  ```
  COPY-PTIME:49,30
  CHANGE-PTIME:REST,30,LONG,,0,0,,0,0,0;
  CHANGE-PTIME:REST,30,SHORT,0,,,,,,2,,,,2,,;
  CHANGE-PTIME:REST,30,PARA,,,,,8,1,120,,,0,,,,;
  ```

- COP parameters

```
ADD-COP:30,DTMF&SDL&ANS&LSUP&DTN&TDED&NOAN&NO1A&TIM1&DTM1,,;
```

- COT parameters

```
ADD-COT: 30,RCL&XFER&ANS&LWNC&NLCR&NTON;
```

- TACSU parameters

```
ADD-TACSU:1-1-25-60,,31,31,0,0,30,32,32,,102,
0,"DIDDIUNTES",0,999,2,1,EMPTY,0,NONE,NONE,0,EC&G711&G729OPT,
"",0,GDTR,0,,Y,TC,DIUCQ421,1,1,0,0,1,30,1,0,MFC-MFC,0-0,0;
```

7.4.2 Module DIUN2(Q2196-X) - Digital TIE Trunk

7.4.2.1 PTIME Parameter Description

not necessary

7.4.2.2 Data As Used During Field Trial

- BCSU parameters

```
ADD-BCSU:DIU,1,1,25,"Q2196-X ",0,,,,,2,,,,,A,
```

- PTIME parameters

  None

- COP parameters

```
ADD-COP:50,L3AR,TA,TA;
```

- COT parameters

```
32,RCL&XFER&ANS&CHRT&KNOR&CEBC&CBBN&CBFN&FWDN&ATRS&
ROPT&TSCS&NTON;
```

- PRODE parameters

```
COPY-PRODE:PVCD,1;
```

- TDCSU parameters

```
ADD-TDCSU:NEW ,1-02-025-0,32,50,0,15,30,32,32,"BUILDING 2
",20,CORNV33,1,,NONE,,,,GDTR,N,TIE,NONE,N,0,,,,,,,31,MANY,20,
0,1,1,EMPTY,32,5,N,,,,,16,8,1,10,,EC&G711&G729OPT,"",20,CIR,
Y,S2CONN,1&&30,N,1,0,0,0,0,0,0;
```

7.4.2.3 Data Planned From Development

no changes

7.4.3 Module TMANI (Q2327-X100/Q2327-X101) - Analoge CO Trunk

7.4.3.1 Parameter Description

Device=ANMOSIG ; PTIME initblock = 87

Data As Used During Field Trial

- BCSU parameters

  ```
  ADD-BCSU:PER,1,1,85,"Q2327-X100",0,0,,,,,A;
  ```

  or

  ```
  ADD-BCSU:PER,1,1,85,"Q2327-X101",0,0,,,,,A;
  ```

- PTIME parameters

  ```
  COPY-PTIME:87,0;
  ```

- COP parameters

  ```
  ADD-COP:10,DTMF&LSUP&RLSA&TDED&NO1A&RCLA&TIM2&NSDL&DTM1,,;
  ```

- COT parameters

  ```
  ADD-COT: 10,RCL&XFER&CHRT&KNOR&NTON;
  ```

- TACSU parameters

  ```
  ADD-TACSU:1-1-85-1,,10,10,0,0,1,32,32,1,0,"7491334
  L",254,,2,1,EMPTY,0,NONE,NONE,0,EC&G711&G729OPT,"",
  0,GDTR,0,,Y,TC,ANMOSIG,0,,0,0,1,0,1,0,MOSIG-DTMF,0-0,0;
  ```

7.4.3.2 Data Planned From Development

no changes

7.5 Description of PRB's (preliminary corrections)

none

7.6 Open Problems At M3 EoF Date

none

8 Country Adaptation for Finnland (FIN)

Status:

The HiPath 4000 V1.0 for Finnland has reached technical milestone M3.

9 Country Adaptation for Greece (GRI)

Status:

The HiPath 4000 V1.0 for Greece has reached technical milestone M3.

10 Country Adaptation for Indonesia (IDS)

Status:

The HiPath 4000 V1.0 for Indonesia has reached technical milestone M3.

Software basis: V1.0-09 revision 06

Central office: EWSD

IMPORTANT: The informations given in this chapter are valid only at the release date of this document. It can not be ensured, that all parameters or links are valid for the whole life time of this HiPath 4000 V1.0 version.

10.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  a) DIUN2(Q2196-X) - incoming and outgoing digital PTT trunk

  b) TMANI (Q2327-X100) - bothway analog PTT trunk, with GEE

  c) TMANI (Q2327-X101) - bothway analog PTT trunk, without GEE

  d) DIUN2(Q2196-X) - digital Tie trunk.

  e) SLMA3(Q2191-X) - analog subscriber trunk.

- Software

  Details can be found in the country AKABAM.

  a) Tone table IDS (N)

  b) SWU Text Version: S0-TJx.20.026 (english)

  c) SLMA3 with countrycode version 0

  d) Feature application IPDA

10.2 Restrictions

Details can be found in the country AKABAM.

10.3 Hardware

10.3.1 Data As Used During Fieldtrial

Hardware	Partnumber S30810-	OS-version or Date	Loadware :PDS:APSP/LTG/	Firmware
DIU-N2	Q2196-X	23.10.01	**LGA1/PZFDUN20**	6
TMANI	Q2327-X100			
TMANI	Q2327-X101			
DIU-N2	Q2196-X	081XFI089	**LG57/PZFDCAS2**	6
SLMA3	Q2191-X	OS.V1:026	**LG80/PZESLA30**	5

10.3.2 Data Planned From Developmentnochanges

10.4 Country Specific Parameters

10.4.1 Module DIUN2 (Q2196-X) - ISDN Digital PTT Trunk

10.4.1.1 PTIME Parameter Description

not necessary

10.4.1.2 Data As Used During Field Trial

- BCSU parameters

  ```
  ADD-BCSU:DIU,1,1,79,"Q2196-X ",0,,,,,1,,,,,A,
  ```

- SICOFI INDEX

  not necessary

- PTIME parameters

not necessary

- COP parameters

```
ADD-COP:30,,TA,TA;
CHANGE-COP:30,COPADD,,,,INDEP,"RAS(DIUN2)";
```

- COT parameters

```
ADD-COT:
30,RCL&XFER&ANS&CHRT&CEBC&ITT&COTN&TRAI&LWNC&NLCR&NTON;
CHANGE-COT:30,COTADD,,INDEP,"RAS(DIUN2)";
```

- PRODE parameters

```
COPY-PRODE:PVCD,10;
```

- TDCSU parameters

```
ADD-TDCSU:NEW ,1-01-079-0,30,30,0,0,30,5,1,"RAS
",30,ETSI,1,,NONE,,,,GDTR,N,CO,NONE,N,0,,,,,,,31,MANY,1,2,1,1
,EMPTY,30,1,N,,,,,16,8,0,10,,EC&G711&G729OPT,"",30,CIR,Y,S2C
OD,1&&30,N,1,0,0,0,0,0,0;
```

10.4.2 Module DIUN2 (Q2196-X) - Digital Tie Trunk

- BCSU parameters

```
ADD-BCSU:DIU,1,4,25,"Q2196-X   ",0,1,1,2,2,2,,,,,A;
```

- PTIME parameters

```
COPY-PTIME:87,3;
CHANGE-PTIME:REST,3,SHORT,,,,,,,0,,,,,,;
CHANGE-PTIME:REST,3 ,PARA,,,,19,,,,,,5,,,,;
```

- COP parameters

```
ADD-COP:6,DTMF&LSUP&RLSA&NO1A&TIM1&NSDL&DTM1,,;
CHANGE-COP:6,COPADD,,,,INDEP,"TMANI";
```

- COT parameters

```
ADD-COT: 1,RCL&CHRT&NTON;
CHANGE-COT:1,COTADD,,INDEP,"ANA TRK";
```

- TACSU parameters

10.4.2.1 Data Planned From Development

no changes

10.4.3 Module TMANI (Q2327-X100/Q2327-X101) - Analog CO trunk

10.4.3.1 Parameter Description

Device=ANMOSIG ; PTIME initblock = 03

Data As Used During Field Trial

- BCSU parameters

  ```
  ADD-BCSU:PER,1,1,67,"Q2327-X100",0,0,,,,,A;
  ```

  or

  ```
  ADD-BCSU:PER,1,1,67,"Q2327-X101",0,0,,,,,A;
  ```

- PTIME parameters

  ```
  COPY-PTIME:87,3;
  CHANGE-PTIME:REST,3,SHORT,,,,,,,0,,,,,,;
  CHANGE-PTIME:REST,3 ,PARA,,,,19,,,,,,5,,,,;
  ```

- COP parameters

  ```
  ADD-COP:6,DTMF&LSUP&RLSA&NO1A&TIM1&NSDL&DTM1,,;
  CHANGE-COP:6,COPADD,,,,INDEP,"TMANI";
  ```

- COT parameters

  ```
  ADD-COT: 1,RCL&CHRT&NTON;
  CHANGE-COT:1,COTADD,,INDEP,"ANA TRK";
  ```

- TACSU parameters

  ```
  ADD-TACSU:1-1-67-
  0,,1,6,0,0,20,5,1,,1,0,"79191515",1,1,2,1,EMPTY,0,NONE,NONE,0
  ,EC&G711&G729OPT,"",0,GDTR,0,,Y,TC,ANMOSIG,0,210,0,0,1,3,1,0,
  MOSIG-DTMF,0-0,0;
  ```

Data Planned From Development

no changes

10.5 Description of PRB's (preliminary corrections)

none

10.6 Open Problems At M3 EoF Date

none

11 Country Adaptation for India (IND)

Status:

The HiPath 4000 for India has reached technical milestone M3.

Software basis: V1.0 SMR08

Central office: Lucent 5ESS

IMPORTANT: The informations given in this chapter are valid only at the release date of this document. It can not be ensured, that all parameters or links are valid for the whole life time of this HiPath 4000 V1.0 version.

11.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  a) DIUN2 (Q2196-X) - incoming and outgoing ISDN trunk

  b) TMANI (Q2327-X100) - bothway analog PTT trunk, with GEE

  c) TMANI (Q2327-X101) - bothway analog PTT trunk, without GEE

- Software

  Details can be found in the country AKABAM.

  a) Tone tableIndia

  b) SWU Text Version: S0-TJx.20 english

11.2 Restrictions

Details can be found in the country AKABAM.

11.3 Hardware

11.3.1 Data As Used During Fieldtrial

Hardware	Partnumber S30810-	OS version	Loadware :PDS:APSP/LTG/	Firmware
DIUN2	Q2196-X	V1.6 00/01/04	LGA1/PZFDUN20	- 04 -
TMANI	Q2327-X100			
TMANI	Q2327-X101			

11.3.2 Data Planned From Development

no changes

11.4 Country Specific Parameters

11.4.1 General

- AMO ZAND parameter used during the field trial:

```
REG-ZAND;

H500:  AMO ZAND  STARTED

CHANGE-
ZAND:ALLDATA,EXTEND,YES,TA,YES,NO,TA,NO,MUSIC,TONE,10,YES,YES
,DDMM,"11",NO,"1",,80,100,NO,NO,"2",NO,0,5,NO,10-1-
100,MODE1,,NO,NO,NO,YES,YES,YES,NO,YES,NO,NO,NO,NO,NO,NO,NO,Y
ES,NO,NO,YES,NO,NO;

CHANGE-
ZAND:ALLDATA2,NO,NO,NO,NO,NO,NO,NO,NO,5,NO,NO,NO,NO,NO,NO,ONH
OOK,CENTER,HICOM,YES,NO,"STANDARD",NO,YES,NO,1,NO,YES,"*XXX*
",NO,NO,YES,NO,ENGLISH,YES,NODIV,NO,NO,NO,SWITOVER,NO,NO,YES,
NO,,NO,INTDNIS,NO,NO,YES,"0";

CHANGE-ZAND:ALLDATA3,20,YES,YES,NO,,NO,NO,NO;

CHANGE-
ZAND:RNGTYPE,"DBLR2","SGLR2","DBLR1","SGLR1","SGLR2","SGLR1",
"SGLR2","PRR","MTR","SGLR1","SGLR1","SGLR2";

CHANGE-ZAND:CCM,YES,RNGBK,NO,YES,NO,NO,NO,NO,NO,NO,NO,NO,NO;

CHANGE-ZAND:CIT,0,0,"      ",;

CHANGE-ZAND:TN,"07","07","00","0";
```

```
CHANGE-ZAND:TONES,INTDTN,"8";

CHANGE-ZAND:CONFC,ALAW,0,3;

CHANGE-
ZAND:DIUSL,1,NOACT,REMAL&REMAL64&LOFRA64&AIS64&NOSIG64&REMCRC
,RES;

CHANGE-ZAND:CCD,UNIT,23,"1",NO,NO;

CHANGE-
ZAND:ATND,2,EXT1,YES,YES,NO,NO,NO,NO,NO,NO,NO,NO,NO,NO,NO,0,N
O,NO,NO,NO,1,NO,NO,NO,NO;

CHANGE-
ZAND:OPTISET,"24HOUR",EUROPE,GERMAN&GERMAN&GERMAN&GERMAN&GERM
AN,19,4,2,2,1,4,NORMAL,80,7,YES,"2",NO,4,2,3,NO,NO,NO,NO,NO,"
";

CHANGE-ZAND:SIUXPER,"0","0";

CHANGE-ZAND:ACD,NO,NO,,NO,NO,NO;

CHANGE-ZAND:VMI,NO,8,6,NO,NO,NO,NO;

CHANGE-ZAND:DOMAIN,PRIVATE,1;

CHANGE-ZAND:KEYSYS,NO,NO,YES,YES;

CHANGE-ZAND:ACC,F,NO;

CHANGE-ZAND:LEDTYPE,"FAST","SLOW","OFF","SLOW","FAST";

CHANGE-ZAND:DIST,1,CFU,10,CFU;

CHANGE-ZAND:DIST,1,CFB,1,NONE;

CHANGE-ZAND:DIST,1,CFNR,1,NONE;

CHANGE-ZAND:DIST,1,CD,1,NONE;

CHANGE-ZAND:DIST,2,CFU,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,2,CFB,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,2,CFNR,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,2,CD,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,3,CFU,10,CFU;

CHANGE-ZAND:DIST,3,CFB,1,NONE;

CHANGE-ZAND:DIST,3,CFNR,1,NONE;

CHANGE-ZAND:DIST,3,CD,1,NONE;

CHANGE-ZAND:DIST,4,CFU,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,4,CFB,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,4,CFNR,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,4,CD,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,5,CFU,10,CFU;

CHANGE-ZAND:DIST,5,CFB,1,NONE;

CHANGE-ZAND:DIST,5,CFNR,1,NONE;

CHANGE-ZAND:DIST,5,CD,1,NONE;

CHANGE-ZAND:DIST,6,CFU,10,CFU;

CHANGE-ZAND:DIST,6,CFB,1,NONE;
```

```
CHANGE-ZAND:DIST,6,CFNR,1,NONE;
CHANGE-ZAND:DIST,6,CD,1,NONE;
CHANGE-ZAND:DIST,7,CFU,10,CFU;
CHANGE-ZAND:DIST,7,CFB,1,NONE;
CHANGE-ZAND:DIST,7,CFNR,1,NONE;
CHANGE-ZAND:DIST,7,CD,1,NONE;
CHANGE-ZAND:DIST,8,CFU,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,8,CFB,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,8,CFNR,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,8,CD,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,9,CFU,10,CFU;
CHANGE-ZAND:DIST,9,CFB,1,NONE;
CHANGE-ZAND:DIST,9,CFNR,1,NONE;
CHANGE-ZAND:DIST,9,CD,1,NONE;
CHANGE-ZAND:DIST,10,CFU,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,10,CFB,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,10,CFNR,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,10,CD,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:MLPP,NO,NO,NO,,0-0-0-0-0;
AMO-ZAND -35      SYSTEM DATA
REGENERATE COMPLETED;
```

11.4.2 Module DIUN2 (Q2196-X)

11.4.2.1 Data As Used During Field Trial

- BCSU parameters

  ```
  ADD-BCSU:DIU,1,1,103,"Q2196-X   ","0",,,,,1,,,,,A;
  ```

- COP parameters

  ```
  ADD-COP:1,L3AR,TA,TA,,;
  ```

- COT parameters

  ```
  ADD-COT:1,RCL&XFER&LWNC&NLCR&DFNN&NTON,,;
  ```

- PRODE parameters

  ```
  COPY-PRODE:PVCD,10;
  ```

- TDCSU parameters

```
ADD-TDCSU:NEW,1-01-103-0,1,1,0,0,30,1,1,"
",0,"ETSI",1,,NONE,,,,GDTR,N,CO,NONE,N,0,,91,22,698,,,31,MANY
,1-1-
200,2,1,1,EMPTY,1,1,N,,,,,16,8,0,10,,EC&G711&G729OPT,,1,CIR,
Y,S2COD,1&&30,N,1,1,0,0,0,0,0;
```

11.4.2.2 Data Planned From Development

no changes

11.4.3 Module TMANI (Q2327-X100/Q2327-X101)

11.4.3.1 Data As Used During Field Trial

- BCSU parameters

  ```
  ADD-BCSU:PER,1,2,121,"Q2327-X100",0,"0",,,,,A;
  ```

  or

  ```
  ADD-BCSU:PER,1,2,121,"Q2327-X101",0,"0",,,,,A;
  ```

- PTIME parameters

  ```
  COPY-PTIME:87,16;
  CHANGE-PTIME:REST,16,LONG,,,200,,,,;
  CHANGE-PTIME:REST,16,SHORT,,,,,,,,,1,,,,;
  CHANGE-PTIME:REST,16,PARA,0,2,,3,,0,,,,5,,,,;
  ```

- COP parameters

  ```
  ADD-COP:2,DTMF&LSUP&RLSA&NO1A&NTON&DTM2,,,,;
  ```

- COT parameters

  ```
  ADD-COT:1,RCL&XFER&LWNC&NLCR&DFNN&NTON,,;
  ```

- TACSU parameters

  ```
  ADD-TACSU:1-2-121-0,,1,2,0,0,30,1,1,,10,0,"            ",0,1-
  1-300,2,1,EMPTY,0,NONE,NONE,1,NONE,"
  ",0,GDTR,0,,Y,TC,ANMOSIG,0,,0,0,1,16,1,0,MOSIG-DTMF,0-0,0;
  ```

11.4.3.2 Data Planned From Development

no changes

11.5 Country Specific Feature Description

Prohibit connections between CO trunks and network trunks of other areas

1. Affected features
   - Basic Call
   - Call Forwarding
   - Conference
   - Transfer
2. Simplified description
   - Within the own area all devices may use all features among each other.
   - Over all areas all stations among themselves may use all features.
   - Over all areas all stations may use all features via VoIP trunk, incoming and outgoing.
   - No device may use a foreign PSTN trunk with any feature.
   - Mobile users are handled as the physical stations, where the mobile users are logged in.

   Functionality table:

Source Device	Destination Location	Destination Device	Permission
All devices	Within own area	All devices	Allowed
Station	To foreign area	STN	Allowed
Station	To foreign area	VoIP Trunk (NW)	Allowed
VoIP Trunk (NW)	To foreign area	STN	Allowed
All devices	To foreign area	PSTN trunk	Denied
PSTN trunk	To foreign area	All devices	Denied

Table 1 India - Functionality table for connections to other areas

3. Activation:

   ```
   CHANGE-ZAND:TYPE=RESERVE,ELNUM=173,ACTIVATE=YES;
   ```

4. Configuration:

   The node numbers of prohibited connections are configured in AMO-KNMAT as denied (**CONN=D**).They have to be configured for both directions in all systems of the network.

   Example: Connections between node 100 and 200 are prohibited:

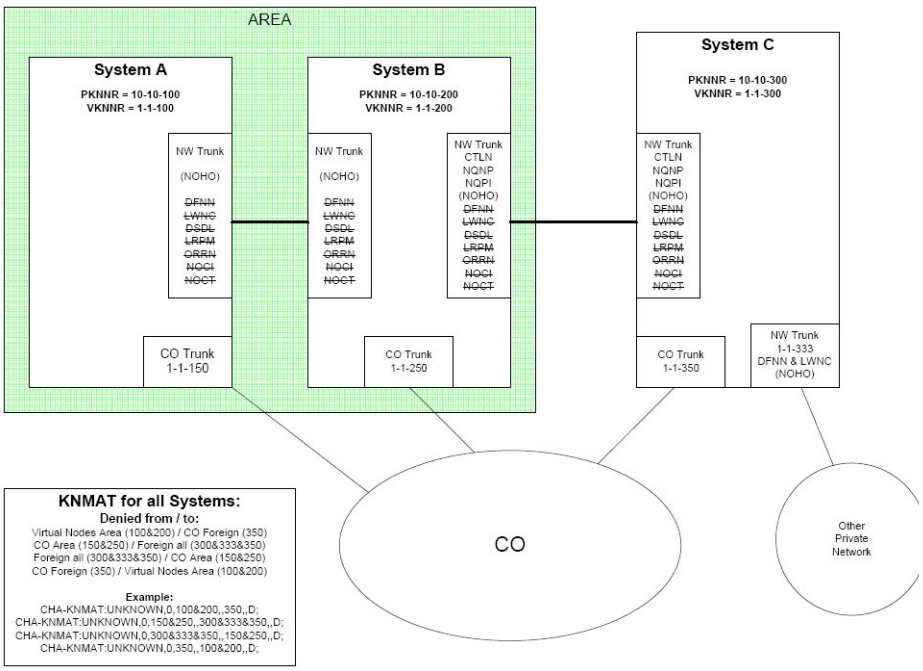

Figure 1 Network example for logical partitioning (IND)

```
CHANGE-KNMAT:LEVEL=0,ONNO=200,DNNO=100,CONN=D;
```

```
CHANGE-KNMAT:LEVEL=0,ONNO=100,DNNO=200,CONN=D;
```

For conference restrictions COT parameter **NOHO** has to be set for all networking trunks.

The following COT parameters have to be set in the network between different areas to prevent workarounds e.g. directed call pick up: **CTLN** & **NQNP** & **NQPI**.

Don't use these parameters within the network: **DSDL** & **LWNC** & **LRPM** & **ORRN** & **DFNN** & **NOCI** & **NOCT**.

IMPORTANT: Use Parameter **LWNC** and **DFNN** with caution!
Don't use them within the network! Use this parameters only to separate the network behind, e.g. to VoIP network!

Configure group features only within an area, e.g. Pick Up Group, Hunt Group, etc.

5. Restrictions

   Regarding AMO KNMAT configurations are only possible per Level. This feature is only realized and tested in Level 0!

   No node number differences in higher levels are allowed.

For outgoing connections only the node number of AMO RICHT is used. Node numbers of AMO LDAT are ignored.

If a mobile user is logged in at a foreign area, follow me will not work for CO calls, regarding a connection to the foreign area is not allowed. If it is necessary that CO calls shall follow the mobile user, it is recommended to use remote call forwarding feature to activate call forwarding unconditionell via CO to the number of the physical device.

Use group features, e.g. Pick Up Group, Hunt Group, within an area only.

11.6 Description of Patches / PRB's (preliminary corrections)

none

11.7 Open Problems At M3 EoF Date

none

12 Country Adaptation for Ireland (IRL)

Status:

The HiPath 4000 for Ireland has reached technical milestone M3.

Software basis: V1.0 SMR09 Rev 01

Central office: Alcatel

IMPORTANT: The informations given in this chapter are valid only at the release date of this document. It can not be ensured, that all parameters or links are valid for the whole life time of this HiPath 4000 V1.0 version.

12.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  a) DIUN2 (Q2196-X) - incoming and outgoing ISDN PTT trunk

- Software

  Details can be found in the country AKABAM.

  a) Tone table IRL

  b) SWU Text Version: S0-TJx.20 english

12.2 Restrictions

Details can be found in the country AKABAM.

12.3 Hardware

12.3.1 Data As Used During Fieldtrial

Hardware	Partnumber S30810-	OS version	Loadware :PDS:APSP/LTG/	Firmware
DIUN2	Q2196-X	20.038 23.10.01	PZFDUN20	- 06 -

12.3.2 Data Planned From Development

no changes

12.4 Country Specific Parameters

12.4.1 General

- AMO ZAND parameter used during the field trial:

```
CHA-
ZAND:ALLDATA,EXTEND,YES,TA,YES,NO,TA,NO,MUSIC,TONE,15,YES,NO,
DDMM,7,NO,1,,80,100,NO,YES,2,YES,0,10,NO,310,MODE1,,NO,NO,NO,
NO,YES,YES,NO,YES,NO,NO,NO,NO,NO,NO,YES,NO,NO,NO,YES,NO,NO;

CHA-
ZAND:ALLDATA2,NO,NO,YES,YES,NO,NO,NO,NO,4,NO,NO,NO,YES,NO,NO,
ONHOOK,CENTER,HICOM,YES,NO,STANDARD,NO,YES,NO,1,NO,NO,IDWITHH
ELD,NO,NO,NO,NO,ENGLISH,YES,NODIV,NO,NO,NO,SWITOVER,NO,NO,YES
,NO,,NO,INTDNIS,NO,NO,NO,0;

CHANGE-ZAND:ALLDATA3,20,YES,YES,NO,,NO,NO,NO;

CHANGE-
ZAND:RNGTYPE,DBLR2,SGLR2,DBLR1,SGLR1,SGLR2,SGLR1,SGLR2,PRR,MT
R,SGLR1,SGLR1,SGLR2;

CHANGE-ZAND:LOADWARE,TCOW,Q;

CHANGE-ZAND:CCM,YES,RNGBK,NO,YES,NO,NO,NO,NO,NO,NO,NO,NO,NO;

CHANGE-ZAND:CIT,20,0,,;

CHANGE-ZAND:TN,07,07,00,0;

CHANGE-ZAND:CONFC,ALAW,0,3;

CHANGE-ZAND:OPTLOAD;

CHA-
ZAND:DIUSL,1,NOACT,REMAL&REMAL64&LOFRA64&AIS64&NOSIG64&REMCRC
,RES;

CHANGE-ZAND:CCD,AMOUNT,6,1,NO,NO;

CHANGE-
ZAND:ATND,2,EXT1,YES,NO,NO,NO,NO,NO,NO,NO,YES,NO,NO,NO,NO,0,N
O,NO,NO,NO,1,NO,NO,NO,NO;

CHA-
ZAND:OPTISET,24HOUR,EUROPE,ENGLISH&ENGLISH&ENGLISH&ENGLISH&GR
EEK,19,4,2,2,1,4,NORMAL,50,7,YES,2,NO,4,2,3,NO,NO,NO,NO,NO,"
";

CHANGE-ZAND:SIUXPER,0,0;

CHANGE-ZAND:ACD,YES,YES,,NO,NO,NO;

CHANGE-ZAND:ACD,NO,,0,,NO,NO;

CHANGE-ZAND:ACD,YES,,,,NO,NO;
```

```
CHANGE-ZAND:VMI,NO,18,6,NO,NO,NO,NO;
CHANGE-ZAND:DOMAIN,PRIVATE,1;
CHANGE-ZAND:KEYSYS,NO,YES,YES,YES;
CHANGE-ZAND:ACC,F,NO;
CHANGE-ZAND:LEDTYPE,FAST,SLOW,OFF,SLOW,FAST;
CHANGE-ZAND:MLPP,NO,NO,NO,"",0-0-0-0-0;
```

12.4.2 Module DIUN2 (Q2196-X)

12.4.2.1 Data As Used During Field Trial

- BCSU parameters

```
ADD-BCSU:DIU,1,2,61,"Q2196-X   ",0,,,,,1,,,,,A;
```

- COT parameters

```
ADD-COT:
79,ANS&CHRT&CEOC&CEBC&CPS6&COTN&LWNC&NLCR&ICZL&ICZO&CDBO&DTNI
;
```

- COP parameters

```
ADD-COP:79,DTMF&SPTR&DTM1,TA,TA;
```

- PRODE parameters

```
COPY-PRODE:PVCD,1;
```

- TDCSU parameters

```
ADD-TDCSU:NEW ,1-02-061-
0,79,79,0,0,32,32,32,"PRI_CO_SMLTR",3,CORNV33,1,,NONE,,,,GDTR
,N,CO,NONE,N,0,,,,,,,31,MANY,18,2,1,1,EMPTY,79,1,N,,,,,,16,8,
0,10,,EC&G711&G729OPT,"",99,CIR,N,S2COD,1&&4,Y,1,2;
```

12.4.2.2 Data Planned From Development

no changes

12.5 Country Specific Feature Description

no country specific features

12.6 Description of Patches / PRB’s (preliminary corrections)

none

12.7 Open Problems At M3 EoF Date

none

13 Country Adaptation for Italy (ITL)

Status:

The HiPath 4000 V1.0 for Italy has reached technical milestone M3.

Software basis: V1.0 SMR08 PP10

Central office: Italtel UT / Ericsson

13.1 Scope

- Hardware

  Details can be found in the PNTI (CD-ROM).

  a) TMANI (Q2327-X100) - bothway analog PTT trunk, with GEE

  b) TMANI (Q2327-X101) - bothway analog PTT trunk, without GEE

  c) DIU-N2 (Q2196-X) - digital PTT device, incoming/outgoing

- Software

  Details can be found in the PNTI (CD-ROM).

  a) Tone table ITL

  b) SWU Text Version: S0-TLx.20 (multi-language)

  c) SLMA2 with countrycode 0

13.2 Restrictions

Details can be found in the PNTI (CD-ROM).

13.3 Hardware

Hardware	Sachnummer S30810-	OS version	Loadware :PDS:APSP/LTG/	Firmware
TMANI	Q2327-X100			
TMANI	Q2327-X101			
DIU-N2	Q2196-X	B9	**LGA1/PZFDNU20**	D941-B1-01

13.4 Country Specific Parameters

13.4.1 General for Node 1: Bernina

- AMO ZAND parameter used during the field trial:

```
CHA-ZAND:ALLDATA,EXTEND,YES, TA, YES,NO, TA,
NO,MUSIC,TONE,15,YES,NO, DDMM,D,NO, 1,,80,100,YES,
YES,A,NO,0,5, NO,1-202-16, MODE1,29918,YES,NO,YES,
NO,YES,NO,NO,YES,NO,YES, NO,NO,NO,NO,NO,NO,NO,NO, YES,NO,NO;

CHA-ZAND:ALLDATA2,NO,NO,YES,NO,NO,YES,NO,NO,10,
YES,NO,YES,NO,NO,NO, PRESSBUT,CENTER,HICOM,YES,NO,STANDARD,
NO,YES,NO,1,NO,NO, XXX ,YES,NO,NO,NO,
ITALIAN&GERMAN&ENGLISH&POLISH&FRENCH,NO,NODIV,NO,NO,NO,SWITOV
ER,NO,NO,YES, NO,,NO, INTDNIS,NO,NO,NO,0;

CHANGE-ZAND:ALLDATA3,20,YES,YES,NO,,NO,NO,NO;

CHANGE-ZAND:RNGTYPE,DBLR1,DBLR2,SGLR1, DBLR1,SGLR2,DBLR2,
TRPR,SGLR2,MTR, TRPR,SGLR1,SGLR2;

CHANGE-ZAND:LOADWARE,SMA1,C;

CHANGE-ZAND:LOADWARE,SLC0,3;

CHANGE-ZAND:LOADWARE,TCOW,Q;

CHANGE-ZAND:CCM,YES,RNGBK,NO,YES,NO,NO,NO,NO,NO,NO, NO,NO,NO;

CHANGE-ZAND:CIT,50,0,      ,;

CHANGE-ZAND:TN,0D,0D,00,D;

CHANGE-ZAND:TONES,DND,5;

CHANGE-ZAND:TONES,HUNTGRUP,1;

CHANGE-ZAND:CONFC,ALAW,0,3;

CHANGE-ZAND:OPTLOAD;

CHANGE-ZAND:OPTTBL,6,42,70,;

CHANGE-ZAND:OPTTBL,6,43,70,;

CHA-
ZAND:DIUSL,1,NOACT,REMAL&REMAL64&LOFRA64&AIS64&NOSIG64&REMCRC
,RES;

CHANGE-ZAND:CCD,AMOUNT,127,1,NO,NO;

CHANGE-
ZAND:ATND,2,EXT1,NO,NO,YES,NO,NO,NO,NO,NO,NO,YES,NO,YES,NO,0,
NO,NO,NO,NO,1,YES,NO,NO,NO;

CHA-ZAND:OPTISET,24HOUR,EUROPE,
ITALIAN&ITALIAN&ITALIAN&ITALIAN&ITALIAN,19,4,2,2,1,4,NORMAL,5
0,7,YES,7,NO,4,2,3,NO,NO,NO,NO,NO," ";

CHANGE-ZAND:SIUXPER,0,0;

CHANGE-ZAND:ACD,YES,NO,,NO,NO,NO;

CHANGE-ZAND:ACD,NO,,0,,NO,NO;

CHANGE-ZAND:ACD,YES,,,,NO,NO;
```

```
CHANGE-ZAND:VMI,NO,8,5,YES,NO,NO,NO;

CHANGE-ZAND:DOMAIN,PRIVATE,1;

CHANGE-ZAND:KEYSYS,NO,NO,YES,YES;

CHANGE-ZAND:ACC,F,NO;

CHANGE-ZAND:LEDTYPE,FAST,SLOW,OFF,SLOW, FAST;

CHANGE-ZAND:MLPP,NO,NO,NO,"",0-0-0-0-0;
```

13.4.2 General for Node 2: Vipiteno

```
CHA-ZAND:ALLDATA,EXTEND,YES, TA, YES,NO, TA,
NO,MUSIC,TONE,15,YES,NO,
DDMM,D,NO,1,,80,100,YES,YES,A,NO,0,5,NO,1-202-
51,MODE1,51,NO,NO,YES,NO, YES,NO,NO,YES,NO,YES,
NO,NO,NO,NO,NO,NO,NO,NO, YES,NO,NO;

CHA-ZAND:ALLDATA2,NO,NO,YES,NO,NO,YES,NO,NO,10,
YES,NO,YES,NO,NO,NO,
PRESSBUT,CENTER,HICOM,YES,NO,STANDARD,NO,YES,NO,1,NO,NO,XXX
,YES,NO,NO,NO,ITALIAN&GERMAN&ENGLISH&POLISH&FRENCH,
NO,NODIV,NO,NO,NO,SWITOVER,NO,NO,YES, NO,,NO,
INTDNIS,NO,NO,NO,0;

CHANGE-ZAND:ALLDATA3,20,YES,YES,NO,,NO,NO,NO;

CHANGE-ZAND:RNGTYPE,DBLR1,DBLR2,SGLR1,DBLR1,SGLR2,DBLR2,
TRPR,SGLR2,MTR, TRPR,SGLR1,SGLR2;

CHANGE-ZAND:CCM,YES,RNGBK,NO,YES,NO,NO,NO,NO,NO,NO, NO,NO,NO;

CHANGE-ZAND:CIT,50,0,      ,;

CHANGE-ZAND:TN,0D,0D,00,D;

CHANGE-ZAND:TONES,HUNTGRUP,1;

CHANGE-ZAND:CONFC,ALAW,0,3;

CHANGE-ZAND:OPTLOAD;

CHANGE-ZAND:OPTTBL,6,42,70,;

CHANGE-ZAND:OPTTBL,6,43,70,;

CHA-ZAND:DIUSL,1,NOACT,REMAL&REMAL64&LOFRA64&AIS64&NOSIG64&

REMCRC,RES;

CHANGE-ZAND:CCD,AMOUNT,127,1,NO,NO;

CHANGE-ZAND:ATND,2,EXT1,NO,NO,YES,NO,NO,NO,NO,NO,
NO,YES,NO,YES,NO,0,NO,NO,NO,NO, 1,YES,NO,NO,NO;

CHA-ZAND:OPTISET,24HOUR,EUROPE,
ITALIAN&ITALIAN&ITALIAN&ITALIAN&ITALIAN,

         19,4,2,2,1,4,NORMAL,50,7,YES,7,NO,4,2,3,
NO,NO,NO,NO,NO," ";

CHANGE-ZAND:SIUXPER,0,0;

CHANGE-ZAND:ACD,YES,NO,,NO,NO,NO;

CHANGE-ZAND:ACD,NO,,0,,NO,NO;

CHANGE-ZAND:ACD,YES,,,,NO,NO;
```

```
CHANGE-ZAND:VMI,NO,8,5,YES,NO,NO,NO;
CHANGE-ZAND:DOMAIN,PRIVATE,1;
CHANGE-ZAND:KEYSYS,NO,NO,YES,YES;
CHANGE-ZAND:ACC,F,NO;
CHANGE-ZAND:LEDTYPE,FAST,SLOW,OFF,SLOW, FAST;
```

13.4.3 Module TMANI (Q2327-X100/Q2327-X101)

13.4.3.1 PTIME Parameter Description

Device=ANMOSIG ; PTIME initblock = 87

Parameter (MOSIG-Signaling)

Px-high	Px-low

Px-high: most significant nibble from parameter x (Hexadecimal)
Px-low: least significant nibble from parameter x (Hexadecimal)

Parameter	Nibbles	Default	Range	Description		Comments
P1		16	0-17	**Forward release (incoming traffic)**		
	high [hex] [1]	1	0-1	***Feeding interruption from PSTN***		
				0	ignore	
				1	forward release recognition (L3)	
	low [hex] *	0	0-1	***Polarity reversal from PSTN***		
				0	ignore	
				1	forward release recognition (S3)	
P2		18	0-18	**Backward release (outgoing traffic)**		

Parameter	Nibbles	Default	Range	Description		Comments
	high [hex] *	1	0-1	***Feeding interruption from PSTN***		
				0	ignore	
				1	backward release recognition (L3)	
	low [hex] *	0	0-2	***Polarity reversal from PSTN***		
				0	ignore	
				1	backward release recognition (S3)	
				2	polarity reversal: answer back to normal feeding: backward release	
P3		0	0-17	**Answer / Release before answer**		
	high [hex] *	0	0-1	***Answer loop (incoming traffic)***		
				0	loop is closed, independ. from the ring status	
				1	loop will be closed only during the ring pause	Feature for France
	low [hex] *	0	0-1	***Release recognition by feeding interruption from PSTN before answer (incoming traffic)***		
				0	no release recognition	
				1	release recognition	Feature for France
P4		0	0-42	**Special seizure / Charge or Answer pulse**		
	high [hex] *	0	0-2	**Loop start and earth calling**		
				0	loop start without idle supervision	
				1	loop start with idle supervision (L7)	loop discon.dur. S10/S11
				2	earth calling	Feature for GBR. P8 must be 1 or 2

Parameter	Nibbles	Default	Range	Description		Comments
	low [hex] *	0	0-A	Charge or answer pulse (outgoing traffic)		
				0	no charge and no answer pulse	
				1	50Hz charge pulse	
				2	12kHz charge pulse	
				3	16kHz charge pulse	
				4	Reversal charge pulse	Time between polarity reversal and back to normal feeding < S7
				5	12kHz answer pulse	Feature for Syria No charge with additional 12kHz pulses.
				6	wink answer (reversal answer pulse)	Feature for Thailand Time betw. pol. rev. and back to norm.feed. < S7. No charge with additional reversal pulses.
				7	12 kHz charge pulse. after rel., 1 charge pulse will be accepted.	Feature for France Charge pulses shorter than 60ms or longer than 400ms will not be accepted. Fault message.
				8	12 kHz charge pulse. after rel., all charge pulses will be accepted.	
				9	50 Hz charge pulse. after rel., 1 charge pulse will be accepted.	
				A	50 Hz charge pulse. after rel., all charge pulses will be accepted.	
P5		0	0-1	**SICOFI-Version**		
				0	Version ≠ V2.3	
				1	Version = V2.3 (SICOFI-Power always ON)	
P6		1	0-17	**Ground pulse / Dial tone supervision**		

Parameter	Nibbles	Default	Range	Description		Comments
	high [hex] *	0	0-1	**Ground pulse to PSTN (L1)**		
				0	ground pulse on one wire (a or b)	
				1	ground pulse on both wires (a and b)	
	low [hex] *	1	0-1	**Dial tone supervision (outgoing traffic)**		
				0	no supervision	
				1	with supervision	
P7		0	0-255	**Answer supervision (outgoing traffic)**		Answer supervision can be activated only when P2-low=2.
				0	no supervision	
				1-255	answer supervision (in seconds)	
P8		0	0-2	**Superv. of PSTN-release after Hicom released**		
				0	no supervison	
				1	with superv. of PSTN-rel. after HICOM released through loop discon. for 600 ms. (disconnect clearing)	Feature for GBR.
				2	with superv. PSTN-rel. after HICOM released through connection of high resistance. (guarded clearing)	Feature for GBR
P9		0	0-1	**Charge simulation**		
				0	no charge simulation	
				1	with charge simulation	Feature for Spain
P10		5	0-8	**Noise supression**		
	high [hex] *			**reserved**		
	low [hex] *	5	0-8	**Noise supression (multiple of 4ms)**		
P11		32	0-255	**Ring level (V)**		
P12 [2]		36	0-255	**12kHz / 16kHz Charge level 50Hz Charge level (multiple of 1V)**		Default: 16kHz (See Short Timer S14) Set 30 Volt for 50 Hz

Parameter	Nibbles	Default	Range	Description	Comments
P13		17	0-85	**Current threshold value**	
	high [hex] *	1	0-5	**High current treshold value** 0: 5mA 1 - 5: multiple of 10mA	low resistance loop
	low [hex] *	1	0-5	**Low current treshold value** 0: 0.5mA 1 - 5: multiple of 1mA	high resistance loop
P14		0	0-255	**Impedance index** **see P14 parameter for different level**	Level (in dBr) : A→ D / D→ A

1 High and low bytes value are in hexadecimal, which have to be converted into decimal to get the corresponding parameter value.

Example:Parameter P13:high byte value:1
low byte value: } P13[Hex]=11 → P13[Dec]=17

2 The parameter P12, short timers S1, S2 and S14 are used for 12kHz and 16 kHz charge recognition. Any value changing of one of those parameter can influence the other parameter. The param. P12, short timers S1 and S2 are used for 50 Hz charge recogn.

- **P14 Parameter for different level**

P14	Input Impedance	Balance Impedance	Level in dB (Prl)	Level in dB (PrO)
5	150+830//72nF	150+830//72nF	-6.0	-1.0
6	150+830//72nF	150+830//72nF	-4.0	-3.0

- **Short timer (MOSIG-Signaling)**

Short timer	Default (ms)	Range (ms)	Description	Comments
S1	40	40-200	**Minimum time for charge pulse**	Default: 16 kHz (See Short Timer S14) Set 200 ms for 50 Hz
S2	90	40-200	**Minimum time for charge pause**	Default: 16 kHz (See Short Timer S14) Set 100 ms for 50 Hz
S3-S6			**reserved**	

Short timer (to be used as parameter for MOSIG-Signaling)

Short timer	Nibbles	Default	Range	Description		Comments
S7		10	1-200	**Minimum time for polarity reversal recognition (multiple of 10ms)**		
S8		1	0-42	**Answer procedure / Loop interruption time**		Feature for Brazil
	high [hex] [1]	0	0-2	**Answer procedure for collect calls (incoming traffic)**		
				0	normal answer: loop	
				1	answer with loop (1 sec.) , loop interruption (S8-low) , back to answer (loop).	Protection against collect calls.
				2	if HICOM-party authorised: normal answ. (loop) if HICOM-party unauthorised: answer with loop (1 sec.) , loop interruption (S8-low) , back to answer (loop).	Protection against collect calls is only for unauthorised users.
	low [hex] *	1	0-A	**Loop interruption time for collect calls (inc. traffic)**		
				0	250ms loop interruption	
				1-A	loop interruption (multiple of 500ms)	
S9		0	0-255	**Reanswer supervision (outgoing traffic)**		
				0	no supervision	
				1-255	reanswer supervision (in seconds)	Only when P2_low=2.
S10		2	1-30	**Guard time after an outgoing call (in seconds)**		
S11		2	1-30	**Guard time after an incoming call (in seconds)**		
S12		0	0-255	**Conversation time limit**		
				0	no limit	
				1-255	conversation time (multiple of 30 sec.)	After the timer expired the conversation will be automatically disconnected

Short timer	Nibbles	Default	Range	Description		Comments
S13		0	0-1	**Outgoing seizure start with very low resistance**		
				0	10ms very low resistance	
				1	350ms very low resistance	Feature for Australia
S14 [2]		36	20-250	**Charge characteristic (12kHz / 16 kHz)**		Default: 16kHz
				Belgium, Bulgaria, Poland, Great Britain, South Africa (16 kHz Standard)		
				S14	36	
				P12	36	
				Greece, Luxemburg, Norway (16 kHz)		
				S14	36	
				P12	70	
				France, Portugal (12 kHz Standard)		
				S14	50	
				P12	55	
				Hungary, Irland (12 kHz)		
				S14	30	
				P12	27	
				Italy (12 kHz)		
				S14	30	
				P12	53	
				Australia (12 kHz)		
				S14	50	
				P12	50	
				Spain (12 kHz)		
				S14	50	
				P12	128	
				Austria (12 kHz)		
				S14	30	
				P12	31	

1 High and low bytes value are in hexadecimal, which have to be converted into decimal to get the corresponding parameter value

Example:Parameter P13:high byte value:1
low byte value:1 } P13[Hex]=11 → P13[Dec]

2 The parameter P12, short timers S1, S2 and S14 are used for 12kHz and 16 kHz charge recognition. Any value changing of one of those parameter can influence the other parameter. The param. P12, short timers S1 and S2 are used for 50 Hz charge recogn.

Long timer (MOSIG-Signaling)

Long timer	Default (ms)	Range (ms)	Description	Comments
L1	200	60-500	**Flash or ground signal transmission time**	
L2	10000	4000-15000	**Periodical ringing supervision for release recognition from PSTN before answer (incoming traffic)**	
L3	100	20-200	**Minimum time for release recognition from PSTN (feeding interruption)**	See P1-high and P2-high
L4	400	100-2000	**Delay for speech path through-connection after answer; Minimum time for answer; Delay for line supervision activation after answer (incoming traffic)**	
L5	400	300-600	**Maximum time for charge pulse**	Only if P4_LOW=7 or 8
L6	120	100-1000	**Minimum time for ring recognition**	
L7	5000	500-30000	**Idle supervision time**	See P4-high

13.4.3.2 Data used during Field Trial

- BCSU parameters

  ```
  ADD-BCSU:PER,1,2,37,"Q2327-X100",0,0,,,,,A;
  ```

  or

  ```
  ADD-BCSU:PER,1,2,37,"Q2327-X101",0,0,,,,,A;
  ```

- COP parameters

  ```
  ADD-
  COP:89,DTMF&DTV&SDL&RLSA&BR64&NO1A&SPTR&NTON&WOT2&TIM1&PDP1&I
  DP2& DTM1,TA,TA;
  ```

- COT parameters

  ```
  ADD-COT: 0,RCL&AEOD&CEBC&COTN&LWNC&NLCR&ICZL&NTON;
  ```

- TACSU parameters

```
ADD -TACSU: 1-2-37-0,,0,89,0,0,100,7,1,,4,0,"1-2-37-0
",5,1-2-399,0,1,EMPTY,0,NONE,NONE,1,EC&G711&G729OPT,"
",0,GDTR,0,,Y,TC,ANMOSIG,0,3,0,0,1,20,1,0,MOSIG-DTMF,0-0,0;
```

- COP parameters

```
ADD-
COP:199,DTMF&RLSB&RLSA&DTN&TDED&NO1A&NTON&WOT2&TIM2&NSDL&DTM1
,,
```

- COT parameters

```
ADD-COT:
199,RCL&ANS&AEOD&CEBC&RCLS&COTN&LWNC&NLCR&ICZL&MSIR&DTNI;
```

- TACSU parameters

```
ADD -TACSU:1-2-43-3,,199,199,0,0,1,1,1,,200,0,"
",0,,0,1,EMPTY,0,NONE,NONE,1,EC&G711&G729OPT,"
",0,GDTR,0,,Y,TC,ANMOSIG,0,33089,0,0,1,20,1,0,MOSIG-DTMF,0-
0,0;
```

- COP parameters

```
ADD-
COP:8,DTV&SDL&SFRM&RLSA&BR64&NO1A&DITW&NTON&WOT2&TIM1&IDP2,,
;
```

- COT parameters

```
ADD-COT: 1,RCL&AEOD&CEBC&COTN&LWNC&NLCR&ICZL&NTON;
```

- TACSU parameters

```
ADD-TACSU:1-5-55-0,,1,8,0,0,100,10,1,,6,0,"1-5-55-0
",5,,0,1,EMPTY,0,NONE,NONE,1,EC&G711&G729OPT,"
",0,GDTR,0,,Y,TC,ANMOSIG,0,33090,0,0,1,20,1,0,MOSIG-DIP,0-
0,0;
```

- COP parameters

```
ADD-
COP:8,DTV&SDL&SFRM&RLSA&BR64&NO1A&DITW&NTON&WOT2&TIM1&IDP2,,
;
```

- COT parameters

```
ADD-COT: 0,RCL&AEOD&CEBC&COTN&LWNC&NLCR&ICZL&NTON;
```

- TACSU parameters

```
ADD-TACSU:1-5-55-5,,0,8,0,0,100,10,1,,16,0,"1-5-55-5
",5,,0,1,EMPTY,0,NONE,NONE,1,EC&G711&G729OPT,"
",0,GDTR,0,,Y,TC,ANMOSIG,0,33095,0,0,1,20,1,0,MOSIG-DIP,0-
0,0;
```

- PTIME parameters

```
COPY-PTIME:87,16;

CHANGE-PTIME:REST,16,LONG,,,200,,,,;

CHANGE-PTIME:REST,16,SHORT,,,,,,,, 0,,,,,,30;

CHANGE-PTIME:REST,16,PARA,,16,,2,1,,,,,,,53,,7;

COPY-PTIME:87,20;
```

```
CHANGE-PTIME:REST,20,LONG,,,200,,,,;
CHANGE-PTIME:REST,20,SHORT,,,,,,,, 0,,,,,,30;
CHANGE-PTIME:REST,20,PARA,,16,1,2,,,,,,5,,,,;
```

13.4.3.3 Data Planned From Development

Example Configuration for Pseudo-DID

- TACSU parameters:

  ```
  CHA-TACSU:<pen>,DEVTYP=TC,DIALTYPE=DTMF-DTMF,DIALVAR=4-0;
  ```

- COP parameters:

  ```
  CHA-COP:20,COPADD,DTN;
  ```

- COT parameters:

  ```
  CHA-COT:10,COTADD,IBSY&IVAC&INAU&ITB&IFR&INDG&IIDL;
  ```

- FEASU parameters:

  ```
  CHA-FEASU:A,ICPTDID;
  ```

13.4.4 Module DIU-N2 (Q2196-X)

13.4.4.1 Data used during Field Trial

- BCSU parameters

  ```
  ADD-BCSU:DIU,1,6,79,"Q2196-X   ",0,,,,,1,,,,,A;
  ```

- COP parameters

  ```
  ADD-COP:81,L3AR&IMEX,TA,TA;
  ```

- COT parameters

  ```
  ADD-COT:
  80,RCL&IIDL&IVAC&INAU&IDND&IFR&ANS&KNOR&CEBC&COTN&IEVT&IDIS&B
  SHT&LWNC&INDG&NLCR&APPR&ICZL&CDRD&TRBA&DSDL&NTON;
  ```

- TDCSU parameters

  ```
  ADD-TDCSU:NEW,1-06-079-
  1,80,81,0,0,100,7,7,"VIDEOCONF",0,ETSI,1,,NONE,,,,GDTR,N,CO,N
  ONE,N,0,,,,,, ,31,MANY,1-3-
  500,2,1,1,EMPTY,80,1,N,,,,,16,8,0,10,,EC&G711&G729OPT
  ,"",54,CIR,Y,S2COD, 1&&24 ,Y,1,8,0,0,0,0,0;
  ```

- PRODE parameters

  ```
  COPY-PRODE:PVCD,10;
  CHANGE-PRODE:PD,PD04,WELMAND,8, ,,,,,,,,,, ,,,,,02,,,,,
  ,,,,,,,,,, ,,20,,,,,,,;
  ```

```
CHANGE-PRODE:PD,PD04,WELMAND,14, ,,,,,,,,, ,,,,,02,,,,;
CHANGE-PRODE:PD,PD04,WELMAND,24, ,,,,,,,,, ,,,,,02,,,,;
CHANGE-PRODE:PD,PD04,WELMAND,36, ,,,,,,,,, ,,,,,02,,,,;
CHANGE-PRODE:PD,PD04,WELMAND,37, ,,,,,,,,, ,,,,,02,,,,;
CHANGE-PRODE:PD,PD04,WELNAME,6,26, 29,,,,,,,,;
CHANGE-PRODE:PD,PD04,ORG,,Y,;
```

13.5 Country Specific Feature Description

TMEW2 (Q2292-X100) - TIE analogue device for Italian Railway (F.F.S.S.) and Italian Power Supply (ENEL)

```
DIS-TACSU:1-2-49;
H500:  AMO TACSU STARTEDUAL NODES
                      ANALOG TRUNKS (FORMAT=L)
   PEN     |                       1-2-49-0 |
1-2-49-2 |
   --------|--------------------------------|-------------------
-------------|
   DEVTYPE |                          TT4 |
TT4 |
   DEV     |                         TSC7 |
TSC7 |
   COTNO   |                          130 |
130 |
   COPNO   |                          130 |
130 |
   DPLN    |                            0 |
0 |
   ITR     |                            0 |
0 |
   TGRP    |                          412 |
413 |
   COFIDX  |                            7 |
7 |
   CCT     |                       BX 5000 |
LOOP |
   DESTNO  |                          156 |
157 |
   INS     |                            Y |
Y |
   COS     |                          133 |
132 |
   LCOSV   |                            1 |
1 |
```

```
   LCOSD   |                          1 |
1 |
   INIGHT  |                            |
|
   NNO     |                      1-1-156 |
1-1-157 |
   ALARMNO |                          0 |
0 |
   CARRIER |                          1 |
1 |
   ZONE    |                        EMPTY |
EMPTY |
   LIN     |                          0 |
0 |
   CIDDGTS |                        NONE |
NONE |
   CBMATTR |                        NONE |
NONE |
   SRCGRP  |                          1 |
1 |
   CLASSMRK|   EC              G711 G729OPT |   EC
G711 G729OPT |
   TCCID   |                            |
|
   DITIDX  |                          0 |
0 |
   TRTBL   |                        GDTR |
GDTR |
   RULEIDX |                          0 |
0 |
   ATNTYP  |                            |
|
   DGTPRT1 |                            |
|
   DGTPRT2 |                            |
|
   DGTPRT3 |                            |
|
   CIRCIDX |                         18 |
18 |
   ------------------------------------------------------------
--------------
   ------------------------------------------------------------
--------------
                     ANALOG TRUNKS (FORMAT=L)
   PEN     |                   1-2-49-3 |
|
```

```
   --------|--------------------------------|-------------------
-------------|
   DEVTYPE |                          TT4 |
|
   DEV     |                         TSC7 |
|
   COTNO   |                          130 |
|
   COPNO   |                          130 |
|
   DPLN    |                            0 |
|
   ITR     |                            0 |
|
   TGRP    |                          413 |
|
   COFIDX  |                            7 |
|
   CCT     |                         LOOP |
|
   DESTNO  |                          157 |
|
   INS     |                            Y |
|
   COS     |                          132 |
|
   LCOSV   |                            1 |
|
   LCOSD   |                            1 |
|
   INIGHT  |                              |
|
   NNO     |                      1-1-157 |
|
   ALARMNO |                            0 |
|
   CARRIER |                            1 |
|
   ZONE    |                        EMPTY |
|
   LIN     |                            0 |
|
   CIDDGTS |                         NONE |
|
   CBMATTR |                         NONE |
|
   SRCGRP  |                            1 |
|
```

```
  CLASSMRK|  EC           G711 G729OPT |
|
  TCCID   |                            |
|
  DITIDX  |                          0 |
|
  TRTBL   |                       GDTR |
|
  RULEIDX |                          0 |
|
  ATNTYP  |                            |
|
  DGTPRT1 |                            |
|
  DGTPRT2 |                            |
|
  DGTPRT3 |                            |
|
  CIRCIDX |                         18 |
|
   ------------------------------------------------------------
--------------
   ------------------------------------------------------------
--------------


AMO-TACSU-111       CONFIGURATION OF ANALOG TRUNK CIRCUITS IN
THE SWU
DISPLAY COMPLETED;  CONFIGURATION OF ANALOG TRUNK CIRCUITS IN
THE SWU
  <PLAY COMPLETED;


DIS-TACSU:1-2-55;
H500:  AMO TACSU STARTEDIGURATION OF ANALOG TRUNK CIRCUITS IN
THE SWU
                     ANALOG TRUNKS (FORMAT=L)
   PEN     |                      1-2-55-0 |
1-2-55-1 |
   --------|--------------------------------|------------------
-------------|
   DEVTYPE |                         TC |
TC |
   DEV     |                       EMCONT2 |
EMCONT2 |
   COTNO   |                         24 |
24 |
   COPNO   |                         23 |
23 |
```

```
   DPLN    |                          0 |
0 |

   ITR     |                          0 |
0 |

   TGRP    |                         33 |
33 |

   COFIDX  |                          7 |
7 |

   CCT     |                       ENEL |
ENEL |

   DESTNO  |                         33 |
33 |

   INS     |                          Y |
Y |

   COS     |                         23 |
23 |

   LCOSV   |                          1 |
1 |

   LCOSD   |                          1 |
1 |

   INIGHT  |                            |
|

   NNO     |                    1-1-233 |
1-1-233 |

   ALARMNO |                          0 |
0 |

   CARRIER |                          1 |
1 |

   ZONE    |                      EMPTY |
EMPTY |

   LIN     |                          0 |
0 |

   CIDDGTS |                       NONE |
NONE |

   CBMATTR |                       NONE |
NONE |

   SRCGRP  |                          1 |
1 |

    CLASSMRK|   EC             G711 G729OPT |   EC
G711 G729OPT |

   TCCID   |                            |
|

   DITIDX  |                          0 |
0 |

   TRTBL   |                       GDTR |
GDTR |

   RULEIDX |                          0 |
0 |
```

```
   ATNTYP  |                          |
|
   MFCVAR  |                        0 |
0 |
   DGTPR   |                          |
|
   SUPPRESS|                        0 |
0 |
   DGTCNT  |                        0 |
0 |
   TESTNO  |                        1 |
1 |
   CIRCIDX |                       16 |
16 |
   CRDINT  |                        1 |
1 |
   CCTINFO |                        0 |
0 |
   DIALTYPE|                   DIP-DIP  |
DIP-DIP  |
   DIALVAR |                    0-0    |
0-0    |
   COEX    |                        0 |
0 |
   ------------------------------------------------------------
--------------
   ------------------------------------------------------------
--------------
                     ANALOG TRUNKS (FORMAT=L)
   PEN     |                 1-2-55-2 |
|
   --------|---------------------------------|-------------------
-------------|
   DEVTYPE |                       TC |
|
   DEV     |                  EMCONT2 |
|
   COTNO   |                       24 |
|
   COPNO   |                       23 |
|
   DPLN    |                        0 |
|
   ITR     |                        0 |
|
   TGRP    |                       34 |
|
```

```
   COFIDX  |                          7 |
|
   CCT     |                       ENEL |
|
   DESTNO  |                         34 |
|
   INS     |                          Y |
|
   COS     |                         23 |
|
   LCOSV   |                          1 |
|
   LCOSD   |                          1 |
|
   INIGHT  |                            |
|
   NNO     |                    1-1-234 |
|
   ALARMNO |                          0 |
|
   CARRIER |                          1 |
|
   ZONE    |                      EMPTY |
|
   LIN     |                          0 |
|
   CIDDGTS |                       NONE |
|
   CBMATTR |                       NONE |
|
   SRCGRP  |                          1 |
|
   CLASSMRK|   EC           G711 G729OPT |
|
   TCCID   |                            |
|
   DITIDX  |                          0 |
|
   TRTBL   |                       GDTR |
|
   RULEIDX |                          0 |
|
   ATNTYP  |                            |
|
   MFCVAR  |                          0 |
|
   DGTPR   |                            |
|
```

```
   SUPPRESS|                          0 |
|
   DGTCNT  |                          0 |
|
   TESTNO  |                          1 |
|
   CIRCIDX |                         16 |
|
   CRDINT  |                          1 |
|
   CCTINFO |                          0 |
|
   DIALTYPE|                   DIP-DIP  |
|
   DIALVAR |                     0-0    |
|
   COEX    |                          0 |
|
    ------------------------------------------------------------
--------------
    ------------------------------------------------------------
--------------


AMO-TACSU-111       CONFIGURATION OF ANALOG TRUNK CIRCUITS IN
THE SWU
DISPLAY COMPLETED;  CONFIGURATION OF ANALOG TRUNK CIRCUITS IN
THE SWU
  <PLAY COMPLETED;


DIS-COT:130;
H500:  AMO COT   STARTEDIGURATION OF ANALOG TRUNK CIRCUITS IN
THE SWU


  COT: 130  INFO:
  DEVICE: INDEP      SOURCE: DB
  PARAMETER:DEP      SOURCE: DB
       TRUNK CALL TRANSFER
XFER
       TRUNK SIGNALING ANSWER
ANSR
       CALL EXTEND ONLY FOR CALL STATE
CEOC
      REGISTRATION OF IMPLAUSIBLE EVENTS
IEVT
       SEND NO NODE NUMBER TO PARTNER
LWNC
```

```
       INCOMING CIRCUIT FROM SYSTEM WITHOUT LCR
NLCR
       ITALIAN RAILWAY TONE
IRTO
        ANNOUNCEMENT ON INCOMING SEIZURE TYPE 2, TSC (ITAL.
RAILW.)   AI2O
      DIAL TONE ON INCOMING SEIZURE TYPE 1 & OWN NODE NO., TSC
DI1N
        ANNONCEMENT ON INCOMING SEIZURE TYPE 3 & OWN NODE NO.,
TSC    AI3N
       CONTROLLED TRUNK AND LINE SELECTION
CTLS
       NO TONE
NTON

AMO-COT -111     CLASS OF TRUNK FOR CALL PROCESSING
DISPLAY COMPLETED; CLASS OF TRUNK FOR CALL PROCESSING
  <PLAY COMPLETED;

DIS-COP:130;
H500: AMO COP  STARTEDS OF TRUNK FOR CALL PROCESSING

  COP: 130  INFO:
  DEVICE: INDEP      SOURCE: DB
  PARAMETER:DEP      SOURCE: DB
      LINE WITH ANSWERING
ANS
       LINE WITH SEIZURE ACKNOWLEDGE
SACK
      LINE WITH SUPERVISION AND RELEASE ACKNOWLEDGEMENT
LSUP
       BACKWARD RELEASE WHEN BUSY
RLSB
       BACKWARD RELEASE AFTER RELEASE
RLSA
       MAKE/BREAK RATIO (60/40)
BR64
       DIALING AFTER REGISTER SEIZURE
RGSZ
      SEND SERVICE PROFILE (BC-HLC-LLC) NOT TRANSPARENT
SPTR
       ITALIAN RAILWAY
ILRW
       FIRST DIALTONE NOT A CONTINUOUS TONE
NTON
```

```
        START-DIALING-SIGNAL TIMER 1 (AMO DTIM2: PARAMETER
STADIAL1)  TIM1
       LINE WITH NO START-DIAL-SIGNAL
NSDL
       PREDIALING DELAY 1 (AMO DTIM2: PDLY1)
PDP1
       INTERDIGIT PAUSE 1 (AMO DTIM2: IDGT1)
IDP1


AMO-COP -111    CLASS OF PARAMETER FOR DEVICE HANDLER
DISPLAY COMPLETED; CLASS OF PARAMETER FOR DEVICE HANDLER
  <PLAY COMPLETED;


DIS-COT:24;
H500: AMO COT  STARTEDS OF PARAMETER FOR DEVICE HANDLER


   COT:  24  INFO:
   DEVICE: INDEP      SOURCE: DB
   PARAMETER:DEP      SOURCE: DB
      LINE WITH ADVANCED END-OF-DIAL TRANSMISSION
AEOD
       KNOCKING OVERRIDE POSSIBLE
KNOR
       CALL EXTEND ONLY FOR CALL STATE
CEOC
       TIE LINES
TIEC
       BACK RELEASE AFTER RECALL
BRAR
       REGISTRATION OF IMPLAUSIBLE EVENTS
IEVT
       DON'T RELEASE CALL TO BUSY HUNT GROUP
BSHT
       SEND NO NODE NUMBER TO PARTNER
LWNC
       INCOMING CIRCUIT FROM SYSTEM WITHOUT LCR
NLCR
       CALL WAITING ON BUSY SUBSCRIBER
CWBS
       NO OVERRIDE ON CO-CONNECTIONS
NOVC
       INTERNAL DIAL TONE
DTNI


AMO-COT -111    CLASS OF TRUNK FOR CALL PROCESSING
```

```
DISPLAY COMPLETED; CLASS OF TRUNK FOR CALL PROCESSING
  <PLAY COMPLETED;

DIS-COP:23;
H500: AMO COP  STARTEDS OF TRUNK FOR CALL PROCESSING

  COP:  23  INFO:
  DEVICE: INDEP      SOURCE: DB
  PARAMETER:DEP      SOURCE: DB
       LINE WITH START-DIAL-SIGNAL
SDL
      LINE WITH SUPERVISION AND RELEASE ACKNOWLEDGEMENT
LSUP
       BACKWARD RELEASE AFTER RELEASE
RLSA
       DIALTONE ON INCOMING SEIZURE
DTNA
       MAKE/BREAK RATIO (60/40)
BR64
      CO TRUNK CIRCUIT WILL BE USED AS TIE TRUNK
TIE4
      BUSY TONE TIMEOUT 3 FOR INCOMING CALLS
BTN3
        START-DIALING-SIGNAL TIMER 1 (AMO DTIM2: PARAMETER
STADIAL1)  TIM1
       PREDIALING DELAY 2 (AMO DTIM2: PDLY2)
PDP2
       INTERDIGIT PAUSE 2 (AMO DTIM2: IDGT2)
IDP2

  CO TRUNK ACCESS:
       TRUNK ACCESS
TA

  TOLL ACCESS:
       TRUNK ACCESS
TA

AMO-COP -111    CLASS OF PARAMETER FOR DEVICE HANDLER
DISPLAY COMPLETED; CLASS OF PARAMETER FOR DEVICE HANDLER
  <PLAY COMPLETED;

DISPLAY-PTIME:REST,TSC7;
```

```
H500:  AMO PTIME STARTED
REST  TIMERS:
=============
 ============
INIBLOCK: 101    DEVICE: TSC7      TBLK: 18
-----------------------------------------------------------------
LONGTIME:
  L1  =   800,  L2  =   800,  L3  =    0,  L4  =    0,
  L5  = 10000,  L6  =   500,  L7  =    0,
SHORTTIME:
  S1  =   220,  S2  =   180,  S3  =   100,  S4  =   100,
  S5  =    70,  S6  =   250,  S7  =    70,  S8  =    40,
  S9  =     0,  S10 =     0,  S11 =   100,  S12 =   200,
  S13 =    40,  S14 =     0,
SHORT-PARA:
  P1  =     0,  P2  =     0,  P3  =     0,  P4  =     0,
  P5  =     4,  P6  =     0,  P7  =     0,  P8  =     0,
  P9  =     0,  P10 =     0,  P11 =     0,  P12 =     0,
  P13 =     0,  P14 =     0.
  P13 =     0,  P14 =     0.

AMO-PTIME-111     TIMERS FOR PERIPHERAL PROCESSING
DISPLAY COMPLETED; TIMERS FOR PERIPHERAL PROCESSING
  <PLAY COMPLETED;

DISPLAY-PTIME:REST,EMCONT2;
H500:  AMO PTIME STARTEDT2;
REST  TIMERS:
=============
 ============
INIBLOCK: 104    DEVICE: EMCONT2    TBLK: 16
-----------------------------------------------------------------
LONGTIME:
  L1  =  5000,  L2  =   180,  L3  =   500,  L4  =    85,
  L5  =   300,  L6  =    80,  L7  =   400,
SHORTTIME:
  S1  =    80,  S2  =   100,  S3  =   100,  S4  =   140,
  S5  =   100,  S6  =    60,  S7  =     0,  S8  =     0,
  S9  =     0,  S10 =     1,  S11 =    40,  S12 =    25,
```

```
  S13 =    25,  S14 =     5,
SHORT-PARA:
  P1  =     5,  P2  =     8,  P3  =    80,  P4  =     0,
  P5  =     4,  P6  =     3,  P7  =     0,  P8  =     0,
  P9  =     1,  P10 =    16,  P11 =     0,  P12 =    28,
  P13 =    85,  P14 =     0.
  P13 =    85,  P14 =     0.
INIBLOCK: 104    DEVICE: EMCONT2    TBLK: 17
-----------------------------------------------------------------
LONGTIME:
  L1  =  5000,  L2  =   180,  L3  =   120,  L4  =    90,
  L5  =   100,  L6  =   200,  L7  =   400,
SHORTTIME:
  S1  =    80,  S2  =   100,  S3  =    30,  S4  =   140,
  S5  =   100,  S6  =    60,  S7  =    10,  S8  =     0,
  S9  =   120,  S10 =     0,  S11 =     0,  S12 =     1,
  S13 =    60,  S14 =     1,
SHORT-PARA:
  P1  =     0,  P2  =     0,  P3  =     0,  P4  =     0,
  P5  =     4,  P6  =     0,  P7  =     0,  P8  =     0,
  P9  =     0,  P10 =     1,  P11 =     0,  P12 =    28,
  P13 =     0,  P14 =     0.
  P13 =     0,  P14 =     0.
INIBLOCK: 104    DEVICE: EMCONT2    TBLK: 24
-----------------------------------------------------------------
LONGTIME:
  L1  =  5000,  L2  =   180,  L3  =   120,  L4  =    90,
  L5  =   100,  L6  =   200,  L7  =   400,
SHORTTIME:
  S1  =    80,  S2  =   100,  S3  =    30,  S4  =   140,
  S5  =   100,  S6  =    60,  S7  =     0,  S8  =     0,
  S9  =     0,  S10 =     1,  S11 =     0,  S12 =     1,
  S13 =    60,  S14 =     0,
SHORT-PARA:
  P1  =     0,  P2  =     0,  P3  =     0,  P4  =     0,
  P5  =     4,  P6  =     2,  P7  =     0,  P8  =     0,
  P9  =     0,  P10 =     1,  P11 =    16,  P12 =     0,
  P13 =    85,  P14 =     0.
  P13 =    85,  P14 =     0.
```

```
AMO-PTIME-111     TIMERS FOR PERIPHERAL PROCESSING
DISPLAY COMPLETED; TIMERS FOR PERIPHERAL PROCESSING
  <PLAY COMPLETED;
```

13.6 Description of Patches / PRB's (preliminary corrections)

Patch / PRB	Description
PS30377	Adaption for AOC italian pilot specific ISDN with DSS1 user protokol
PS30756	Kein Rufton Bei Amtsverbindung Italien
PS30374	The connect number should be displayed also in case of network provided
PS30409 **PS30C51** **PS30C53**	Wrong CLIP COLP Number from Italian Mobile Network Type of Number is unknown but number is national

13.7 Open Problems at M3 EoF

PRO-02-014829

14 Country Adaptation for Japan (JPN)

Status:

The HiPath 4000 V1.0 for JPN has reached technical milestone M3.

Software basis: V1.0 SMR 09 SMP 05

Central office: NTT 70

IMPORTANT: The informations given in this chapter are valid only at the release date of this document. It can not be ensured, that all parameters or links are valid for the whole life time of this HiPath 4000 V1.0 version.

14.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  a) DIUN2 (Q2196-X) - incoming and outgoing digital PTT trunk

  b) TMANI (Q2327-X100) - bothway analog PTT trunk, with GEE

  c) TMANI (Q2327-X101) - bothway analog PTT trunk, without GEE

- Software

  Details can be found in the country AKABAM.

  a) Tone table JPN (18)

  b) SWU Text Version: S0-TLX.20.026 (english)

  c) SLMA24 with countrycode version 0

14.2 Restrictions

Details can be found in the country AKABAM.

14.3 Hardware

14.3.1 Data As Used During Fieldtrial

Hardware	Partnumber S30810-	OS-version	Loadware :PDS:APSP/LTG/	Firmware
DIU-N2	Q2196-X	B9	**PZFDUN20**	6
TMANI	Q2327-X100			
TMANI	Q2327-X101			

14.3.2 Data Planned From Development

no changes

14.4 Country Specific Parameters

14.4.1 General

- AMO ZAND parameter used during the field trial:

  CHA-ZAND:TYPE=ALLDATA,TRANSFER=EXTEND,ALERTN=YES,AUTHUP=TA,
  RNGBKTN=YES,TRANSINH=NO,NIGHT=TA,ITRFWD=NO,HOLDTN=MUSIC,ANATE
  SIG=TONE,DSSLT=35,CODTN=YES,CONFSUB=YES,DATEDIS=MMDD,CNTRYCD=
  18,RCLLT=NO,MELODY=1,CPBLOWL=80,CPBUPPL=100,CUTHRU1A=YES,PRED
  IA=NO,SIUANN=2,CO=NO,COEXN=0,CBKNO=5,SEVDIG=NO,PNNO=1-43-
  100,DISPMODE=MODE1,ROUTOPTP=NO,ROUTOPTD=NO,CALLOFF=NO,PARARIN
  G=YES,DSSDEST=YES,ONEPARTY=YES,MSGDELAY=NO,EXCOCO=YES,TRDGT
  PR=NO,COANN=YES,HOTDIAL=NO,TRANSTOG=NO,NOCFW=NO,HOLDHUNT=NO,P
  OSTDDLY=NO,EXBUSYOV=NO,OVRMST=NO,OVRHUNT=NO,CONITPRO=YES,RECH
  UNT=NO,CALLACMP=NO;

  CHA-ZAND:TYPE=ALLDATA2,HOTELNUM=NO,XFHGMAS=NO,DSSPICUP=YES,
  FASTCFNA=YES,DISPCHES=YES,DISCLHNT=NO,FWDWACKN=NO,BSYHANDF=NO
  ,FWDMAX=10,FWDVMS1=YES,TRCCSN7=NO,FWDUNDTR=NO,COSIND=NO,TRANS
  CO=NO,ANSES=NO,OLISFREE=ONHOOK,TEXTDISP=CENTER,PABXSELL=HICOM
  ,DSPOWNNO=YES,DIRREC=NO,CSDTYPE=STANDARD,CONFTNCD=NO,LNR=YES,
  ROLCKVCM=NO,FACBUF=64,VCMTRANS=NO,HOWLTONE=NO,DISPNUUN=*XXX*,
  DISPTGNA=YES,POSTDRED=NO,GRCALL=NO,MAILSCRL=NO,TEXTSEL=E
  NGLISH,INDNADIS=YES,UUS=NODIV,NOCFWTAC=NO,ISYNCHG=NO,ROUTTONE
  =NO,SOFTREST=SWITOVER,CALWTANA=YES,CBPBUSY=NO,SWSTAT=NO,VIRSU
  BNO=NO,OOSTONE=NO,TYPEDNIS=INTDNIS,CONFTONE=NO,DISPTONE=NO,CA
  MPON=NO,USRINGTY=0;

  **CHANGE-
  ZAND:TYPE=ALLDATA3**,NWTOPTIM=20,DDSIMPFL=YES,CIDBON=YES,RENSFW
  D=NO,VCOCUG=NO,CFUI=NO,NOCFOOO=NO;

```
CHANGE-
ZAND:TYPE=RNGTYPE,DSS=DBLR2,FWD=SGLR2,EXTCO=SGLR1,NORM=DBLR1,
RMDCALL=SGLR2,NVCE=SGLR1,MSGRCALL=SGLR2,PRI=PRR,MT=MTR,CBK=SG
LR1,RECALL=SGLR1,COMGROUP=SGLR2;

CHANGE-
ZAND:TYPE=CCM,STNRNG=YES,SRCHTN=RNGBK,DEL=NO,POSTDBSY=YES,
SRCHONCE=NO,ANNINTCC=NO,ANNEXTCC=NO,AAFTERB=NO,ADISPEND=NO,SY
NCACCM=NO,NOENDPOU=NO,OPENNO=NO,ISYNCCCM=NO;

CHANGE-ZAND:TYPE=CIT,FECCSDEV=0,APIMAX=0;

CHANGE-ZAND:TYPE=TN,SIUC=18,DTR=18,RDS=00,CONFC=18;

CHANGE-ZAND:TYPE=TONES,CP=DND,SIU=6;

CHANGE-ZAND:TYPE=TONES,CP=RTOTON2,SIU=5;

CHANGE-ZAND:TYPE=CONFC,CODE=ALAW,CONFAT=0,STNAT=3;

CHA-
ZAND:TYPE=DIUSL,EIDX=1,ACTION=NOACT,ERRTYPE=REMAL&REMAL64&LOF
RA64&AIS64&NOSIG64&REMCRC,MODPWSET=RES;

CHANGE-
ZAND:TYPE=CCD,CDDISPEX=UNIT,CCUC=23,CDDISPAT=1,CDRRINGB=NO,NE
TPROV=NO;

CHANGE-
ZAND:TYPE=ATND,CACFWMAX=2,EXTBSTNN=EXT1,ITRATND=YES,ATNDTN=YE
S,
ATNDAL=NO,ACCHECK=NO,ACOVLT=NO,OLDISPQ=NO,ATNDDISC=NO,ATNDHOL
D=NO,WTATND=NO,PRICQ=NO,OVERFLPM=NO,AUTNS=NO,ACEXTWFT=NO,ACCN
TRY=0,ISYNCAC=NO,NOSPXTPM=NO,CALLRETR=NO,COD=NO,INGHTACT=1,IN
IGHT=NO,RINEMER=NO,TAPALW=NO,COMP1000=NO;

CHA-ZAND:TYPE=OPTISET,DISPTIME=24HOUR,ACOUSTID=EUROPE,
LANGID=ENGLISH&GERMAN&GERMAN&GERMAN&GERMAN,BUSYVOL=19,RINGVOL
=4,RINGSOUN=2,ALERTVOL=2,CALLVOL=1,SPKRVOL=4,ROOMCHAR=NORMAL,
RSRSLMO=80,MAXVOL=7,SAVEVOL=YES,TAABCTID=2,DISPDEL=NO,V2RINGS
O=4,DISPCONT=2,ROLLVOL=3,CONSONLY=NO,MAMESCRL=NO,SRVCALL=NO,P
ICKOPT=NO,ATONZERO=NO,DISPLOGO=" ";

CHANGE-ZAND:TYPE=SIUXPER,LEVDTMF=0,LEVMFC=0;

CHANGE-
ZAND:TYPE=ACD,ACDALLOW=NO,MONTONE=NO,SUPAGTNU=NO,COCONN=NO,TI
ECONN=NO;

CHANGE-
ZAND:TYPE=VMI,MWIOPEN=NO,ALEN=8,BLEN=6,DTMFCTRL=NO,PICKUP=NO,
NARELOUT=NO,PIN=NO;

CHANGE-ZAND:TYPE=DOMAIN,DOMTYPE=PRIVATE,DOMAINNR=1;

CHANGE-
ZAND:TYPE=KEYSYS,COSLNBAS=NO,DISLNBAS=NO,HOLDACKY=YES,HDNOACK
Y=YES;

CHANGE-ZAND:TYPE=ACC,DCDRACC=F,ACCONEKY=NO;

CHANGE-
ZAND:TYPE=LEDTYPE,RINGING=FAST,HELD=SLOW,CALLFWD=OFF,FEATURE=
SLOW,PRIORITY=FAST;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=1,DIVTYPE=CFU,MAXDIVNO=10,ALLDIVTY=CF
U&CFB&CFNR&CD;
```

```
CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=1,DIVTYPE=CFB,MAXDIVNO=10,ALLDIVTY=CF
U&CFB&CFNR&CD;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=1,DIVTYPE=CFNR,MAXDIVNO=10,ALLDIVTY=C
FU&CFB&CFNR&CD;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=1,DIVTYPE=CD,MAXDIVNO=10,ALLDIVTY=CFU
&CFB&CFNR&CD;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=2,DIVTYPE=CFU,MAXDIVNO=10,ALLDIVTY=CF
U&CFB&CFNR&CD;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=2,DIVTYPE=CFB,MAXDIVNO=10,ALLDIVTY=CF
U&CFB&CFNR&CD;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=2,DIVTYPE=CFNR,MAXDIVNO=10,ALLDIVTY=C
FU&CFB&CFNR&CD;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=2,DIVTYPE=CD,MAXDIVNO=10,ALLDIVTY=CFU
&CFB&CFNR&CD;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=3,DIVTYPE=CFU,MAXDIVNO=10,ALLDIVTY=CF
U&CFB&CFNR&CD;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=3,DIVTYPE=CFB,MAXDIVNO=10,ALLDIVTY=CF
U&CFB&CFNR&CD;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=3,DIVTYPE=CFNR,MAXDIVNO=10,ALLDIVTY=C
FU&CFB&CFNR&CD;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=3,DIVTYPE=CD,MAXDIVNO=10,ALLDIVTY=CFU
&CFB&CFNR&CD;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=4,DIVTYPE=CFU,MAXDIVNO=10,ALLDIVTY=CF
U&CFB&CFNR&CD;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=4,DIVTYPE=CFB,MAXDIVNO=10,ALLDIVTY=CF
U&CFB&CFNR&CD;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=4,DIVTYPE=CFNR,MAXDIVNO=10,ALLDIVTY=C
FU&CFB&CFNR&CD;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=4,DIVTYPE=CD,MAXDIVNO=10,ALLDIVTY=CFU
&CFB&CFNR&CD;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=5,DIVTYPE=CFU,MAXDIVNO=10,ALLDIVTY=CF
U;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=5,DIVTYPE=CFB,MAXDIVNO=1,ALLDIVTY=NON
E;
```

```
CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=5,DIVTYPE=CFNR,MAXDIVNO=1,ALLDIVTY=NO
NE;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=5,DIVTYPE=CD,MAXDIVNO=1,ALLDIVTY=NONE
;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=6,DIVTYPE=CFU,MAXDIVNO=10,ALLDIVTY=CF
U;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=6,DIVTYPE=CFB,MAXDIVNO=1,ALLDIVTY=NON
E;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=6,DIVTYPE=CFNR,MAXDIVNO=1,ALLDIVTY=NO
NE;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=6,DIVTYPE=CD,MAXDIVNO=1,ALLDIVTY=NONE
;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=7,DIVTYPE=CFU,MAXDIVNO=10,ALLDIVTY=CF
U;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=7,DIVTYPE=CFB,MAXDIVNO=1,ALLDIVTY=NON
E;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=7,DIVTYPE=CFNR,MAXDIVNO=1,ALLDIVTY=NO
NE;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=7,DIVTYPE=CD,MAXDIVNO=1,ALLDIVTY=NONE
;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=8,DIVTYPE=CFU,MAXDIVNO=10,ALLDIVTY=CF
U&CFB&CFNR&CD;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=8,DIVTYPE=CFB,MAXDIVNO=10,ALLDIVTY=CF
U&CFB&CFNR&CD;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=8,DIVTYPE=CFNR,MAXDIVNO=10,ALLDIVTY=C
FU&CFB&CFNR&CD;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=8,DIVTYPE=CD,MAXDIVNO=10,ALLDIVTY=CFU
&CFB&CFNR&CD;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=9,DIVTYPE=CFU,MAXDIVNO=10,ALLDIVTY=CF
U;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=9,DIVTYPE=CFB,MAXDIVNO=1,ALLDIVTY=NON
E;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=9,DIVTYPE=CFNR,MAXDIVNO=1,ALLDIVTY=NO
NE;
```

```
CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=9,DIVTYPE=CD,MAXDIVNO=1,ALLDIVTY=NONE
;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=10,DIVTYPE=CFU,MAXDIVNO=10,ALLDIVTY=C
FU&CFB&CFNR&CD;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=10,DIVTYPE=CFB,MAXDIVNO=10,ALLDIVTY=C
FU&CFB&CFNR&CD;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=10,DIVTYPE=CFNR,MAXDIVNO=10,ALLDIVTY=
CFU&CFB&CFNR&CD;

CHANGE-
ZAND:TYPE=DIST,DIVSQIDX=10,DIVTYPE=CD,MAXDIVNO=10,ALLDIVTY=CF
U&CFB&CFNR&CD;

CHANGE-ZAND:TYPE=MLPP,MAUTO=NO,MCAMP=NO,MTONE=NO,MLPPDOM=0-0-
0-0-0;


DIS-ZAND:LOADWARE;

H500:  AMO ZAND  STARTED

   LOADWARE FOR ASSIGNED STATION LINE MODULES AND SIUC:

   ================================================

SSIU = 0,  CONF = 0,  LTUX = 0,  DUN2 = 0,  SLA2 = 0,  SMP1 =
0,

TMEU = 0,  STMD = 0,  22MV = 0,  TM2L = 0,  DCA2 = 0;
```

14.4.2 Module DIUN2 (Q2196-x)

14.4.2.1 Data As Used During Field Trial

- **BCSU parameters**

  ```
  ADD-BCSU:MTYPE=DIU,LTG=1,LTU=2,SLOT=25,PARTNO="Q2196-X
  ",LWVAR=0,FCTID=1,HWYBDL=A;
  ```

- **SICOFI INDEX**

  not necessary

- **COT parameters**

  ```
  ADD-
  COT:COTNO=1,PAR=RCL&XFER&ANS&CHRT&CEBC&FWDN&RCLS&LWNC&NLCR&DF
  NN&NLRD&LINO&CTLS&NTON;

  CHANGE-COT:COTNO=1,COTTYPE=COTADD,DEV=INDEP,INFO="COT FOR
  DID1 GROUP";
  ```

- **COP parameters**

```
ADD-COP:COPNO=1,PAR=L3AR,TRK=TA,TOLL=TA;

CHANGE-COP:COPNO=1,COPTYPE=COPADD,DEV=INDEP,INFO="COP FOR
DID1 GROUP ";
```

- **PRODE parameters**

```
COPY-PRODE:PVCD,10;
```

- **PTIME parameters**

  none

- **TDCSU parameters**

```
ADD-TDCSU:OPT=NEW,PEN=1-03-085-
0,COTNO=1,COPNO=1,DPLN=1,ITR=1,COS=1,LCOSV=1,LCOSD=1,CCT="043
-297-
5021",DESTNO=0,PROTVAR=ETSI,SEGMENT=1,DEDSVC=NONE,TRTBL=GDTR,
SIDANI=N,ATNTYP=CO,CBMATTR=NONE,TCHARG=N,SUPPRESS=3,ISDNIP=00
1,ISDNNP=0,TRACOUNT=31,SATCOUNT=MANY,NNO=1-43-
31,ALARMNO=2,FIDX=1,CARRIER=1,ZONE=EMPTY,COTX=1,FWDX=1,CHIMAP
=N,UUSCCX=16,UUSCCY=8,FNIDX=1,NWMUXTIM=10,CLASSMRK=EC&G711&G7
29OPT,TGRP=31,SRCHMODE=CIR,INS=Y,DEV=S0COD,PERMACT1=Y,PERMACT
2=Y,TEIVERIF=N,FIXEDTEI=0,CNTRNR=0,BCNEG=N;
```

14.4.3 Module TMANI (Q2327-X100/Q2327-X101)

14.4.3.1 Data As Used During Field Trial

- **BCSU parameters**

```
ADD-BCSU:MTYPE=PER,LTG=1,LTU=7,SLOT=79,PARTNO="Q2327-
X100",FCTID=0,LWVAR=0,HWYBDL=A;
```

  or

```
ADD-BCSU:MTYPE=PER,LTG=1,LTU=7,SLOT=79,PARTNO="Q2327-
X101,FCTID=0,LWVAR=0,HWYBDL=A;
```

- **SICOFI INDEX**

  not necessary

- **COT parameters**

```
ADD-
COT:COTNO=11,PAR=RCL&XFER&ANS&CHRT&CEBC&FWDN&RCLS&LWNC&NLCR&D
FNN&NLRD&LINO&CTLS&NTON;

CHANGE-COT:COTNO=11,COTTYPE=COTADD,DEV=INDEP,INFO="COT FOR
SAVAJU MOBILE GOUP";
```

- **COP parameters**

```
ADD-
COP:COPNO=11,PAR=DTMF&ANS&LSUP&RLSB&RLSA&NO1A&DITW&TIM1&NSDL&
DTM1,TRK=TA,TOLL=TA;
```

```
CHANGE-COP:COPNO=11,COPTYPE=COPADD,DEV=INDEP,INFO="COP FOR
SAVAJU-MABILE";
```

- **PTIME parameters**

```
COPY-PTIME:INIBLOCK=87,TBLK=1;

CHANGE-PTIME:TYPE=REST,TBLK=1,BTYPE=LONG,L2=5000,L3=400;

CHANGE-
PTIME:TYPE=REST,TBLK=1,BTYPE=SHORT,S7=20,S8=0,S10=6,S11=6;

CHANGE-
PTIME:TYPE=REST,TBLK=1,BTYPE=PARA,P1=17,P4=4,P6=0,P10=5,P14=1
5;
```

- **PRODE parameters**

```
COPY-PRODE:PVCD,10;
```

- **TACSU parameters**

```
ADD-TACSU:PEN=1-7-79-
0,COTNO=11,COPNO=11,DPLN=0,ITR=0,COS=1,LCOSV=2,LCOSD=1,TGRP=1
1,COFIDX=0,CCT="            ",DESTNO=0,NNO=1-43-
11,ALARMNO=2,CARRIER=1,ZONE=EMPTY,LIN=0,CIDDGTS=NONE,CBMATTR=
NONE,SRCGRP=1,CLASSMRK=NONE,TCCID=",DITIDX=0,TRTBL=GDTR,RULEI
DX=0,INS=Y,DEVTYPE=TC,DEV=ANMOSIG,MFCVAR=0,SUPPRESS=0,DGTCNT=
0,TESTNO=1,CIRCIDX=1,CDRINT=1,CCTINFO=0,DIALTYPE=MOSIG-
DTMF,DIALVAR=0-0,COEX=0;
```

14.5 Country Specific Feature Description

Also tested was MSC05977 (Japanese display messages).

14.6 Description of Patches / PRB’s (preliminary corrections)

none

14.7 Open Problems At M3 EoF Date

none

15 Country Adaptation for Korea (KOR)

Status:

The HiPath 4000 V1.0 for Korea has reached technical milestone M3.

Software basis: V1.0 SMR 08 SMP 07

Central office: S1240/belgium and TDX100KT

IMPORTANT: The informations given in this chapter are valid only at the release date of this document. It can not be ensured, that all parameters or links are valid for the whole life time of this HiPath 4000 V1.0 version.

15.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  a) DIUN2 (Q2196-X) - outgoing PTT trunk, ISDN PRI, Protocol ETSI, CO TDX100/KT

  b) DIUC64 (Q2185-X) - incoming PTT trunk, MFC R2 DID, CO S1240/ Belgium

  c) TMANI (Q2327-X100) - bothway analog PTT trunk, with GEE

  d) TMANI (Q2327-X101) - bothway analog PTT trunk, without GEE

- Software

  Details can be found in the country AKABAM.

  a) Tone table KOR (16)

  b) SWU Text Version: S0-TLX.20.020 (english)

  c) SLMA24 with countrycode version 16

15.2 Restrictions

Details can be found in the country AKABAM.

15.3 Hardware

15.3.1 Data As Used During Fieldtrial

Hardware	Partnumber S30810-	OS- version	Loadware :PDS:APSP/LTG/	Firmware
DIUN2	Q2196-X	V1.6 00/01/04	**PZFDUN20**	06
DIUC64	Q2185-X	081XF2002	**PZFDCASF**	D
TMANI	Q2327-X100			
TMANI	Q2327-X101			

15.3.2 Data Planned From Development

No changes

15.4 Country Specific Parameters

15.4.1 General

- AMO ZAND parameter used during the field trial:

```
REG-ZAND;

H500:  AMO ZAND  STARTED

CHANGE-
ZAND:ALLDATA,EXTEND,NO,TA,YES,NO,TA,YES,MUSIC,TONE,10,YES,YES
,DDMM,"16",NO,"1",,80,100,NO,NO,"2",YES,0,5,NO,1-100-
99,MODE1,,NO,NO,NO,YES,YES,YES,NO,YES,NO,NO,YES,YES,NO,NO,NO,
NO,NO,NO,YES,NO,NO;

CHANGE-
ZAND:ALLDATA2,NO,NO,YES,NO,NO,NO,NO,NO,3,NO,NO,NO,NO,NO,NO,PR
ESSBUT,CENTER,HICOM,YES,NO,"STANDARD",NO,YES,NO,1,NO,NO,"*XXX
*
",YES,NO,YES,NO,ENGLISH,YES,DIV,NO,NO,NO,SWITOVER,NO,NO,YES,N
O,,NO,INTDNIS,NO,NO,NO,"0";

CHANGE-ZAND:ALLDATA3,20,YES,YES,NO,,NO,NO,NO;

CHANGE-
ZAND:RNGTYPE,"DBLR2","SGLR2","DBLR1","SGLR1","SGLR2","SGLR1",
"SGLR2","PRR","MTR","SGLR1","SGLR1","SGLR2";

CHANGE-ZAND:LOADWARE,"DCAS","F";

CHANGE-ZAND:CCM,YES,RNGBK,NO,YES,NO,NO,NO,NO,NO,NO,NO,NO,NO;
```

```
CHANGE-ZAND:CIT,0,0,"      ",;

CHANGE-ZAND:TN,"16","16","00","16";

CHANGE-ZAND:CONFC,ALAW,0,3;

CHANGE-
ZAND:DIUSL,1,NOACT,REMAL&REMAL64&LOFRA64&AIS64&NOSIG64&REMCRC
,RES;

CHANGE-ZAND:CCD,UNIT,23,"1",NO,NO;

CHANGE-
ZAND:ATND,2,EXT1,YES,YES,NO,NO,NO,NO,NO,NO,NO,NO,NO,NO,NO,0,N
O,NO,NO,NO,1,NO,NO,NO,NO;

CHANGE-ZAND:RESERVE,124,YES;

CHANGE-
ZAND:OPTISET,"24HOUR",EUROPE,GERMAN&GERMAN&GERMAN&GERMAN&GERM
AN,19,4,2,2,1,4,NORMAL,80,7,YES,"2",NO,4,2,3,NO,NO,NO,NO,NO,"
";

CHANGE-ZAND:SIUXPER,"0","0";

CHANGE-ZAND:ACD,NO,NO,,NO,NO,NO;

CHANGE-ZAND:VMI,NO,8,6,NO,NO,NO,NO;

CHANGE-ZAND:DOMAIN,PRIVATE,1;

CHANGE-ZAND:KEYSYS,NO,NO,YES,YES;

CHANGE-ZAND:ACC,F,NO;

CHANGE-ZAND:LEDTYPE,"FAST","SLOW","OFF","SLOW","FAST";

CHANGE-ZAND:DIST,1,CFU,10,CFU;

CHANGE-ZAND:DIST,1,CFB,1,NONE;

CHANGE-ZAND:DIST,1,CFNR,1,NONE;

CHANGE-ZAND:DIST,1,CD,1,NONE;

CHANGE-ZAND:DIST,2,CFU,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,2,CFB,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,2,CFNR,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,2,CD,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,3,CFU,10,CFU;

CHANGE-ZAND:DIST,3,CFB,1,NONE;

CHANGE-ZAND:DIST,3,CFNR,1,NONE;

CHANGE-ZAND:DIST,3,CD,1,NONE;

CHANGE-ZAND:DIST,4,CFU,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,4,CFB,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,4,CFNR,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,4,CD,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,5,CFU,10,CFU;

CHANGE-ZAND:DIST,5,CFB,1,NONE;

CHANGE-ZAND:DIST,5,CFNR,1,NONE;

CHANGE-ZAND:DIST,5,CD,1,NONE;
```

```
CHANGE-ZAND:DIST,6,CFU,10,CFU;
CHANGE-ZAND:DIST,6,CFB,1,NONE;
CHANGE-ZAND:DIST,6,CFNR,1,NONE;
CHANGE-ZAND:DIST,6,CD,1,NONE;
CHANGE-ZAND:DIST,7,CFU,10,CFU;
CHANGE-ZAND:DIST,7,CFB,1,NONE;
CHANGE-ZAND:DIST,7,CFNR,1,NONE;
CHANGE-ZAND:DIST,7,CD,1,NONE;
CHANGE-ZAND:DIST,8,CFU,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,8,CFB,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,8,CFNR,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,8,CD,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,9,CFU,10,CFU;
CHANGE-ZAND:DIST,9,CFB,1,NONE;
CHANGE-ZAND:DIST,9,CFNR,1,NONE;
CHANGE-ZAND:DIST,9,CD,1,NONE;
CHANGE-ZAND:DIST,10,CFU,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,10,CFB,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,10,CFNR,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,10,CD,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:MLPP,NO,NO,NO,,0-0-0-0-0;


DISP-ZAND:LOADWARE;
H500:  AMO ZAND  STARTED

  LOADWARE FOR ASSIGNED STATION LINE MODULES AND SIUC:
    ================================================
SSIU = 0,  CONF = 0,  LTUX = 0,  DUN2 = 0,  SMP1 = 0,  SLA2 =
0,
DCAS = F,  X3MC = 0,  X2MV = 0,  TM2L = 0;
```

15.4.2 Module DIUN2 (Q2196-x)

15.4.2.1 Data as Used During Field Trial

- BCSU parameters

  ```
  ADD-BCSU:DIU,1,2,25,"Q2196-X   ","0",,,,,1,,,,,A;
  ```

- COP parameters

  ```
  ADD-COP:12,L3AR&ASNM&RRST,,,,;
  CHANGE-COP:12,COPADD,,,,INDEP,"ETSI-PRI";
  ```

- COT parameters <ohne Tabelle>

```
ADD-
COT:12,RCL&XFER&ANS&KNOR&CEBC&CBBN&CBFN&BSHT&BLOC&NLCR&TSCS&D
FNN&NLRD&NTON,,;
CHANGE-COT:12,COTADD,,INDEP,"ETSI-PRI";
```

- PRODE parameters

```
COPY-PRODE:PVCD,10;
```

- TDCSU parameters

```
ADD-TDCSU:NEW,1-02-025-
0,12,12,0,0,100,1,1,"INFINEON_DOD",0,"ETSI",8,,NONE,,,,GDTR,N
,CO,NONE,N,0,,82,2,3460,,,31,MANY,1-100-
3,2,1,1,EMPTY,100,1,N,,,,,,16,8,0,10,,EC&G729&G729OPT,"0",3,C
IR,Y,S2COD,1&&30,N,1,0,0,0,0,0,0;
```

15.4.3 Module DIUC64 (Q2185-x)

Device=DIUCQ421;

PTIME initblock = 49

15.4.3.1 Data as Used During Field Trial

- BCSU parameters

```
ADD-BCSU:DIU,1,1,103,"Q2185-X   ","F",1,1,1,1,0,,,,,A;
```

- SICOFI INDEX

  not applicable

- PTIME parameters

```
COPY-PTIME:49,12;
CHANGE-PTIME:REST,12,SHORT,,,,,,,,,,,1,,;
CHANGE-PTIME:REST,12,PARA,,,,0,4,1,0,,,0,,,,;
```

- COP parameters

```
ADD-COP:1,ANS&LSUP&RLSA&NO1A&COEI&TIM1&NSDL,TA,TA,,;
```

```
CHANGE-COP:1,COPADD,,,,INDEP,"DID";
```

- COT parameters

```
ADD-
COT:1,XFER&ANS&MFC&CHRT&AEOD&COEX&LWNC&NLCR&CECO&CFBN&NTON,,;
```

```
CHANGE-COT:1,COTADD,,INDEP,"DID";
```

- MFCTA parameters

```
COPY-MFCTA:25,1;
```

```
CHANGE-
MFCTA:1,MFCVAR,MISC,,,,TRANSWB&IDBEFBS&NOMFCMO,N,,N,,N,,Y,;
```

- TACSU parameters

```
ADD-TACSU:<Lage>,,1,1,0,0,10,1,1,,1,0,"INFINEON_DID",0,1-100-
1,2,1,EMPTY,0,NONE,NONE,1,EC&G711&G729OPT,"",0,GDTR,0,,Y,TC,D
IUCQ421,1,,0,3,1,12,1,0,MFC-MFC,0-0,0;
```

15.4.4 Module TMANI (Q2327-X100/Q2327-X101)

15.4.4.1 PTIME Parameter Description

Device=ANMOSIG; PTIME initblock = 87

15.4.4.2 Data as Used During Field Trial

- BCSU parameters

```
ADD-BCSU:PER,1,2,91,"Q2327-X100",0,"0",,,,,A;
```

or

```
ADD-BCSU:PER,1,2,91,"Q2327-X101",0,"0",,,,,A;
```

- SICOFI INDEX

not necessary

- PTIME parameters

```
COPY-PTIME:87,16;
CHANGE-PTIME:REST,16,LONG,,,200,,,,;
CHANGE-PTIME:REST,16,SHORT,,,,,,,0,,,,,,;
CHANGE-PTIME:REST,16,PARA,,,,,,0,,,,,,,12,;
```

- COP parameters

```
ADD-COP:10,DTMF&EOD&LSUP&NO1A&TIM1&NSDL&DTM1,TA,TA ,,;
```

- COT parameters

```
ADD-
COT:10,XFER&CHRT&CEBC&FWDN&FNAN&IEVT&LWNC&NLCR&TRSC&CFOS&CFBU
&CFVA&DTNI,,;
```

- TACSU parameters

```
ADD-TACSU:<PEN>,,10,10,0,0,10,1,1,,1,0,î
ì,0,20,0,1,EMPTY,Y,TC,ANMOSIG,0,,0,0,1,16,1,0,MOSIG-DTMF,0-
0,0;
```

15.5 Country Specific Feature Description

No country specific features

15.6 Description of PRB's (preliminary corrections)

None

15.7 Open Problems at M3 EoF Date

IMPORTANT: The final solution of a listed problem will be only given in SIS!

- **PRO-03-001673 Incoming DID FWD external via ISDNnot working**

  Fieldtrial Korea has encountered problems with CFU and CFB to external subscriber, when the call is incoming from MFC.

16 Country Adaptation for Croatia (KRO)

Status:

The HiPath 4000 V1.0 for Croatia has reached technical milestone M3.

Software basis: V1.0-10 revision 03

Central office: ERICSON MD110

IMPORTANT: The informations given in this chapter are valid only at the release date of this document. It can not be ensured, that all parameters or links are valid for the whole life time of this HiPath 4000 V1.0 version.

16.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  d) TMANI (Q2327-X100) - bothway analog PTT trunk, with GEE

  e) TMANI (Q2327-X101) - bothway analog PTT trunk, without GEE

  f) DIUN2(Q2196-X) - digital Tie trunk.

  g) SLMA3(Q2191-X) - analog subscriber trunk.

- Software

  Details can be found in the country AKABAM.

  a) Tone table SAR(0T)

  b) SWU Text Version: S0-TJx.20.026 (croatien)

  c) SLMA3 with countrycode version 0

16.2 Restrictions

Details can be found in the country AKABAM.

16.3 Hardware

16.3.1 Data As Used During Fieldtrial

Hardware	Partnumber S30810-	OS Version or Date	Loadware :PDS:APSP/LTG/	Firmware
DIU-N2	Q2196-X	23.10.01	**LGA1/PZFDUN20**	6
TMANI	Q2327-X100			
TMANI	Q2327-X101			
SLMA3	Q2191-X	OS.V1:026	**LG80/PZESLA30**	5

16.3.2 Data Planned From Development

no changes

16.4 Country Specific Parameters

16.4.1 Module DIUN2(Q2196-X) digital Tie trunk

- BCSU parameters

```
ADD-BCSU:DIU,1,2,25,"Q2196-X   ","0",,,,,1,,,,,A;
```

- PTIME parameters
- PRODE Parameters

```
COPY-PRODE:PVCD,9;
```

```
CHANGE-
PRODE:PD,PD07,RESTP,CAUIDNT,8,1F,,,,,,,,,,,1F,,,,,,,,,,,,,
,,,,2F,2F,,,,,,2F,,,,,,,3F,,3F,,,,,,,3F,,,,,;
```

```
CHANGE-
PRODE:PD,PD07,RESTP,CAUIDNT,90,5F,,,,,,,,,,,,,,,,,,,,,,,,,
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,;
```

```
CHANGE-PRODE:PD,PD07,ORG,,Y,;
```

```
CHANGE-PRODE:PD,PD08,TIMER,T302,7,0;
```

```
CHANGE-PRODE:PD,PD08,ORG,,Y,;
```

- COP parameters

```
ADD-COP:70,DTMF&DTM2,TA,TA,,;
```

```
CHANGE-COP:70,COPADD,,,,INDEP,"TEST";
```

- COT parameters

```
ADD-
COT:70,RCL&XFER&ANS&OVRA&CEBC&BRAR&COTN&BSHT&LWNC&ICZL&CFVA&L
INO&CDBO&CDRD&DSDL&NTON,,;
```

- TDCSU parameters

```
ADD-TDCSU:NEW,1-02-025-0,70,70,0,0,6,1,1,"VANJSKA L
",0,"ETSI",1,,NONE,,,,GDTR,N,CO,NONE,N,0,,385,1,,,,31,MANY,1-
20-
300,2,1,1,EMPTY,70,1,N,,,,,16,8,1,10,,EC&G711&G729OPT,,1,CIR
,Y,S2COD,1&&30,N,1,0,0,0,0,0,0;
```

16.4.1.1 Data Planned From Development

no changes

16.4.2 Module TMANI (Q2327-X100/Q2327-X101) - Analoge CO trunk

16.4.2.1 Parameter Description

Device=BWA ; PTIME initblock = 87

Data As Used During Field Trial

- BCSU parameters

```
ADD-BCSU:PER,1,1,85,"Q2327-X100",0,0,,,,,A;
```

or

```
ADD-BCSU:PER,1,1,85,"Q2327-X101",0,0,,,,,A;
```

- PTIME parameters ANMOSIG

```
COPY-PTIME:87,16;
CHANGE-PTIME:REST,16,LONG,,,200,,,,;
CHANGE-PTIME:REST,16,SHORT,,,,,,,0,,,,,,;
CHANGE-PTIME:REST,16,PARA,0,0,,3,,,,,,5,,,,;
```

- COP parameters

```
ADD-COP:151,DTMF&LSUP&RLSA&NO1A&DITW&TIM1&NSDL&DTM1,,,,;
CHANGE-COP:151,COPADD,,,,INDEP,"TEST";
```

- COT parameters

```
ADD-COT:150,IEVT&CDBO&CDRD&NTON,,;
```

- TACSU parameters

```
ADD-TACSU:1-2-85-0,,150,151,0,0,3,1,1,,11,0,"ANALOG 1
",0,1-20-
300,0,3,EMPTY,0,NONE,NONE,0,EC&G711&G729OPT,"",0,GDTR,0,,Y,TC
,ANMOSIG,0,,0,0,1,16,1,0,MOSIG-DTMF,0-0,0;
```

16.5 Description of PRB's (preliminary corrections)

none

16.6 Open Problems At M3 EoF Date

none

17 Country Adaptation for Kuwait (KUW)

Status:

The HiPath 4000 V1.0 for Kuwait has reached technical milestone M3.

Software basis: V1.0-10 revision 02

IMPORTANT: The informations given in this chapter are valid only at the release date of this document. It can not be ensured, that all parameters or links are valid for the whole life time of this HiPath 4000 V1.0 version.

17.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  d) DIUN2(Q2196-X) - incoming and outgoing digital PTT trunk

  e) TMANI (Q2327-X100) - bothway analog PTT trunk, with GEE

  f) TMANI (Q2327-X101) - bothway analog PTT trunk, without GEE

  g) DIUN2(Q2196-X) - digital Tie trunk.

  h) SLMA3(Q2191-X) - analog subscriber trunk

- Software

  Details can be found in the country AKABAM.

  a) Tone table KUW(0A)

  b) SWU Text Version: S0-TJx.20.026 (english)

  c) SLMA3 with countrycode version 0

17.2 Restrictions

Details can be found in the country AKABAM.

17.3 Hardware

17.3.1 Data As Used During Fieldtrial

Hardware	Partnumber S30810-	OS Version or Date	Loadware :PDS:APSP/LTG/	Firmware
TMANI	Q2327-X100			
TMANI	Q2327-X101			
DIU-N2	Q2196-X	081XFI089	**LG57/PZFDCAS2**	6
SLMA3	Q2191-X	OS.V1.026	**LG80/PZESLA30**	5

17.3.2 Data Planned From Development

no changes

17.4 Country Specific Parameters

17.4.1 Module DIUN2(Q2196-X) ISDN digital PTT trunk

17.4.1.1 PTIME Parameter Description

Device=ANMOSIG ; PTIME initblock = 49

17.4.1.2 Data As Used During Field Trial

- BCSU parameters

  ```
  ADD-BCSU:DIU,1,3,103,"Q2196-X ",0,,,,,2,,,,,A,
  ```

- PTIME parameters

  ```
  COPY-PTIME:49,30;
  CHANGE-PTIME:REST,30,LONG,,,,,,10000;
  ```

- COP parameters

  ```
  ADD-COP:61,ANS&DITW,TA,TA;;
  ```

- COT parameters

  ```
  ADD-COT: 61,RCL&XFER&ANS&MFC&CHRT&CEBC&FWDN&LWNC&NLCR&NTON;
  ```

- TACSU parameters

```
ADD-TACSU:1-3-103-1,,61,61,0,0,1,1,1,,10,0,"MFCR2",0,1-1-
111,2,1,EMPTY,0,NONE,NONE,0,NONE,"",  0,
GDTR,0,,Y,TC,DIUCQ421,2,770,0,0,1,30,1,0,MFC-MFC,0-0,0;
```

17.4.1.3 Data Planned From Development

- no changes

17.4.2 Module DIUN2(Q2196-X) ISDN digital TIE trunk

17.4.2.1 PTIME Parameter Description

none

17.4.2.2 Data As Used During Field Trial

- BCSU parameters

```
ADD-BCSU:DIU,1,2,49,"Q2196-X ",0,,,,,1,,,,,A,;
```

- COP parameters

```
ADD-COP:139,L3AR,TA,TA;
```

- COT parameters

```
ADD-
COT:139,XFER&ANS&KNOR&CEBC&CBBN&CBFN&COTN&BSHT&PROV&ROPT&TSCS
&CFOS&CFVA&PINR&NTON;
```

- PRODE parameters

```
COPY-PRODE:PVCD,1;
```

- TDCSU parameters

```
ADD-TDCSU:NEW,1-02-049-0,139,139,0,0,1,1,1,"HICOM
",3,ECMAV2,8,,NONE,,,,GDTR,N,TIE,NONE,N,0,,00,0,,,,31,MANY,10
2,0,1,2,EMPTY,139,1,N,139,1,N,,,,,,16,8,1,10,,EC&G711&G729,,1
39,CIR,Y,S2CONN,1&&14,N,1,3,0,0,0,0,0;
```

17.4.3 Module TMANI (Q2327-X100/Q2327-X101) - Analoge CO Trunk

17.4.3.1 Parameter Description

Device=ANMOSIG ; PTIME initblock = 87

Data As Used During Field Trial

- BCSU parameters

  ```
  ADD-BCSU:PER,1,1,85,"Q2327-X100",0,0,,,,,A;
  ```

  or

  ```
  ADD-BCSU:PER,1,1,85,"Q2327-X101",0,0,,,,,A;
  ```

- PTIME parameters

  ```
  COPY-PTIME:87,16;
  CHANGE-PTIME:REST,30,LONG,,,,,,,10000;
  ```

- COP parameters

  ```
  ADD-
  COP:16,DTMF&SDL&LSUP&RLSA&TDED&NO1A&DITW&SPTR&TIM2&DTM1,TA,TA
  ;
  CHANGE-COP:16,COPADD,,,,INDEP,"MOC TRUNK INTERFACE";
  ```

- COT parameters

  ```
  ADD-COT: 16,RCL&XFER&ANS&CHRT&CEOC&CEBC&LWNC&NLCR&NTON;
  CHANGE-COT:16,COTADD,,INDEP,"MOC TRUNK INTERFACE";
  ```

- TACSU parameters

  ```
  ADD-TACSU:1-1-85-0,,16,16,0,0,1,1,1,,20,0,"2418129",0,1-1-
  8,2,1,EMPTY,0,NONE,NONE,0,NONE,"",
  0,GDTR,0,,Y,TC,ANMOSIG,0,464,0,0,1,16,1,0,MOSIG-DTMF,0-0,0;
  ```

17.4.3.2 Data Planned From Development

no changes

17.5 Description of PRB's (preliminary corrections)

none

17.6 Open Problems At M3 EoF Date

none

18 Country Adaptation for Latvia (LET)

Status:

The HiPath 4000 V1.0 for Latvia has reached technical milestone M3.

Software basis: V1.0-09 revision 06

Central office: Alcatel S12

IMPORTANT: The informations given in this chapter are valid only at the release date of this document. It can not be ensured, that all parameters or links are valid for the whole life time of this HiPath 4000 V1.0 version.

18.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  a) DIUN2(Q2196-X) - incoming and outgoing digital PTT trunk

  b) TMANI (Q2327-X100) - bothway analog PTT trunk, with GEE

  c) TMANI (Q2327-X101) - bothway analog PTT trunk, without GEE

- Software

  Details can be found in the country AKABAM.

  a) Tone table LET(35)

  b) SWU Text Version: S0-TJx.20.026 (english)

18.2 Restrictions

Details can be found in the country AKABAM.

18.3 Hardware

18.3.1 Data As Used During Fieldtrial

Hardware	Partnumber S30810-	OS version	Loadware :PDS:APSP/LTG/	Firmware
DIU-N2	Q2196-X	23.10.01	LGA1/PZFDUN20	6
TMANI	Q2327-X100			
TMANI	Q2327-X101			

18.3.2 Data Planned From Developmentnochanges

18.4 Country Specific Parameters

18.4.1 Module DIUN2 (Q2196-X) - ISDN digital PTT trunk

18.4.1.1 PTIME Parameter Description

not necessary

18.4.1.2 Data As Used During Field Trial

- BCSU parameters

  `ADD-BCSU:DIU,1,3,25,"Q2196-X ",0,,,,1,,,,,A,`
- SICOFI INDEX

  not necessary
- PTIME parameters

  not necessary
- COP parameters

  `ADD-COP:1,DTMF&ANS&SFRM&PDP4&IDP4&DTM2,;`
- COT parameters

```
ADD-COT:
30,RCL&XFER&ANS&CHRT&CEBC&ITT&COTN&BSHT&TRAI&DPRE&LWNC&ANHT&N
LCR&ICZL&TRSC&DFNN&NTON;
```

- PRODE parameters

```
COPY-PRODE:PVCD,1;
```

- TDCSU parameters

```
ADD-TDCSU:NEW ,1-03-025-0,1,1,0,0,111,2,2,"S12 ",24
,ETSI,1,,NONE,,,,GDTR,N,CO,NONE,N,4,00,,,,,,31,MANY,1-1-
25,2,1,1,INC01,1,10,N,,,,,,16,8,1,10,,EC&G711&G729OPT,"",30,C
IR,Y,S2COD,1&&30,Y,1,2,0,0,0,0,0;
```

18.4.1.3 Data Planned From Development

no changes

18.4.2 Module TMANI (Q2327-X100/Q2327-X101) - Analog CO Trunk

18.4.2.1 Parameter Description

Device=ANMOSIG ; PTIME initblock = 05

Data As Used During Field Trial

- BCSU parameters

```
ADD-BCSU:PER,1,1,79,"Q2327-X100",0,0,,,,,A;
```

or

```
ADD-BCSU:PER,1,1,79,"Q2327-X101",0,0,,,,,A;
```

- PTIME parameters

```
COPY-PTIME:87,5;
CHANGE-PTIME:REST,5,LONG,,5500,200,,,,;
CHANGE-PTIME:REST,5,SHORT,70,,,,,,0,,,,,,;
CHANGE-PTIME:REST,5 ,PARA,,,,3,,0,,,,5,,,,26;
```

- COP parameters

```
ADD-COP:7,DTMF&NOAN&RLSA&NO1A&DITW&NTON&&PDP1&IDP1DTM1,,;
```

- COT parameters

```
ADD-COT: 7,RCL&XFER&CEBC&LWNC&NLCR&EODL&ICZL&NTON;
```

- TACSU parameters

```
ADD-TACSU:1-1-79-0,,7,7,0,0,101,2,2,,40,0,"",105,1-1-
105,0,1,EMPTY,0,NONE,NONE,0,EC&G711&G729OPT,"",0,GDTR,0,,Y,TC
,ANMOSIG,0,555,0,0,1,5,1,0,MOSIG-DTMF,0-0,0;
```

18.4.2.2 Data Planned From Development

no changes

18.5 Description of PRB's (preliminary corrections)

none

18.6 Open Problems At M3 EoF Date

none

19 Country Adaptation for Malaysia (MAL)

Status:

The HiPath 4000 V1.0 for Malaysia has reached technical milestone M3.

20 Country Adaptation for Morocco (MAR)

Status:

The HiPath 4000 V1.0 for Morocco has reached technical milestone M3.

Software basis: V1.0-10 revision 03

Central office: AXE ERICSON

IMPORTANT: The informations given in this chapter are valid only at the release date of this document. It can not be ensured, that all parameters or links are valid for the whole life time of this HiPath 4000 V1.0 version.

20.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  a) TMANI (Q2327-X100) - bothway analog PTT trunk, with GEE

  b) TMANI (Q2327-X101) - bothway analog PTT trunk, without GEE

  c) DIUN2(Q2196-X) - digital Tie trunk.

  d) SLMA3(Q2191-X) - analog subscriber trunk.

- Software

  Details can be found in the country AKABAM.

  a) Tone table SAR(0T)

  b) SWU Text Version: S0-TJx.20.026 (english)

  c) SLMA3 with countrycode version 0

20.2 Restrictions

Details can be found in the country AKABAM.

20.3 Hardware

20.3.1 Data As Used During Fieldtrial

Hardware	Partnumber S30810-	OS Version or Date	Loadware :PDS:APSP/LTG/	Firmware
DIU-N2	Q2196-X	23.10.01	**LGA1/PZFDUN20**	6
TMANI	Q2327-X100			
TMANI	Q2327-X101			
SLMA3	Q2191-X	OS.V1:026	**LG80/PZESLA30**	5

20.3.2 Data Planned From Development

no changes

20.4 Country Specific Parameters

20.4.1 Module DIUN2(Q2196-X) digital Tie trunk

- BCSU parameters

  ```
  ADD-BCSU:DIU,1,1,25,"Q2196-X   ","0",,,,,1,,,,,A;
  ```

- PTIME parameters
- PRODE Parameters

  ```
  COPY-PRODE:PVCD,2;
  ```

- COP parameters

  ```
  ADD-
  COP:100,DTV&SDL&EOD&ANS&SFRM&RLSA&BR64&TDED&NO1A&TIE&WOT2&TIM
  1&IDP2,TA,TA,,;
  ```

- COT parameters

  ```
  ADD-
  COT:100,RCL&XFER&IIDL&IVAC&INAU&ITB&IDND&IFR&ANS&KNOR&CEOC&CE
  BC&TIE&FWDN&CPS6&COTN&KNDI&KNEX&LWNC&NLCR&DFNN&APSM&NLRD&NTBO
  &LPRN&DTNI,,;
  ```

- TDCSU parameters

```
ADD-TDCSU:NEW,1-01-025-0,100,100,0,0,100,1,1,"
",10,"ETSI",1,,NONE,,,,GDTR,N,CO,NONE,N,5,,,,,,,31,MANY,,2,1,
1,EMPTY,100,1,N,,TCC,0,,,16,8,1,10,,EC&G711&G729OPT,,100,CIR,
Y,S2COD,1&&30,Y,1,0,0,0,0,0,0;
```

20.4.1.1 Data Planned From Development

no changes

20.4.2 Module TMANI (Q2327-X100/Q2327-X101) - Analoge CO Trunk

20.4.2.1 Parameter Description

Device=BWA ; PTIME initblock = 51

Data As Used During Field Trial

- BCSU parameters

  ```
  ADD-BCSU:PER,1,1,61,"Q2327-X100",0,0,,,,,A;
  ```

  or

  ```
  ADD-BCSU:PER,1,1,61,"Q2327-X101",0,0,,,,,A;
  ```

- PTIME parameters

  ```
  COPY-PTIME:87,17;
  CHANGE-PTIME:REST,17,LONG,,,200,,,,;
  CHANGE-PTIME:REST,17,SHORT,,,,,,,,0,,,,,,;
  CHANGE-PTIME:REST,17,PARA,,16,,3,,,,,,,,,5;
  ```

- COP parameters

  ```
  ADD-COP:1,DTMF&RLSA&NO1A&PDP1&DTM1,,,,;
  ```

- COT parameters

  ```
  ADD-
  COT:1,RCL&XFER&OVRA&KNOR&CEBC&COTN&BSHT&DPRE&LWNC&NLCR&CECO&I
  CZL&NTON,,;
  ```

- TACSU parameters

  ```
  ADD-TACSU:1-1-61-1,,1,1,0,0,1,1,1,,1,0,"405114
  ",0,,2,1,EMPTY,0,NONE,NONE,0,EC&G711&G729OPT,"",0,GDTR,0,,Y,T
  C,ANMOSIG,0,,0,0,1,17,1,0,MOSIG-DTMF,0-0,0;
  ```

20.5 Description of PRB’s (preliminary corrections)

none

20.6 Open Problems At M3 EoF Date

none

21 Country Adaptation for Mexico (MEX)

Status:

The HiPath 4000 V1.0 for Mexico has reached technical milestone M3.

Software basis: V1.0 SMR 09 SMP 02

Central office: Ericsson AXE

IMPORTANT: The informations given in this chapter are valid only at the release date of this document. It can not be ensured, that all parameters or links are valid for the whole life time of this HiPath 4000 V1.0 version.

21.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  a) DIUN2 (Q2196-X) - incoming and outgoing digital PTT trunk, MFC R2

  b) TMANI (Q2327-X100) - bothway analog PTT trunk, with GEE

  c) TMANI (Q2327-X101) - bothway analog PTT trunk, without GEE

- Software

  Details can be found in the country AKABAM.

  a) Tone table MEX (G)

  b) SWU Text Version: S0-TLX.20.026 (spanish)

  c) SLMA3 with countrycode version 0

21.2 Restrictions

Details can be found in the country AKABAM.

21.3 Hardware

21.3.1 Data as Used During Fieldtrial

Hardware	Partnumber S30810-	OS- version	Loadware :PDS:APSP/LTG/	Firmware
DIUN2	Q2196-X	V1.6 00/01/04	**PZFDCA20**	06
TMANI	Q2327-X100			
TMANI	Q2327-X101			

21.3.2 Data Planned from Development

no changes

21.4 Country Specific Parameters

21.4.1 General

- AMO ZAND parameter used during the field trial:

```
CHA-
ZAND:ALLDATA,EXTEND,YES,TA,YES,NO,TA,NO,MUSIC,TONE,15,YES,YES
,DDMM,0,NO,1,,1,100,NO,YES,4,YES,4,99,NO,601,MODE5,610,NO,NO,
NO,YES,YES,NO,NO,YES,YES,YES,NO,YES,NO,NO,NO,NO,YES,NO,YES,YE
S,YES;

CHA-
ZAND:ALLDATA2,NO,NO,YES,NO,YES,NO,NO,YES,9,YES,NO,NO,NO,NO,NO
,ONHOOK,LEFT,HICOM,YES,NO,STANDARD,NO,YES,NO,1,NO,NO,*XXX*,NO
,NO,NO,NO,SPANISH,YES,NODIV,NO,NO,NO,SWITOVER,YES,NO,YES,NO,,
NO,INTDNIS,NO,NO,NO,0;

CHANGE-ZAND:ALLDATA3,20,YES,YES,NO,,NO,NO,NO;

CHANGE-
ZAND:LCR,1&2&3&4&5&6&7&8&9&10&11&12&13&14&15&16,RES,,,0;

CHANGE-
ZAND:LCR,,,1&2&3&4&5&6&7&8&9&10&11&12&13&14&15&16,RES,0;

CHANGE-
ZAND:RNGTYPE,DBLR2,SGLR2,DBLR1,SGLR1,SGLR2,SGLR1,SGLR2,PRR,MT
R,SGLR1,SGLR1,SGLR2;

CHANGE-ZAND:CCM,YES,RNGBK,NO,YES,NO,NO,NO,NO,NO,NO,NO,NO,NO;

CHANGE-ZAND:CIT,0,0,,;

CHANGE-ZAND:TN,0G,09,00,G;
```

```
CHANGE-ZAND:TONES,SPEC,1;

CHANGE-ZAND:CONFC,ALAW,0,3;

CHA-
ZAND:DIUSL,1,NOACT,REMAL&REMAL64&LOFRA64&AIS64&NOSIG64&REMCRC
,RES;

CHANGE-ZAND:CCD,UNIT,23,1,NO,NO;

CHANGE-
ZAND:ATND,2,EXT1,YES,YES,NO,NO,NO,NO,NO,NO,NO,NO,NO,NO,NO,0,N
O,NO,NO,NO,1,NO,NO,NO,NO;

CHA-
ZAND:OPTISET,24HOUR,EUROPE,SPANISH&SPANISH&SPANISH&SPANISH&SP
ANISH,19,4,2,2,1,4,NORMAL,80,7,YES,2,NO,4,2,3,NO,NO,NO,NO,NO,
" ";

CHANGE-ZAND:SIUXPER,0,0;

CHANGE-ZAND:ACD,NO,NO,,NO,NO,NO;

CHANGE-ZAND:VMI,NO,6,4,NO,NO,NO,NO;

CHANGE-ZAND:DOMAIN,PRIVATE,1;

CHANGE-ZAND:KEYSYS,NO,NO,YES,YES;

CHANGE-ZAND:ACC,F,NO;

CHANGE-ZAND:LEDTYPE,FAST,SLOW,OFF,SLOW,FAST;

CHANGE-ZAND:DIST,1,CFU,10,CFU;

CHANGE-ZAND:DIST,1,CFB,1,NONE;

CHANGE-ZAND:DIST,1,CFNR,10,NONE;

CHANGE-ZAND:DIST,1,CD,1,NONE;

CHANGE-ZAND:DIST,2,CFU,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,2,CFB,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,2,CFNR,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,2,CD,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,3,CFU,5,CFNR;

CHANGE-ZAND:DIST,3,CFB,2,CFB&CFNR;

CHANGE-ZAND:DIST,3,CFNR,1,NONE;

CHANGE-ZAND:DIST,3,CD,1,NONE;

CHANGE-ZAND:DIST,4,CFU,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,4,CFB,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,4,CFNR,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,4,CD,10,CFU&CFB&CFNR&CD;

CHANGE-ZAND:DIST,5,CFU,10,CFU;

CHANGE-ZAND:DIST,5,CFB,1,NONE;

CHANGE-ZAND:DIST,5,CFNR,1,NONE;

CHANGE-ZAND:DIST,5,CD,1,NONE;

CHANGE-ZAND:DIST,6,CFU,10,CFU;

CHANGE-ZAND:DIST,6,CFB,1,NONE;
```

```
CHANGE-ZAND:DIST,6,CFNR,1,NONE;
CHANGE-ZAND:DIST,6,CD,1,NONE;
CHANGE-ZAND:DIST,7,CFU,10,CFU;
CHANGE-ZAND:DIST,7,CFB,1,NONE;
CHANGE-ZAND:DIST,7,CFNR,1,NONE;
CHANGE-ZAND:DIST,7,CD,1,NONE;
CHANGE-ZAND:DIST,8,CFU,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,8,CFB,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,8,CFNR,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,8,CD,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,9,CFU,10,CFU;
CHANGE-ZAND:DIST,9,CFB,1,NONE;
CHANGE-ZAND:DIST,9,CFNR,1,NONE;
CHANGE-ZAND:DIST,9,CD,1,NONE;
CHANGE-ZAND:DIST,10,CFU,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,10,CFB,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,10,CFNR,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:DIST,10,CD,10,CFU&CFB&CFNR&CD;
CHANGE-ZAND:MLPP,NO,NO,NO,,0-0-0-0-0;


DIS-ZAND:LOADWARE;
H500:  AMO ZAND  STARTED


   LOADWARE FOR ASSIGNED STATION LINE MODULES AND SIUC:
   ============================================
SSIU = 0,  CONF = 0,  23MC = 0,  SMP1 = 0,  SLA3 = 0,  DCA2 =
0,
TM2L = 0,  LTUX = 0,  X2MV = 0,  DUN2 = 0;
```

21.4.2 Module DIUN2 (Q2196-x)

21.4.2.1 PTIME Parameter Description

Device=DIUCQ421

PTIME initblock=49

21.4.2.2 Data As Used During Field Trial

- BCSU parameters

```
ADD-BCSU:DIU,1,2,103,"Q2196-X   ",0,1,1,1,1,2,,,,A;
```

- SICOFI INDEX

  not applicable

- PTIME parameters

```
COPY-PTIME:49,1;
CHANGE-PTIME:REST,1,LONG,,0,0,5000,,0,;
CHANGE-PTIME:REST,1,SHORT,0,,,0,,,,,,,,1,1,;
CHANGE-PTIME:REST,1,PARA,,,,,4,,0,,,,,,,;
```

- COP parameters

```
ADD-COP:1,ANS&LSUP&RLSB&RLSA,,;
```

- COT parameters

```
ADD-
COT:1,RCL&XFER&ANS&MFC&CHRT&KNOR&CEOC&CEBC&BRAR&KNDI&KNEX&ATD
I&TIEI&FWDR&ICZL&NTON;
```

- MFCTA parameters

```
COPY-MFCTA:12,1;
CHANGE-
MFCTA:1,MFCVAR,MISC,,,0,IDNOCAT&FRELSB&FRELBU&NOMFCMO,N,,N,,N
,,N;
CHANGE-MFCTA:1,MFCVAR,SUPERV,,,30000,,,,,,,,,,,,,;
CHANGE-MFCTA:1,TBLB,FORIA,7,STN,IDSEND,,,,,;
CHANGE-MFCTA:1,TBLB,FORIA,9,STN,IDSEND,,,,,;
CHANGE-MFCTA:1,TBLB,BSIGA,IDENT,6,IDENT;
CHANGE-MFCTA:1,TBLB,BSIGB,TRACE,1,;
CHANGE-MFCTA:1,TBLB,BSIGB1,TRACE,1,;
CHANGE-MFCTA:1,TBLB,BIDENT,IDENT,1,;
CHANGE-MFCTA:1,TBLF,BSIGA,4,NOPO;
CHANGE-MFCTA:1,TBLF,BSIGA,6,IDENT;
CHANGE-MFCTA:1,TBLF,BIDENT,1,IDENT;
CHANGE-MFCTA:1,TBLF,BIDENT,6,IDENT;
CHANGE-MFCTA:1,TBLF,FIDENT,2,,,0,,,,,,,,,0;
```

- TACSU parameters

```
ADD-TACSU:<Lage>,,1,1,0,0,1,2,1,,1,1,"
",1,1,2,1,EMPTY,0,NONE,NONE,1,EC&G711&G729OPT,"
",0,GDTR,0,,Y,TC,DIUCQ421,1,,0,0,1,1,1,0,MFC-MFC,0-0,0;
```

21.4.3 Module TMANI (Q2327-X100/Q2327-X101)

21.4.3.1 PTIME Parameter Description

Device=ANMOSIG;

PTIME initblock = 87;

Country specific parameter initialisation: P14 = 1

21.4.3.2 Data as Used During Field Trial

- BCSU parameters

```
ADD-BCSU:PER,1,2,79,"Q2327-X100",0,0,,,,,A;
```

or

```
ADD-BCSU:PER,1,2,79,"Q2327-X101",0,0,,,,,A;
```

- SICOFI INDEX

not necessary

- PTIME parameters

```
COPY-PTIME:87,2;
CHANGE-PTIME:REST,2,LONG,,,200,,,,;
CHANGE-PTIME:REST,2,SHORT,,,,,,,,0,,,,,,;
CHANGE-PTIME:REST,2,PARA,,16,,3,,0,,,,5,,,,1;
```

- COP parameters

```
ADD-COP:20,DTMF&RLSA&NO1A&WOT2&PDP1&DTM1,,;
```

- COT parameters

```
ADD-COT:20,RCL&XFER&BRAR&COTN&NTON;
```

- TACSU parameters

```
ADD-TACSU:1-2-79-0,,20,20,0,0,1,2,1,,20,6,"
",20,20,2,1,EMPTY,0,NONE,NONE,1,EC&G711&G729OPT,"
",0,GDTR,0,,Y,TC,ANMOSIG,0,,0,0,1,2,1,0,MOSIG-DTMF,0-0,0;
```

21.5 Country Specific Feature Description

no country specific features

21.6 Description of PRB’s (preliminary corrections)

None

21.7 Open Problems At M3 EoF Date

None

22 Country Adaptation for The Netherlands (NDL)

Status:

The HiPath 4000 V1.0 for the Netherlands has reached technical milestone M3.

23 Country Adaptation for Pakistan (PAK)

Status:

The HiPath 4000 V1.0 for Pakistan has reached technical milestone M3.

Software basis: V1.0-10 revision 02

Central office: EWSD

IMPORTANT: The informations given in this chapter are valid only at the release date of this document. It can not be ensured, that all parameters or links are valid for the whole life time of this HiPath 4000 V1.0 version.

23.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  a) DIUN2(Q2196-X) - incoming and outgoing digital PTT trunk

  b) TMANI (Q2327-X100) - bothway analog PTT trunk, with GEE

  c) TMANI (Q2327-X101) - bothway analog PTT trunk, without GEE

- Software

  Details can be found in the country AKABAM.

  a) Tone table PAK(28)

  b) SWU Text Version: S0-TJx.20.026 (english)

23.2 Restrictions

Details can be found in the country AKABAM.

23.3 Hardware

23.3.1 Data As Used During Fieldtrial

Hardware	Partnumber S30810-	OS Version or Date	Loadware :PDS:APSP/LTG/	Firmware
DIU-N2	Q2196-X	23.10.01	**LGA1/PZFDUN20**	6
TMANI	Q2327-X100			
TMANI	Q2327-X101			

23.3.2 Data Planned From Developmentnochanges

23.4 Country Specific Parameters

23.4.1 Module DIUN2(Q2196-X) ISDN digital PTT trunk

23.4.1.1 PTIME Parameter Description

not necessary

23.4.1.2 Data As Used During Field Trial

- BCSU parameters

  `ADD-BCSU:DIU,1,2,91,"Q2196-X ",0,,,,1,,,,,A,`
- SICOFI INDEX

  not necessary
- PTIME parameters

  not necessary
- COP parameters

  `ADD-COP:101,SFRM,,;`
- COT parameters

```
ADD-
COT:101,XFER&ANS&CEBC&TIE&CBBN&CBFN&FWDN&FNAN&COTN&LWNC&NLCR&
TRSC&DFNN&NTON;
```

- PRODE parameters

```
COPY-PRODE:PVCD,1;
```

- TDCSU parameters

```
ADD-TDCSU:NEW,1-01-091-16,101,101,0,0,21,1,1,"5658917-15
",0,ETSI,1,,NONE,,,,GDTR,N,CO,NONE,N,0,222,,,,,,31,MANY,,2,1,
1,EMPTY,101,1,N,,,,,,16,8,1,10,,EC&G711&G729OPT,,17,CIR,Y,S0C
OD,,Y,Y,N,0,0,N;
```

23.4.1.3 Data Planned From Development

- no changes

23.4.2 Module TMANI (Q2327-X100/Q2327-X101) - Analoge CO Trunk

23.4.2.1 Parameter Description

Device=ANMOSIG ; PTIME initblock = 87

Data As Used During Field Trial

- BCSU parameters

```
ADD-BCSU:PER,1,1,85,"Q2327-X100",0,0,,,,,A;


ADD-BCSU:PER,1,1,85,"Q2327-X101",0,0,,,,,A;
```

- PTIME parameters

```
COPY-PTIME:87,16;
CHANGE-PTIME:REST,16,LONG,150,,200,,,,;
CHANGE-PTIME:REST,16,SHORT,,,,,,,,0,,,,,,;
CHANGE-PTIME:REST,16,PARA,0,1,,3,,,,,,,23,,,7;
```

- COP parameters

```
ADD-COP:12,DTMF&LSUP&RLSB&RLSA&NO1A&DITW&COTT&DTM1,TA,TA;
```

- COT parameters

```
ADD-COT:11,XFER&CHRT&CEBC&KNDI&LWNC&NLCR&CECO&CWBS&NTON;
```

- TACSU parameters

```
ADD-TACSU:1-1-85-0,,11,12,0,0,21,1,1,,201,0,"5662200-01
",0,,2,1,EMPTY,0,NONE,NONE,0,EC&G711&G729OPT,"",0,GDTR,0,,Y,T
C,ANMOSIG,0,44,0,0,1,16,1,0,MOSIG-DTMF,0-0,0;
```

23.4.2.2 Data Planned From Development

no changes

23.5 Description of PRB's (preliminary corrections)

none

23.6 Open Problems At M3 EoF Date

none

24 Country Adaptation for Poland (POL)

Status:

The HiPath 4000 V1.0 for Poland has reached technical milestone M3.

Software basis: V1.0 SMR08 PP10

Central office: Samsung / Ericsson

24.1 Scope

- Hardware

  Details can be found in the PNTI (CD-ROM).

  a) TMANI (Q2327-X100) - bothway analog PTT trunk, with GEE

  b) TMANI (Q2327-X101) - bothway analog PTT trunk, without GEE

  c) STMD2 (Q2163-X) - digital PTT device, incoming/outgoing

- Software

  Details can be found in the PNTI (CD-ROM).

  a) Tone table ITL

  b) SWU Text Version: S0-TLx.20 (multi-language)

  c) SLMA2 with countrycode 0

24.2 Restrictions

Details can be found in the PNTI (CD-ROM).

24.3 Hardware

Hardware	Part Number S30810-	OS version	Loadware :PDS:APSP/LTG/	Firmware
TMANI	Q2327-X100			
TMANI	Q2327-X101			
STMD2	Q2163-X	F10.C015	**LG79/PZDSTMD0**	D969-D1-01

24.4 Country Specific Parameters

24.4.1 General for Node 1: Kluczbork

- AMO ZAND parameter used during the field trial:

```
AENDERN-
ZAND:DATENALL,UEBERG,NEIN,FBKW,NEIN,NEIN,FBKW,NEIN,MUSIK,ANSA
GE,10,JA,JA,TTMM,"0",NEIN,"1",,80,100,JA,NEIN,"F",NEIN,0,5,NE
IN,164,MODE1,,NEIN,NEIN,NEIN,JA,JA,JA,NEIN,NEIN,NEIN,NEIN,NEI
N,NEIN,NEIN,NEIN,NEIN,NEIN,JA,JA,JA,NEIN,NEIN;

AENDERN-
ZAND:DATEN2,NEIN,NEIN,JA,NEIN,JA,NEIN,NEIN,NEIN,10,NEIN,NEIN,
NEIN,NEIN,NEIN,NEIN,TASTDRUK,ZENTR,HICOM,JA,NEIN,"STANDARD",N
EIN,JA,NEIN,32,NEIN,NEIN,"*XXX*
",JA,NEIN,JA,NEIN,POLNISCH,JA,NODIV,NEIN,NEIN,NEIN,SWITOVER,N
EIN,NEIN,JA,NEIN,,NEIN,INTDNIS,JA,NEIN,NEIN,"0";

AENDERN-ZAND:DATEN3,20,JA,JA,NEIN,,NEIN,NEIN,NEIN;

AENDERN-ZAND:LCR,1&2&3&4,ND,,,0;

AENDERN-ZAND:LCR,,,1&2&3&4,ND,0;

AENDERN-ZAND:LCR,1&2&3&4,ND,,,10;

AENDERN-ZAND:LCR,,,1&2&3&4,ND,10;

AENDERN-
ZAND:RUFTYP,"EINFACHRUF1","EINFACHRUF2","DOPPELRUF1","EINFACH
RUF1","EINFACHRUF2","EINFACHRUF1","EINFACHRUF2","NOTRUF","MEH
RTONRUF","EINFACHRUF1","EINFACHRUF1","EINFACHRUF2";

AENDERN-ZAND:LOADWARE,"SLC0","3";

AENDERN-
ZAND:PSM,JA,FREITON,NEIN,JA,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,NEI
N,NEIN,NEIN;

AENDERN-ZAND:CIT,0,0,"      ",;

AENDERN-ZAND:TOENE,"0F","0B","00","F";

AENDERN-ZAND:TONTBL,WTONEXT,"13";

AENDERN-ZAND:CONFC,ALAW,0,3;

AENDERN-ZAND:OPTLOAD;

AENDERN-ZAND:OPTTBL,6,42,70,;

AENDERN-ZAND:OPTTBL,6,43,70,;

AENDERN-
ZAND:DIUWSP,1,KEINEAKT,REMAL&REMAL64&LOFRA64&AIS64&NOSIG64&RE
MCRC,ND;

AENDERN-ZAND:GE,BETRAG,29,"2",NEIN,NEIN;

AENDERN-
ZAND:VF,2,VERM1,JA,JA,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN
,NEIN,NEIN,NEIN,0,NEIN,NEIN,NEIN,NEIN,1,NEIN,NEIN,NEIN,NEIN;
```

```
AENDERN-
ZAND:OPTISET,"24STD",EUROPA,DEUTSCH&DEUTSCH&DEUTSCH&DEUTSCH&D
EUTSCH,19,4,2,2,1,4,NORMAL,80,7,JA,"2",NEIN,4,2,3,NEIN,NEIN,N
EIN,NEIN,NEIN," ";

AENDERN-ZAND:SIUXPER,"0","0";

AENDERN-ZAND:ACD,NEIN,NEIN,,NEIN,NEIN,NEIN;

AENDERN-ZAND:VMI,NEIN,8,6,NEIN,NEIN,NEIN,NEIN;

AENDERN-ZAND:DOMAIN,PRIVAT,1;

AENDERN-ZAND:KEYSYS,NEIN,NEIN,JA,JA;

AENDERN-ZAND:ACC,F,NEIN;

AENDERN-
ZAND:LEDTYP,"SCHNELL","LANGSAM","AUS","LANGSAM","SCHNELL";

AENDERN-ZAND:UMFOLT,1,CFU,10,CFU;

AENDERN-ZAND:UMFOLT,1,CFB,1,KEINE;

AENDERN-ZAND:UMFOLT,1,CFNR,1,KEINE;

AENDERN-ZAND:UMFOLT,1,CD,1,KEINE;

AENDERN-ZAND:UMFOLT,2,CFU,10,CFU&CFB&CFNR&CD;

AENDERN-ZAND:UMFOLT,2,CFB,10,CFU&CFB&CFNR&CD;

AENDERN-ZAND:UMFOLT,2,CFNR,10,CFU&CFB&CFNR&CD;

AENDERN-ZAND:UMFOLT,2,CD,10,CFU&CFB&CFNR&CD;

AENDERN-ZAND:UMFOLT,3,CFU,10,CFU;

AENDERN-ZAND:UMFOLT,3,CFB,1,KEINE;

AENDERN-ZAND:UMFOLT,3,CFNR,1,KEINE;

AENDERN-ZAND:UMFOLT,3,CD,1,KEINE;

AENDERN-ZAND:UMFOLT,4,CFU,10,CFU&CFB&CFNR&CD;

AENDERN-ZAND:UMFOLT,4,CFB,10,CFU&CFB&CFNR&CD;

AENDERN-ZAND:UMFOLT,4,CFNR,10,CFU&CFB&CFNR&CD;

AENDERN-ZAND:UMFOLT,4,CD,10,CFU&CFB&CFNR&CD;

AENDERN-ZAND:UMFOLT,5,CFU,10,CFU;

AENDERN-ZAND:UMFOLT,5,CFB,1,KEINE;

AENDERN-ZAND:UMFOLT,5,CFNR,1,KEINE;

AENDERN-ZAND:UMFOLT,5,CD,1,KEINE;

AENDERN-ZAND:UMFOLT,6,CFU,10,CFU;

AENDERN-ZAND:UMFOLT,6,CFB,1,KEINE;

AENDERN-ZAND:UMFOLT,6,CFNR,1,KEINE;

AENDERN-ZAND:UMFOLT,6,CD,1,KEINE;

AENDERN-ZAND:UMFOLT,7,CFU,10,CFU;

AENDERN-ZAND:UMFOLT,7,CFB,1,KEINE;

AENDERN-ZAND:UMFOLT,7,CFNR,1,KEINE;

AENDERN-ZAND:UMFOLT,7,CD,1,KEINE;
```

```
AENDERN-ZAND:UMFOLT,8,CFU,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:UMFOLT,8,CFB,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:UMFOLT,8,CFNR,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:UMFOLT,8,CD,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:UMFOLT,9,CFU,10,CFU;
AENDERN-ZAND:UMFOLT,9,CFB,1,KEINE;
AENDERN-ZAND:UMFOLT,9,CFNR,1,KEINE;
AENDERN-ZAND:UMFOLT,9,CD,1,KEINE;
AENDERN-ZAND:UMFOLT,10,CFU,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:UMFOLT,10,CFB,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:UMFOLT,10,CFNR,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:UMFOLT,10,CD,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:MLPP,NEIN,NEIN,NEIN,,0-0-0-0-0;
```

24.4.2 General for Node 2: Polizei Mikolow

```
AEND-
ZAND:DATENALL,UEBERG,NEIN,FBKW,NEIN,NEIN,FBKW,NEIN,ANSAGE,TON,10
,JA,JA,TTMM,F,NEIN,1,,80,100,NEIN,NEIN,F,NEIN,0,5,NEIN,1-32-
300,MODE1,,NEIN,NEIN,NEIN,JA,NEIN,JA,NEIN,JA,NEIN,NEIN,NEIN,NEIN
,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN, JA,NEIN,NEIN;

AEND-ZAND:DATEN2,NEIN,NEIN,NEIN,NEIN,JA,NEIN,NEIN,NEIN,2,
NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,TASTDRUK,ZENTR,HICOM,JA,NEIN,STAND
ARD,NEIN,JA,NEIN,1,NEIN,NEIN,*XXX* ,JA,NEIN,NEIN,NEIN,

POLNISCH&ENGLISCH&DEUTSCH,JA,NODIV,NEIN,NEIN,NEIN,SWITOVER,NEIN,
NEIN,JA, NEIN,,NEIN,INTDNIS,NEIN,NEIN,NEIN,0;

AENDERN-ZAND:DATEN3,20,JA,JA,NEIN,,NEIN,NEIN,NEIN;

AENDERN-ZAND:LCR,1&2&3&4&5&6&12,ND,,,0;

AENDERN-ZAND:LCR,,,1&2&3&4&5&6&12,ND,0;

AENDERN-ZAND:LCR,1&2&3&4&5&6&12,ND,,,1;

AENDERN-ZAND:LCR,,,1&2&3&4&5&6&12,ND,1;

AENDERN-ZAND:LCR,1&2&3&4&5&6&12,ND,,,2;

AENDERN-ZAND:LCR,,,1&2&3&4&5&6&12,ND,2;

AENDERN-ZAND:LCR,1&2&3&4&5&6&12,ND,,,3;

AENDERN-ZAND:LCR,,,1&2&3&4&5&6&12,ND,3;

AENDERN-ZAND:LCR,1&2&3&4&5&6&12,ND,,,4;

AENDERN-ZAND:LCR,,,1&2&3&4&5&6&12,ND,4;

AENDERN-ZAND:LCR,1&2&3&4&5&6&12,ND,,,5;

AENDERN-ZAND:LCR,,,1&2&3&4&5&6&12,ND,5;

AENDERN-ZAND:LCR,1&2&3&4&5&6&12,ND,,,6;

AENDERN-ZAND:LCR,,,1&2&3&4&5&6&12,ND,6;
```

```
AENDERN-ZAND:LCR,1&2&3&4&5&6&12,ND,,,7;

AENDERN-ZAND:LCR,,,1&2&3&4&5&6&12,ND,7;

AENDERN-ZAND:LCR,1&2&3&4&5&6&12,ND,,,8;

AENDERN-ZAND:LCR,,,1&2&3&4&5&6&12,ND,8;

AENDERN-ZAND:LCR,1&2&3&4&5&6&12,ND,,,9;

AENDERN-ZAND:LCR,,,1&2&3&4&5&6&12,ND,9;

AENDERN-ZAND:LCR,1&2&3&4&5&6&12,ND,,,10;

AENDERN-ZAND:LCR,,,1&2&3&4&5&6&12,ND,10;

AENDERN-ZAND:LCR,1&2&3&4&5&6&12,ND,,,11;

AENDERN-ZAND:LCR,,,1&2&3&4&5&6&12,ND,11;

AENDERN-ZAND:LCR,1&2&3&4&5&6&12,ND,,,12;

AENDERN-ZAND:LCR,,,1&2&3&4&5&6&12,ND,12;

AENDERN-ZAND:LCR,1&2&3&4&5&6&12,ND,,,13;

AENDERN-ZAND:LCR,,,1&2&3&4&5&6&12,ND,13;

AENDERN-ZAND:LCR,1&2&3&4&5&6&12,ND,,,14;

AENDERN-ZAND:LCR,,,1&2&3&4&5&6&12,ND,14;

AENDERN-ZAND:LCR,1&2&3&4&5&6&12,ND,,,15;

AENDERN-ZAND:LCR,,,1&2&3&4&5&6&12,ND,15;

AENDERN-ZAND:RUFTYP,DOPPELRUF2,EINFACHRUF2,DOPPELRUF1,
EINFACHRUF1,EINFACHRUF2,EINFACHRUF1,EINFACHRUF2,NOTRUF,MEHRTONRU
F, EINFACHRUF1,EINFACHRUF1,EINFACHRUF2;

AEND-
ZAND:PSM,JA,FREITON,NEIN,JA,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,N
EIN,NEIN;

AEND-ZAND:CIT,0,0,      ,;

AEND-ZAND:TOENE,0F,0B,00,0;

AEND-ZAND:TONTBL,WTONEXT,24;

AEND-ZAND:TONTBL,PRUEFTON,15;

AEND-ZAND:TONTBL,ORTANS,9;

AEND-ZAND:CONFC,ALAW,0,3;

AEND-ZAND:OPTLOAD;

AEND-ZAND:DIUWSP,1,KEINEAKT,REMAL&REMAL64&LOFRA64&AIS64&NOSIG64&

REMCRC,ND;

AEND-ZAND:GE,BETRAG,35,1,NEIN,NEIN;

AEND-ZAND:VF,2,VERM1,JA,JA,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,
NEIN,NEIN,NEIN,NEIN,NEIN,0,NEIN,NEIN,NEIN,NEIN,
1,NEIN,NEIN,NEIN,NEIN;

AENDERN-
ZAND:OPTISET,24STD,EUROPA,DEUTSCH&DEUTSCH&DEUTSCH&DEUTSCH&DEUTSC
H,19,4,2,2,1,4,NORMAL,80,7,JA,2,NEIN,4,2,3,
NEIN,NEIN,NEIN,NEIN,NEIN," ";

AEND-ZAND:SIUXPER,0,0;
```

```
AEND-ZAND:ACD,NEIN,NEIN,,NEIN,NEIN,NEIN;
AEND-ZAND:VMI,NEIN,8,6,NEIN,NEIN,NEIN,NEIN;
AEND-ZAND:DOMAIN,PRIVAT,1;
AEND-ZAND:KEYSYS,NEIN,NEIN,JA,JA;
AEND-ZAND:ACC,F,NEIN;
AENDERN-ZAND:LEDTYP,SCHNELL,LANGSAM,AUS,LANGSAM, SCHNELL;
AENDERN-ZAND:UMFOLT,1,CFU,10,CFU;
AENDERN-ZAND:UMFOLT,1,CFB,1,KEINE;
AENDERN-ZAND:UMFOLT,1,CFNR,1,KEINE;
AENDERN-ZAND:UMFOLT,1,CD,1,KEINE;
AENDERN-ZAND:UMFOLT,2,CFU,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:UMFOLT,2,CFB,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:UMFOLT,2,CFNR,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:UMFOLT,2,CD,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:UMFOLT,3,CFU,10,CFU;
AENDERN-ZAND:UMFOLT,3,CFB,1,KEINE;
AENDERN-ZAND:UMFOLT,3,CFNR,1,KEINE;
AENDERN-ZAND:UMFOLT,3,CD,1,KEINE;
AENDERN-ZAND:UMFOLT,4,CFU,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:UMFOLT,4,CFB,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:UMFOLT,4,CFNR,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:UMFOLT,4,CD,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:UMFOLT,5,CFU,10,CFU;
AENDERN-ZAND:UMFOLT,5,CFB,1,KEINE;
AENDERN-ZAND:UMFOLT,5,CFNR,1,KEINE;
AENDERN-ZAND:UMFOLT,5,CD,1,KEINE;
AENDERN-ZAND:UMFOLT,6,CFU,10,CFU;
AENDERN-ZAND:UMFOLT,6,CFB,1,KEINE;
AENDERN-ZAND:UMFOLT,6,CFNR,1,KEINE;
AENDERN-ZAND:UMFOLT,6,CD,1,KEINE;
AENDERN-ZAND:UMFOLT,7,CFU,10,CFU;
AENDERN-ZAND:UMFOLT,7,CFB,1,KEINE;
AENDERN-ZAND:UMFOLT,7,CFNR,1,KEINE;
AENDERN-ZAND:UMFOLT,7,CD,1,KEINE;
AENDERN-ZAND:UMFOLT,8,CFU,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:UMFOLT,8,CFB,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:UMFOLT,8,CFNR,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:UMFOLT,8,CD,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:UMFOLT,9,CFU,10,CFU;
```

```
AENDERN-ZAND:UMFOLT,9,CFB,1,KEINE;
AENDERN-ZAND:UMFOLT,9,CFNR,1,KEINE;
AENDERN-ZAND:UMFOLT,9,CD,1,KEINE;
AENDERN-ZAND:UMFOLT,10,CFU,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:UMFOLT,10,CFB,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:UMFOLT,10,CFNR,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:UMFOLT,10,CD,10,CFU&CFB&CFNR&CD;
AENDERN-ZAND:MLPP,NEIN,NEIN,NEIN,"",0-0-0-0-0;
```

24.4.3 Module TMANI (Q2327-X100/Q2327-X101)

24.4.3.1 PTIME Parameter Description

Device=ANHKZ ; PTIME initblock = 87

Parameter (MOSIG-Signaling)

Px-high	Px-low

Px-high: most significant nibble from parameter x (Hexadecimal)
Px-low: least significant nibble from parameter x (Hexadecimal)

Parameter	Nibbles	Default	Range	Description		Comments
P1		16	0-17	**Forward release (incoming traffic)**		
	high [hex] [1]	1	0-1	***Feeding interruption from PSTN***		
				0	ignore	
				1	forward release recognition (L3)	
	low [hex] *	0	0-1	***Polarity reversal from PSTN***		
				0	ignore	
				1	forward release recognition (S3)	
P2		18	0-18	**Backward release (outgoing traffic)**		

Parameter	Nibbles	Default	Range	Description		Comments
	high [hex] *	1	0-1	***Feeding interruption from PSTN***		
				0	ignore	
				1	backward release recognition (L3)	
	low [hex] *	0	0-2	***Polarity reversal from PSTN***		
				0	ignore	
				1	backward release recognition (S3)	
				2	polarity reversal: answer back to normal feeding: backward release	
P3		0	0-17	**Answer / Release before answer**		
	high [hex] *	0	0-1	***Answer loop (incoming traffic)***		
				0	loop is closed, independ. from the ring status	
				1	loop will be closed only during the ring pause	Feature for France
	low [hex] *	0	0-1	***Release recognition by feeding interruption from PSTN before answer (incoming traffic)***		
				0	no release recognition	
				1	release recognition	Feature for France
P4		0	0-42	**Special seizure / Charge or Answer pulse**		
	high [hex] *	0	0-2	**Loop start and earth calling**		
				0	loop start without idle supervision	
				1	loop start with idle supervision (L7)	loop discon.dur. S10/S11
				2	earth calling	Feature for GBR. P8 must be 1 or 2

Parameter	Nibbles	Default	Range	Description		Comments
	low [hex] *	0	0-A	**Charge or answer pulse (outgoing traffic)**		
				0	no charge and no answer pulse	
				1	50Hz charge pulse	
				2	12kHz charge pulse	
				3	16kHz charge pulse	
				4	Reversal charge pulse	Time between polarity reversal and back to normal feeding < S7
				5	12kHz answer pulse	Feature for Syria No charge with additional 12kHz pulses.
				6	wink answer (reversal answer pulse)	Feature for Thailand Time betw. pol. rev. and back to norm.feed. < S7. No charge with additional reversal pulses.
				7	12 kHz charge pulse. after rel., 1 charge pulse will be accepted.	Feature for France Charge pulses shorter than 60ms or longer than 400ms will not be accepted. Fault message.
				8	12 kHz charge pulse. after rel., all charge pulses will be accepted.	
				9	50 Hz charge pulse. after rel., 1 charge pulse will be accepted.	
				A	50 Hz charge pulse. after rel., all charge pulses will be accepted.	
P5		0	0-1	**SICOFI-Version**		
				0	Version ≠ V2.3	
				1	Version = V2.3 (SICOFI-Power always ON)	
P6		1	0-17	**Ground pulse / Dial tone supervision**		

Parameter	Nibbles	Default	Range	Description		Comments
	high [hex] *	0	0-1	**Ground pulse to PSTN (L1)**		
				0	ground pulse on one wire (a or b)	
				1	ground pulse on both wires (a and b)	
	low [hex] *	1	0-1	**Dial tone supervision (outgoing traffic)**		
				0	no supervision	
				1	with supervision	
P7		0	0-255	**Answer supervision (outgoing traffic)**		Answer supervision can be activated only when P2-low=2.
				0	no supervision	
				1-255	answer supervision (in seconds)	
P8		0	0-2	**Superv. of PSTN-release after Hicom released**		
				0	no supervison	
				1	with superv. of PSTN-rel. after HICOM released through loop discon. for 600 ms. (disconnect clearing)	Feature for GBR.
				2	with superv. PSTN-rel. after HICOM released through connection of high resistance. (guarded clearing)	Feature for GBR
P9		0	0-1	**Charge simulation**		
				0	no charge simulation	
				1	with charge simulation	Feature for Spain
P10		5	0-8	**Noise supression**		
	high [hex] *			**reserved**		
	low [hex] *	5	0-8	**Noise supression (multiple of 4ms)**		
P11		32	0-255	**Ring level (V)**		
P12 [2]		36	0-255	**12kHz / 16kHz Charge level 50Hz Charge level (multiple of 1V)**		Default: 16kHz (See Short Timer S14) Set 30 Volt for 50 Hz

Parameter	Nibbles	Default	Range	Description	Comments
P13		17	0-85	**Current threshold value**	
	high [hex] *	1	0-5	**High current treshold value** 0: 5mA 1 - 5: multiple of 10mA	low resistance loop
	low [hex] *	1	0-5	**Low current treshold value** 0: 0.5mA 1 - 5: multiple of 1mA	high resistance loop
P14		0	0-255	**Impedance index** **see P14 parameter for different level**	Level (in dBr) : A→ D / D→ A

1 High and low bytes value are in hexadecimal, which have to be converted into decimal to get the corresponding parameter value

Example:Parameter P13:high byte value:1
low byte value:1 } P13[Hex]=11 → P13[Dec]=17

2 The parameter P12, short timers S1, S2 and S14 are used for 12kHz and 16 kHz charge recognition. Any value changing of one of those parameter can influence the other parameter. The param. P12, short timers S1 and S2 are used for 50 Hz charge recogn.

- **P14 Parameter for different level**

P14	Input Impedance	Balance Impedance	Level in dB (PrI)	Level in dB (PrO)
5	150+830//72nF	150+830//72nF	-6.0	-1.0
6	150+830//72nF	150+830//72nF	-4.0	-3.0

- **Short timer (MOSIG-Signaling)**

Short timer	Default (ms)	Range (ms)	Description	Comments
S1	40	40-200	**Minimum time for charge pulse**	Default: 16 kHz (See Short Timer S14) Set 200 ms for 50 Hz
S2	90	40-200	**Minimum time for charge pause**	Default: 16 kHz (See Short Timer S14) Set 100 ms for 50 Hz
S3-S6			**reserved**	

Short timer (to be used as parameter for MOSIG-Signaling)

Short timer	Nibbles	Default	Range	Description		Comments
S7		10	1-200	**Minimum time for polarity reversal recognition (multiple of 10ms)**		
S8		1	0-42	**Answer procedure / Loop interruption time**		Feature for Brazil
	high [hex] [1]	0	0-2	**Answer procedure for collect calls (incoming traffic)**		
				0	normal answer: loop	
				1	answer with loop (1 sec.) , loop interruption (S8-low) , back to answer (loop).	Protection against collect calls.
				2	if HICOM-party authorised: normal answ. (loop) if HICOM-party unauthorised: answer with loop (1 sec.) , loop interruption (S8-low) , back to answer (loop).	Protection against collect calls is only for unauthorised users.
	low [hex] *	1	0-A	**Loop interruption time for collect calls (inc. traffic)**		
				0	250ms loop interruption	
				1-A	loop interruption (multiple of 500ms)	
S9		0	0-255	**Reanswer supervision (outgoing traffic)**		
				0	no supervision	
				1-255	reanswer supervision (in seconds)	Only when P2_low=2.
S10		2	1-30	**Guard time after an outgoing call (in seconds)**		
S11		2	1-30	**Guard time after an incoming call (in seconds)**		
S12		0	0-255	**Conversation time limit**		
				0	no limit	
				1-255	conversation time (multiple of 30 sec.)	After the timer expired the conversation will be automatically disconnected

Short timer	Nibbles	Default	Range	Description		Comments
S13		0	0-1	**Outgoing seizure start with very low resistance**		
				0	10ms very low resistance	
				1	350ms very low resistance	Feature for Australia
S14 [2]		36	20-250	**Charge characteristic (12kHz / 16 kHz)**		Default: 16kHz
				Belgium, Bulgaria, Poland, Great Britain, South Africa (16 kHz Standard)		
				S14	36	
				P12	36	
				Greece, Luxemburg, Norway (16 kHz)		
				S14	36	
				P12	70	
				France, Portugal (12 kHz Standard)		
				S14	50	
				P12	55	
				Hungary, Irland (12 kHz)		
				S14	30	
				P12	27	
				Italy (12 kHz)		
				S14	30	
				P12	53	
				Australia (12 kHz)		
				S14	50	
				P12	50	
				Spain (12 kHz)		
				S14	50	
				P12	128	
				Austria (12 kHz)		
				S14	30	
				P12	31	

1 High and low bytes value are in hexadecimal, which have to be converted into decimal to get the corresponding parameter value.

Example:Parameter P13:high byte value:1
low byte value:1 } P13[Hex]=11 → P13[Dec]=17

2 The parameter P12, short timers S1, S2 and S14 are used for 12kHz and 16 kHz charge recognition. Any value changing of one of those parameter can influence the other parameter. The param. P12, short timers S1 and S2 are used for 50 Hz charge recogn.

Long timer (MOSIG-Signaling)

Long timer	Default (ms)	Range (ms)	Description	Comments
L1	200	60-500	**Flash or ground signal transmission time**	
L2	10000	4000-15000	**Periodical ringing supervision for release recognition from PSTN before answer (incoming traffic)**	
L3	100	20-200	**Minimum time for release recognition from PSTN (feeding interruption)**	See P1-high and P2-high
L4	400	100-2000	**Delay for speech path through-connection after answer; Minimum time for answer; Delay for line supervision activation after answer (incoming traffic)**	
L5	400	300-600	**Maximum time for charge pulse**	Only if P4_LOW=7 or 8
L6	120	100-1000	**Minimum time for ring recognition**	
L7	5000	500-30000	**Idle supervision time**	See P4-high

24.4.3.2 Data used during Field Trial

- BCSU parameters

  ```
  EINRICHTEN-BCSU:PER,1,2,49,"Q2327-X100",0,"0",,,,,,A;
  ```

  or

  ```
  EINRICHTEN-BCSU:PER,1,2,49,"Q2327-X101",0,"0",,,,,,A;
  ```

- COP parameters

  ```
  EINRICHTEN-COP:106,RALA&IPVH&OW1A&DITR&NATR&PVW1&ZWZ2,,,,;
  ```

- COT parameters

  ```
  EINRICHTEN-COT:106,AERF&PDUR&UVHF&RALW&NATR&LOKN&OLCR&KTON,,;
  ```

- TACSU parameters

  ```
  EINRICHTEN-TACSU:1-2-49-2,,106,106,0,0,1,6,1,,429,0,"W.CZ.29
  ",0,529,0,1,LEER,0,KEINE,KEINE,1,EC&G711&G729OPT,"",0,GDTR,0,
  ,J,AS,ANHKZ,0,3010,0,0,1,16,1,0,HKZ-IWV,0-0,0;
  ```

- PTIME parameters

```
KOPIEREN-PTIME:87,16;
AENDERN-PTIME:REST,16,LONG,,,200,,,250,1000;
AENDERN-PTIME:REST,16,SHORT,,,,,,,,,1,1,,,;
AENDERN-PTIME:REST,16,PARA,,16,,17,1,0,,,,,,,,;
```

24.4.3.3 Data Planned From Development

Example Configuration for Pseudo-DID

- TACSU parameters:

```
CHA-TACSU:<pen>,DEVTYP=TC,DIALTYPE=DTMF-DTMF,DIALVAR=4-0;
```

- COP parameters:

```
CHA-COP:20,COPADD,DTN;
```

- COT parameters:

```
CHA-COT:10,COTADD,IBSY&IVAC&INAU&ITB&IFR&INDG&IIDL;
```

- FEASU parameters:

```
CHA-FEASU:A,ICPTDID;
```

24.4.4 Module STMD2 (Q2163-X)

24.4.4.1 Data used during Field Trial

- BCSU parameters

```
EINRICHTEN-BCSU:PER,1,1,61,"Q2163-X   ",1,"0",,,,,,A;
```

- COP parameters

```
EINRICHTEN-COP:100,MELD&SPTR,FBKW,FBKW,,;
```

- COT parameters

```
EINRICHTEN-
COT:100,AERF&UASE&AWNV&AWNB&MVLT&UELM&STUE&SAAO&ZVGZ&LOKN&ASA
O&OLCR&VKNN&OLRD&KSDL&KTON,,;
```

- TDCSU parameters

```
EINRICHTEN-TDCSU:NEU,1-01-061-1,100,100,0,0,1,16,16,"EURO
ISDN
",0,"ETSI",1,,KEINE,,,,GDTR,N,AMT,KEINE,N,0,,00,0,,,,31,VIELE
,100,2,1,1,LEER,100,5,N,,,,,,16,8,0,10,,EC&G711&G729OPT,,100,
AB,J,S0AMT,,J,J,N,0,0,N;
```

- PRODE parameters

```
KOPIEREN-PRODE:PVCD,1;
```

24.5 Country Specific Feature Description

no country specific features

24.6 Open Problems at M3 EoF

none

25 Country Adaptation for Republic South Africa (RSA)

Status:

The HiPath 4000 V1.0 for Republic South Africa has reached technical milestone M3.

26 Country Adaptation for Saudi Arabia (SAR)

Status:

The HiPath 4000 V1.0 for Saudi Arabia has reached technical milestone M3.

Software basis: V1.0-10 revision 02

Central office: EWSD, Lucent, LM Ericson

IMPORTANT: The informations given in this chapter are valid only at the release date of this document. It can not be ensured, that all parameters or links are valid for the whole life time of this HiPath 4000 V1.0 version.

26.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  a) TMANI (Q2327-X100) - bothway analog PTT trunk, with GEE

  b) TMANI (Q2327-X101) - bothway analog PTT trunk, without GEE

  c) DIUN2(Q2196-X) - digital Tie trunk.

  d) SLMA3(Q2191-X) - analog subscriber trunk.

- Software

  Details can be found in the country AKABAM.

  a) Tone table SAR(03)

  b) SWU Text Version: S0-TJx.20.026 (english)

  c) SLMA3 with countrycode version 0

26.2 Restrictions

Details can be found in the country AKABAM.

26.3 Hardware

26.3.1 Data As Used During Fieldtrial

Hardware	Partnumber S30810-	OS Version or Date	Loadware :PDS:APSP/LTG/	Firmware
DIU-N2	Q2196-X	23.10.01	**LGA1/PZFDUN20**	6
TMANI	Q2327-X100			
TMANI	Q2327-X101			
SLMA3	Q2191-X	OS.V1:026	**LG80/PZESLA30**	5

26.3.2 Data Planned From Developmentnochanges

26.4 Country Specific Parameters

26.4.1 Module DIUN2(Q2196-X) digital Tie trunk

- BCSU parameters

  ```
  ADD-BCSU:DIU,1,4,25,"Q2196-X   ","0",,,,,1,,,,,A;
  ```

- PTIME parameters
- PRODE Parameters

  ```
  COPY-PRODE:PVCD,7;
  ```

- COP parameters

  ```
  ADD-COP:116,ANS&SFRM&L3AR,TA,TA,,;
  ```

- COT parameters

  ```
  ADD-
  COT:118,RCL&XFER&ANS&AEOD&CEBC&TIE&CBBN&CBFN&FWDN&FNAN&COTN&B
  LOC&TRBA&NTON,,;
  ```

- TDCSU parameters

  ```
  ADD-TDCSU:NEW,1-04-025-0,118,116,0,0,10,1,1,"NETWORKING
  ",180,"ECMA1",1,,NONE,,,,GDTR,N,TIE,NONE,N,0,,,,,,,31,TWO,1-
  1-
  180,2,1,1,EMPTY,118,5,N,,,,,16,8,1,10,,EC&G711&G729OPT,,150,
  CIR,Y,S2CONN,1&&16,Y,1,1,0,0,0,0,0;
  ```

26.4.1.1 Data Planned From Development

no changes

26.4.2 Module TMANI (Q2327-X100/Q2327-X101) - Analoge CO Trunk (Outgoing)

26.4.2.1 Parameter Description

Device=BWA ; PTIME initblock = 51

Data As Used During Field Trial

- BCSU parameters

  ```
  ADD-BCSU:PER,1,1,67,"Q2327-X100",0,0,,,,,A;
  ```

  or

  ```
  ADD-BCSU:PER,1,1,67,"Q2327-X101",0,0,,,,,A;
  ```

- PTIME parameters

  ```
  COPY-PTIME:51,1;
  CHANGE-PTIME:REST,1,LONG,,,600,,,,;
  CHANGE-PTIME:REST,1,SHORT,,,,,,,0,,2,2,,,;
  CHANGE-PTIME:REST,1,PARA,,,,,,,0,,,,,34,,;
  ```

- COP parameters

  ```
  ADD-COP:101,DTMF&LSUP&RLSA&TDED&NO1A&DITW&TIM2&NSDL&DTM1,,,,;
  ```

- COT parameters

  ```
  ADD-
  COT:101,RCL&XFER&CHRT&AEOD&KNOR&CEBC&FWDN&LWNC&NLCR&NTON,,;
  ```

- TACSU parameters

  ```
  ADD-TACSU:1-1-91-0,,101,100,0,0,10,1,1,,101,0,"PTT",201,1-1-
  301,2,1,EMPTY,0,NONE,NONE,0,EC&G711&G729OPT,"",0,GDTR,0,,Y,TC
  ,BWA,0,1902,0,0,1,1,1,0,MOSIG-DTMF,0-0,0;
  ```

26.4.3 Module TMANI (Q2327-X100/Q2327-X101) - Analoge CO Trunk (Incoming)

26.4.3.1 Parameter Description

Device=ANMOSIG ; PTIME initblock = 87

Data As Used During Field Trial

- BCSU parameters

```
ADD-BCSU:PER,1,1,67,"Q2327-X100",0,0,,,,,A;
```

or

```
ADD-BCSU:PER,1,1,67,"Q2327-X101",0,0,,,,,A;
```

- PTIME parameters

```
COPY-PTIME:87,17;
CHANGE-PTIME:REST,17,LONG,,,200,,,,;
CHANGE-PTIME:REST,17,SHORT,,,,,,,0,,,,,,;
CHANGE-PTIME:REST,17,PARA,,16,,3,,0,,,,5,,,,;
```

- COP parameters

```
ADD-COP:100,DTMF&RLSA&NO1A&DITW&DTM1,TA,TA,,;
```

- COT parameters

```
ADD-
COT:100,RCL&XFER&CHRT&AEOD&DSIT&KNOR&CEBC&FWDN&LWNC&NLCR&NTON
,,;
CHANGE-COT:100,COTADD,,ANMOSIG,"COT FOR INCOMING LINES";
```

- TACSU parameters

```
ADD-TACSU:1-2-67-0,,100,100,0,0,10,1,1,,102,0,"PTT",202,1-1-
301,2,1,EMPTY,0,NONE,NONE,0,EC&G711&G729OPT,"",0,GDTR,0,,Y,TC
,ANMOSIG,0,1902,0,0,1,17,1,0,MOSIG-DTMF,0-0,0;
```

26.4.3.2 Data Planned From Development

no changes

none

26.5 Open Problems At M3 EoF Date

none

27 Country Adaptation for Singapore (SIN)

Status:

The HiPath 4000 V1.0 for Singapore has reached technical milestone M3.

Software basis: V1.0 SMR08 Rev 07

Central office: SINGTEL, EWSD

IMPORTANT: The informations given in this chapter are valid only at the release date of this document. It can not be ensured, that all parameters or links are valid for the whole life time of this HiPath 4000 V1.0 version.

27.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  a) DIUN2 (Q2196-X) - incoming and outgoing ISDN PTT trunk

  b) TMANI (Q2327-X100) - bothway analog PTT trunk, with GEE

  c) TMANI (Q2327-X101) - bothway analog PTT trunk, without GEE

- Software

  Details can be found in the country AKABAM.

  a) Tone table SIN

  b) SWU Text Version: S0-TJx.20 english

27.2 Restrictions

Details can be found in the country AKABAM.

27.3 Hardware

27.3.1 Data As Used During Fieldtrial

Hardware	Partnumber S30810-	OS version	Loadware :PDS:APSP/LTG/	Firmware
DIUN2	Q2196-X	20.038 23.10.01	PZFDUN20	- 06 -

27.3.2 Data Planned From Development

Hardware	Partnumber S30810-	OS version	Loadware :PDS:APSP/LTG/	Firmware
TMANI	Q2327-X100			
TMANI	Q2327-X101			

27.4 Country Specific Parameters

27.4.1 General

- AMO ZAND parameter used during the field trial:

```
REG-ZAND;

H500:  AMO ZAND  STARTED

CHANGE-
ZAND:ALLDATA,EXTEND,NO,TA,NO,NO,TA,NO,RA,TONE,10,YES,YES,DDMM
,"0",NO,"1",,80,100,NO,NO,"2",NO,0,5,NO,10,MODE2,#123,NO,NO,Y
ES,YES,NO,YES,NO,NO,NO,NO,NO,NO,NO,NO,NO,NO,NO,YES,NO,NO;

CHANGE-
ZAND:ALLDATA2,NO,NO,NO,NO,YES,NO,NO,NO,1,NO,NO,NO,NO,NO,NO,PR
ESSBUT,CENTER,HICOM,YES,NO,"STANDARD",NO,NO,NO,1,NO,NO,"*XXX*
",NO,NO,NO,NO,ENGLISH,YES,NODIV,NO,NO,NO,SWITOVER,NO,NO,YES,N
O,,NO,INTDNIS,NO,NO,NO,"0";

CHANGE-ZAND:ALLDATA3,20,YES,YES,NO,,NO,NO,NO;

CHANGE-
ZAND:RNGTYPE,"DBLR2","SGLR2","DBLR1","SGLR1","SGLR2","SGLR1",
"SGLR2","PRR","MTR","SGLR1","SGLR1","SGLR2";

CHANGE-ZAND:CCM,YES,RNGBK,NO,YES,NO,NO,NO,NO,NO,NO,NO,NO,NO;

CHANGE-ZAND:CIT,50,0,"      ",;
```

```
CHANGE-ZAND:TN,"0M","0C","00","0";

CHANGE-ZAND:CONFC,ALAW,0,3;

CHANGE-ZAND:OPTLOAD;

CHANGE-ZAND:OPTTBL,2,2,C1,;

CHANGE-ZAND:OPTTBL,8,3,8,;

CHANGE-
ZAND:DIUSL,1,NOACT,REMAL&REMAL64&LOFRA64&AIS64&NOSIG64&REMCRC
,RES;

CHANGE-ZAND:CCD,AMOUNT,1,"1",NO,NO;

CHANGE-
ZAND:ATND,6,EXTM,NO,YES,NO,NO,NO,YES,YES,YES,YES,YES,YES,YES,
NO,0,NO,YES,NO,NO,1,NO,NO,NO,NO;

CHANGE-
ZAND:OPTISET,"24HOUR",EUROPE,ENGLISH&GERMAN&GERMAN&GERMAN&GER
MAN,19,4,2,2,1,6,ECHO,100,7,YES,"25",NO,4,2,3,NO,NO,NO,NO,NO,
" ";

CHANGE-ZAND:SIUXPER,"4","0";

CHANGE-ZAND:ACD,NO,NO,,NO,NO,NO;

CHANGE-ZAND:VMI,NO,6,4,NO,NO,NO,NO;

CHANGE-ZAND:DOMAIN,PRIVATE,1;

CHANGE-ZAND:KEYSYS,NO,NO,YES,YES;

CHANGE-ZAND:ACC,F,NO;

CHANGE-ZAND:LEDTYPE,"FAST","SLOW","OFF","SLOW","FAST";

CHANGE-ZAND:MLPP,NO,NO,NO,,0-0-0-0-0;
```

27.4.2 Module DIUN2 (Q2196-X)

27.4.2.1 Data As Used During Field Trial

- BCSU parameters

  ```
  ADD-BCSU:DIU,1,1,97,"Q2196-X   ","0",,,,,1,,,,,A;
  ```

- COT parameters

  ```
  ADD-
  COT:70,RCL,XFER,ANS,OVRA,CHRT,CKBC,COTN,DPRE,LWNC,NLCR,UUS1,U
  US3,CTLS,NTON;
  ```

- COP parameters

  ```
  ADD-COP:70,ANS,TA,TA;
  ```

- PRODE parameters

  ```
  COPY-PRODE:PVCD,10;
  ```

```
CHANGE-
PRODE:PD,PD06,WELMAND,7,,,,,,,,,,,,,,,,,01,,,,,,,,,,,,,,
,,,,,,,,,,,,,,,,,,,,,,;
CHANGE-
PRODE:PD,PD06,WELMAND,23,,,,,,,,,,,,,,,,,10,,,,,,,,,,,,,,
,,,,,,,,,,,,,,,,,,,,,,;
CHANGE-
PRODE:PD,PD06,WELMAND,46,,,,,,,,,,,DA,,81,,,,40,,,,,,,,,,,
,,,,,,,,,,,,,,,,,,,,,,,,,,;
CHANGE-PRODE:PD,PD06,ORG,,Y,;
CHANGE-
PRODE:PD,PD08,WELMAND,23,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,86,,
,,,,,,,,,,,,,,,,,,,,,,,;
CHANGE-PRODE:PD,PD08,ORG,,Y,;
```

- TDCSU parameters

```
ADD-TDCSU:NEW,1-01-061-0,70,70,0,0,101,32,32,"ISDN TRUNKS
",23,"ETSI",1,,NONE,,,,GDTR,N,CO,NONE,N,4,,65,,,,,31,MANY,1-
1-
100,2,1,1,EMPTY,70,5,N,,,,,,16,8,0,10,,EC&G711&G729OPT,,70,CI
R,Y,S2COD,1&&30,N,1,0,0,0,0,0,0,0;
```

27.4.2.2 Data Planned From Development

no changes

27.4.3 Module TMANI (Q2327-X100/Q2327-X101)

27.4.3.1 Data As Used During Field Trial

none

27.4.3.2 Data Planned From Development

- BCSU parameters

```
ADD-BCSU:PER,1,1,121,"Q2327-X100",0,"0",,,,,,A;
```

or

```
ADD-BCSU:PER,1,1,121,"Q2327-X101",0,"0",,,,,,A;
```

- COT parameters

```
ADD-COT:2,AEOD&NTON,,;
```

- COP parameters

```
ADD-COP:1,DTMF&LSUP&RLSA&TIM1&NSDL&DTM1,TA,TA,,;
```

- PTIME parameters

  ```
  COPY-PTIME:87,16;
  ```

- TACSU parameters

  ```
  ADD-TACSU:1-1-121-0,,2,1,0,0,14,1,1,,1,6,"TMANI
  ",199,199,2,1,EMPTY,0,NONE,NONE,1,EC&G711&G729OPT,"
  ",0,GDTR,0,,Y,TC,ANMOSIG,0,,0,0,1,16,1,0,MOSIG-DTMF,0-0,0;
  ```

27.5 Country Specific Feature Description

no country specific features

27.6 Description of PRB’s (preliminary corrections)

None

27.7 Open Problems At M3 EoF Date

none

28 Country Adaptation for Slowakia (SRE)

Status:

The HiPath 4000 V1.0 for Slowakia has reached technical milestone M3.

Software basis: V1.0-10 revision 01

Central office: EWSD

IMPORTANT: The informations given in this chapter are valid only at the release date of this document. It can not be ensured, that all parameters or links are valid for the whole life time of this HiPath 4000 V1.0 version.

28.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  a) DIUN2 (Q2196-X) - incoming and outgoing digital PTT trunk

  b) TMANI (Q2327-X100) - bothway analog PTT trunk, with GEE

  c) TMANI (Q2327-X101) - bothway analog PTT trunk, without GEE

- Software

  Details can be found in the country AKABAM.

  a) Tone table SRE (J)

  b) SWU Text Version: S0-TLX.20.031 (Slovak)

  c) SLMA24 with country code version J

28.2 Restrictions

Details can be found in the country AKABAM.

28.3 Hardware

28.3.1 Data As Used During Fieldtrial

Hardware	Partnumber S30810-	OS- version or Date	Loadware :PDS:APSP/LTG/	Firmware
DIU-N2	Q2196-X	23.10.01	LGA1/PZFDUN20	06
TMANI	Q2327-X100			
TMANI	Q2327-X101			

28.3.2 Data Planned From Development

no changes

28.4 Country Specific Parameters

28.4.1 General

- AMO ZAND parameters used during field trial:

```
AEND-ZAND:DATENALL,UE-
ERG,NEIN,FBKW,JA,NEIN,FBKW,NEIN,MUSIK,TON,20,JA,JA,TTMM,0,NEI
N,
3,,80,100,NEIN,NEIN,1,JA,0,5,NEIN,1-1-
10,MODE1,100,NEIN,NEIN,NEIN,JA,JA,JA,
NEIN,JA,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,JA,NEIN,NEIN,NEIN,JA,NE
IN,NEIN;

AEND-
ZAND:DATEN2,NEIN,JA,JA,NEIN,JA,JA,NEIN,NEIN,10,JA,NEIN,NEIN,J
A,NEIN,JA,TASTDRUK,ZENTR,HICOM,JA,NEIN,STANDARD,JA,JA,NEIN,1,
NEIN,NEIN,NEZNAME*CISLO,NEIN,JA,JA,JA,SLOWAK&ENGLISCH&DEUTSCH
,NEIN,NODIV,NEIN,JA,NEIN,SWITOVER,NEIN,NEIN,JA,JA,,NEIN,INTDN
IS,NEIN,NEIN,NEIN,0;

AENDERN-ZAND:DATEN3,20,JA,JA,NEIN,,NEIN,NEIN,NEIN,ETSIFSK;

AENDERN-
ZAND:LCR,1&2&3&4&5&6&7&8&9&10&11&12&13&14&15&16,ND,,,0;

...

AEND-ZAND:
PSM,JA,FREITON,NEIN,JA,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,NEI
N,NEIN;

AEND-ZAND:CIT,0,0,,;

AEND-ZAND:TOENE,0J,0J,01,J;
```

```
AEND-ZAND:TONTBL,NICHTERR,8;

AEND-ZAND:TONTBL,NACHRILV,22;

AEND-ZAND:TONTBL,KONFTON,3;

AEND-ZAND:TONTBL,ORTANS,17;

AEND-ZAND:TONTBL,RTOTON2,24;

AEND-ZAND:TONTBL,WARTEXT,22;

AEND-ZAND:TONTBL,WARTSA,1;

AEND-ZAND:TONTBL,SAAO,16;

AEND-ZAND:TONTBL,NAWA,17;

AEND-ZAND:TONTBL,WTONSEQU,1;

AEND-ZAND:CONFC,ALAW,0,3;

AEND-ZAND:OPTLOAD;

AEND-ZAND:DIUWSP,
1,KEINEAKT,REMAL&REMAL64&LOFRA64&AIS64&NOSIG64&REMCRC,ND;

AEND-ZAND:GE,BETRAG,290,1,JA,NEIN;

AEND-ZAND:
VF,2,VERM1,JA,JA,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN
,NEIN,NEIN,0,JA,NEIN,NEIN,NEIN,1,NEIN,NEIN,NEIN,NEIN;

AENDERN-
ZAND:OPTISET,24STD,EUROPA,ENGLISCH&DEUTSCH&ENGLISCH&DEUTSCH&D
EUTSCH,19,4,2,2,1,4,NORMAL,80,7,JA,2,NEIN,4,2,3,NEIN,NEIN,NEI
N,NEIN,NEIN," ";

AEND-ZAND:SIUXPER,0,0;

AEND-ZAND:ACD,NEIN,NEIN,,NEIN,NEIN,NEIN;

AEND-ZAND:VMI,NEIN,8,6,NEIN,NEIN,NEIN,NEIN;

AEND-ZAND:DOMAIN,PRIVAT,1;

AEND-ZAND:KEYSYS,NEIN,NEIN,JA,JA;

AEND-ZAND:ACC,F,NEIN;

AENDERN-ZAND:LEDTYP,SCHNELL,LANGSAM,AUS,LANGSAM,SCHNELL;
```

28.4.2 Module DIUN2 (Q2196-X) - ISDN digital PTT trunk

28.4.2.1 PTIME Parameter Description

not necessary

28.4.2.2 Data As Used During Field Trial

- BCSU parameters

```
EINR-BCSU:DIU,1,1,61,"Q2196-X   ",0,,,,,1,,,,,A;
```

- SICOFI INDEX

  not necessary

- PTIME parameters

  not necessary

- COP parameters

```
EINRICHTEN-COP:21,MELD&SPTR,FBKW,FBKW;

AENDERN-COP:21,COPZU,,,,S2AMT,"S0/S2 STATNI SE SHOZENIM KE
SPOJOVATELCE";
```

- COT parameters

```
EINRICHTEN-
COT:21,AERF&UASE&AWNV&AWBF&AWNB&AWGB&AWAS&AWFR&MVLT&UELM&AWNE
&SAAO&LOKN&OLCR&TSCS&MVNA&WANS&VKNN&OLRD&NOFT&KTON;

AENDERN-COT:21,COTZU,,S2AMT,"S0/S2 STATNI SE SHOZENIM KE
SPOJOVATELCE";
```

- PRODE parameters

```
KOPIEREN-PRODE:PVCD,1;
```

- TDCSU parameters

```
EINR-TDCSU:NEU,1-01-061-0,21,21,0,0,1,7,1,"ISDN ST.L.
",0,ETSI,1,,KEINE,,,,GDTR,N,AMT,KEINE,N,0,,00,0,,,,31,VIELE,1
-1-
999,2,1,1,LEER,21,3,N,,,,,16,8,1,10,,EC&G711&G729OPT,,8,AUF,
J,S2AMT,1&&30,J,1,0,0,0,0,0,0;

 EINR-TDCSU:NEU,1-01-061-1,21,21,0,0,1,7,1,"GTS
",0,ETSI,1,,KEINE,,,,GDTR,N,AMT,KEINE,N,0,,00,0,,,,31,VIELE,1
-1-
998,2,1,1,LEER,21,3,N,,,,,16,8,1,10,,EC&G711&G729OPT,,7,AUF,
J,S2AMT,1&&30,J,1,0,0,0,0,0,0;
```

28.4.2.3 Data Planned From Development

no changes

28.4.3 Module TMANI (Q2327-X100/Q2327-X101) - Analog CO Trunk

28.4.3.1 Parameter Description

Device=ANHKZ ; PTIME initblock = 16

Data As Used During Field Trial

- BCSU parameters

```
EINR-BCSU:PER,1,1,85,"Q2327-X100",0,0,,,,,A;
```

or

```
EINR-BCSU:PER,1,1,85,"Q2327-X101",0,0,,,,,A;
```

- PTIME parameters

```
KOPIEREN-PTIME:87,16;
AEND-PTIME:REST,16,LONG,,,200,,,,;
AEND-PTIME:REST,16,SHORT,,,,,,,0,,,,,,;
AEND-PTIME:REST,16,PARA,0,0,,3,,,,,,,,,31;
```

- COP parameters:

```
EINRICHTEN-
COP:255,MFVW&LUEW&RALA&WTZG&UWZ1&NOWA&MFV1,FBKW,FBKW;
AENDERN-COP:255,COPZU,,,,ANHKZ,"TMANI ST.TON,TON.VOL";
```

- COT parameters

```
EINRICHTEN-
COT:254,AWWU&AWNV&AWBF&AWNB&AWGB&AWFR&LOKN&AWKW&OLCR&OANS;
AENDERN-COT:254,COTZU,,ANHKZ,"TMANI PSEUDO-DID";
```

- TACSU parameters

```
EINRICHTEN-TACSU:1-1-85-0,,255,254,0,0,1,1,1,,10,0,"TMANI
",254,1-1-999,0,1,LEER,0,KEINE,KEINE,0,EC&G711&G729OPT,"
",0,GDTR,0,,J,AS,ANHKZ,0,333,0,0,1,16,1,0,HKZ-MFV,3-0,0;
 EINRICHTEN-TACSU:1-1-85-1,,255,254,0,0,1,1,1,,11,0,"TMANI
",254,1-1-999,0,1,LEER,0,KEINE,KEINE,0,EC&G711&G729OPT,"
",0,GDTR,0,,J,AS,ANHKZ,0,444,0,0,1,16,1,0,HKZ-MFV,3-0,0;
 EINRICHTEN-TACSU:1-1-85-2,,255,254,0,0,1,1,1,,4,0,"TMANI
",254,1-1-999,0,1,LEER,0,KEINE,KEINE,0,EC&G711&G729OPT,"
",0,GDTR,0,,J,AS,ANHKZ,0,251,0,0,1,16,1,0,HKZ-MFV,3-0,0;
 EINRICHTEN-TACSU:1-1-85-3,,255,254,0,0,1,1,1,,3,0,"TMANI
",254,1-1-999,0,1,LEER,0,KEINE,KEINE,0,EC&G711&G729OPT,"
```

28.4.3.2 Data Planned From Development

no changes

28.5 Description of PRB's (preliminary corrections)

none

28.6 Open Problems At M3 EoF Date

PRB	Description
NA00281028	Error messages F5879 TSL DISTORT ERROR, F4401 DEV DH, BAD SEIZURE, F4402 BAD LINE PATH SEIZURE

29 Country Adaptation for Thailand (THA)

Status:

The HiPath 4000 V1.0 for Thailand has reached technical milestone M3.

30 Country Adaptation for Turkey (TRK)

Status:

The HiPath 4000 for Turkey has reached technical milestone M3.

Software basis: V1.0-09 Rel 01

Central office: Nortel DMS100

IMPORTANT: The informations given in this chapter are valid only at the release date of this document. It can not be ensured, that all parameters or links are valid for the whole life time of this HiPath 4000 V1.0 version.

30.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  a) DIUS2 (Q2096-X200) - incoming and outgoing digital PTT trunk

  b) TMANI (Q2327-X100) - bothway analog PTT trunk, with GEE

  c) TMANI (Q2327-X101) - bothway analog PTT trunk, without GEE

  d) DIUN2 (Q2185-X) - incoming and outgoing digital PTT trunk

- Software

  Details can be found in the country AKABAM.

  a) Tone tableTRK

  b) SWU Text Version: S0-TJx.20 turkey

30.2 Restrictions

Details can be found in the country AKABAM.

30.3 Hardware

30.3.1 Data As Used During Fieldtrial

Hardware	Partnumber S30810-	OS version	Loadware :PDS:APSP/LTG/	Firmware
DIUS2	Q2096-X200	88FXF1045	**PZFDIUS0**	D762-H
TMANI	Q2327-X100			
TMANI	Q2327-X101			

30.3.2 Data Planned From Development

Hardware	Partnumber S30810-	OS version	Loadware :PDS:APSP/LTG/	Firmware
DIUN2	Q2185-X	20.038 23.10.01	PZFDUN20	- 06 -

30.4 Country Specific Parameters

30.4.1 General

- AMO ZAND parameter used during the field trial:

```
DIS-ZAND:LOADWARE;
H500:  AMO ZAND  STARTED
 LOADWARE FOR ASSIGNED STATION LINE MODULES AND SIUC:
   ==================================================
SSIU = 0,  CONF = 0,  SMO1 = 0,  SLA2 = 0,  TM2L = 0,  DIUS =
0;
AMO-ZAND -111     SYSTEM DATA
```

30.4.2 Module DIUS2 (Q2096-X200)

30.4.2.1 Data As Used During Field Trial

- BCSU parameters

```
ADD-BCSU:DIU,1,1,85,"Q2096-X200",0,,,,,0,,,,,A;
```

- COP parameters

```
ADD-COP:21,L3AR,TA,TA;
```

- COT parameters

```
ADD-COT:
20,RCL&XFER&ANS&AEOD&CEOC&CBBN&COTN&IEVT&BSHT&TRAI&LWNC&NLCR&
TSCS&NLRD&NTON;
```

- PRODE parameters

```
COPY-PRODE:PVCD,1;
```

- TDCSU parameters

```
ADD-TDCSU:NEW,1-01-085-0,20,21,0,0,105,4,4,"TEST
",11,ETSI,1,,NONE,,,,GDTR,N,CO,NONE,N,0, ,00,0,,,,31,MANY,1-
34-
11,2,1,1,EMPTY,20,5,N,,,,,,16,8,0,10,1,NONE,"",100,CIR,Y,S2CO
D,1&&30,N,1,0;
```

30.4.2.2 Data Planned From Development

no changes

30.4.3 Module DIUN2 (Q2185-X)

30.4.3.1 Data As Used During Field Trial

none

30.4.3.2 Data Planned From Development

- BCSU parameters

```
ADD-BCSU:DIU,1,1,85,"Q2185-X",0,,,,,0,,,,,A;
```

- COP parameters

```
ADD-COP:21,L3AR,TA,TA;
```

- COT parameters

```
ADD-COT:
20,RCL&XFER&ANS&AEOD&CEOC&CBBN&COTN&IEVT&BSHT&TRAI&LWNC&NLCR&
TSCS&NLRD&NTON;
```

- PRODE parameters

```
COPY-PRODE:PVCD,1;
```

- TDCSU parameters

```
ADD-TDCSU:NEW,1-01-085-0,20,21,0,0,105,4,4,"TEST
",11,ETSI,1,,NONE,,,,GDTR,N,CO,NONE,N,0,,00,0,,,,31,MANY,1-
34-11,2,1,1,EMPTY,20,5,N,,,,,,16,8,0,10,1,NONE
,"",100,CIR,Y,S2COD,1&&30,N,1,0;
```

30.4.4 Module TMANI (Q2327-X100/Q2327-X101)

30.4.4.1 Data As Used During Field Trial

- BCSU parameters

```
ADD-BCSU:PER,1,1,73,"Q2327-X100",0,0,,,,,A;
```

or

```
ADD-BCSU:PER,1,1,73,"Q2327-X100",0,0,,,,,A;
```

- PTIME parameters

```
COPY-PTIME:87,16;
CHANGE-PTIME:REST,16,LONG,,,200,,,,1000;
CHANGE-PTIME:REST,16,SHORT,,,,,,,, 0,,,,,,50;
CHANGE-PTIME:REST,16,PARA,,16,,18,,,,,,5,,55,,15;
```

- COP parameters

```
ADD-COP:30,DTMF&LSUP&RLSA&DTN&NO1A&TIM2&NSDL&DTM2,,;
```

- COT parameters

```
ADD-COT: 30,IFR&USD&TSCS&CTLS&NTON;
```

- TACSU parameters

```
ADD-TACSU:1-1-73-0,,30,30,0,0,100,1,1,,300,0,"GIRIS
",1,1-34-11,0,1,EMPTY,0,NONE,NONE,1,EC&G711&G729OPT,"
",0,GDTR,0,,Y,TC,ANMOSIG,0,,0,0,1,16,1,0,MOSIG-DTMF,0-0,0;
```

30.4.4.2 Data Planned From Development

no changes

30.5 Country Specific Feature Description

no country specific features

30.6 Description of PRB’s (preliminary corrections)

None

30.7 Open Problems At M3 EoF Date

none

31 Country Adaptation for United Arab Emirates (UAE)

Status:

The HiPath 4000 V1.0 for United Arab Emirates has reached technical milestone M3.

Software basis: V1.0-10 revision 03

Central office: EWSD, Alcatel, FETEX

IMPORTANT: The informations given in this chapter are valid only at the release date of this document. It can not be ensured, that all parameters or links are valid for the whole life time of this HiPath 4000 V1.0 version.

31.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  a) TMANI (Q2327-X100) - bothway analog PTT trunk, with GEE

  b) TMANI (Q2327-X101) - bothway analog PTT trunk, without GEE

  c) DIUN2(Q2196-X) - digital Tie trunk.

  d) SLMA3(Q2191-X) - analog subscriber trunk.

- Software

  Details can be found in the country AKABAM.

  a) Tone table SAR(03)

  b) SWU Text Version: S0-TJx.20.026 (english)

  c) SLMA3 with countrycode version 0

31.2 Restrictions

Details can be found in the country AKABAM.

31.3 Hardware

31.3.1 Data As Used During Fieldtrial

Hardware	Partnumber S30810-	OS Version or Date	Loadware :PDS:APSP/LTG/	Firmware
DIU-N2	Q2196-X	23.10.01	**LGA1/PZFDUN20**	6
TMANI	Q2327-X100			
TMANI	Q2327-X101			
SLMA3	Q2191-X	OS.V1:02 6	**LG80/PZESLA30**	5

31.3.2 Data Planned From Developmentnochanges

31.4 Country Specific Parameters

31.4.1 Module DIUN2(Q2196-X) digital CO trunk

- BCSU parameters

  ```
  ADD-BCSU:DIU,1,4,25,"Q2196-X   ","0",,,,,1,,,,,A;
  ```

- PTIME parameters
- PRODE Parameters

  ```
  COPY-PRODE:PVCD,10;
  CHANGE-PRODE:PD,PD04,RESTP,MTNAME,15,FF,,,,,,,,,,,,,FF,,,,;
  CHANGE-PRODE:PD04,ORG,,Y,;
  ```

- COP parameters

  ```
  ADD-COP:200,,TA,TA,,;
  CHANGE-COP:200,COPADD,,,,INDEP,"COP FOR PRI";
  ```

- COT parameters

  ```
  ADD-
  COT:200,RCL&XFER&IVAC&ANS&CHRT&CEOC&CEBC&FWDN&FNAN&IEVT&BSHT&
  KNEX&DSDL&NTON,,;
  ```

- TDCSU parameters

```
ADD-TDCSU:NEW,1-01-025-1,201,200,0,0,4,1,1,"ETIPRI2
",0,"ETSI",1,,NONE,,,,GDTR,N,CO,NONE,N,0,,,,,,,31,MANY,1-1-
200,2,1,1,EMPTY,201,1,N,,TCC,0,,,16,8,1,10,,NONE,,21,CIR,Y,S2
COD,1&&30,N,1,0,0,0,0,0,0;
```

31.4.1.1 Data Planned From Development

no changes

31.4.2 Module TMANI (Q2327-X100/Q2327-X101) - Analoge CO Trunk

31.4.2.1 Parameter Description

Device=ANMOSIG ; PTIME initblock = 87

Data As Used During Field Trial

- BCSU parameters

  ```
  ADD-BCSU:PER,1,1,85,"Q2327-X100",0,0,,,,,A;
  ```

  or

  ```
  ADD-BCSU:PER,1,1,85,"Q2327-X101",0,0,,,,,A;
  ```

- PTIME parameters

  ```
  COPY-PTIME:87,16;
  ```

- COP parameters

  ```
  ADD-COP:100,DTMF&LSUP&RLSA&TDED&NO1A&DITW&TIM2&NSDL&DTM1,,,,;
  CHANGE-COP:100,COPADD,,,,INDEP,"COP FOR ANALOG CO";
  ```

- COT parameters

  ```
  ADD-
  COT:100,RCL&XFER&IVAC&KNOR&CEOC&CEBC&KNDI&KNEX&CECO&MRCA&NTON
  ,,;
  CHANGE-COT:100,COTADD,,INDEP,"COT FOR ANALOG CO";
  ```

- TACSU parameters

  ```
  ADD-TACSU:1-1-85-0,,100,100,0,0,4,1,1,,10,0,"ANALOG 1
  ",0,1-1-201,2,1,EMPTY,0,NONE,NONE,1,NONE,"
  ",0,GDTR,0,,Y,TC,ANMOSIG,0,700,0,0,1,16,1,0,MOSIG-DTMF,0-0,0;
  ```

31.4.2.2 Data Planned From Development

no changes

31.5 Description of PRB’s (preliminary corrections)

none

31.6 Open Problems At M3 EoF Date

none

32 Country Adaptation for Ukraine (UKR)

Status:

The HiPath 4000 V1.0 for Ukraine has reached technical milestone M3.

Software basis: V1.0-10 revision 02

Central office: EWSD

IMPORTANT: The informations given in this chapter are valid only at the release date of this document. It can not be ensured, that all parameters or links are valid for the whole life time of this HiPath 4000 V1.0 version.

32.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  a) DIUN2(Q2196-X) - incoming and outgoing digital PTT trunk

  b) TMANI (Q2327-X100) - bothway analog PTT trunk, with GEE

  c) TMANI (Q2327-X101) - bothway analog PTT trunk, without GEE

  d) SLMAC(Q2191-C) - analog subscriber trunk.

- Software

  Details can be found in the country AKABAM.

  a) Tone table UKR(0)

  b) SWU Text Version: S0-TJx.20.026 (english)

  c) SLMAC with countrycode version 0

32.2 Restrictions

Details can be found in the country AKABAM.

32.3 Hardware

32.3.1 Data As Used During Fieldtrial

Hardware	Partnumber S30810-	OS version or Date	Loadware :PDS:APSP/LTG/	Firmware
DIU-N2	Q2196-X	23.10.01	**LGA1/PZFDUN20**	6
TMANI	Q2327-X100			
TMANI	Q2327-X101			
SLMAC	Q2191-C	23.10.02	**LG80/PZESLAC0**	4

32.3.2 Data Planned From Development

no changes

32.4 Country Specific Parameters

32.4.1 General

32.4.2 Module DIUN2(Q2196-X) ISDN digital PTT trunk

32.4.2.1 PTIME Parameter Description

not necessary

32.4.2.2 Data As Used During Field Trial

- BCSU parameters

  `ADD-BCSU:DIU,1,1,79,"Q2196-X ",0,,,,1,,,,,A,`
- SICOFI INDEX

  not necessary
- PTIME parameters

not necessary

- COP parameters

```
ADD-COP:77,DTMF&DTM1,,;
```

- COT parameters

```
ADD-
COT:77,RCL&XFER&IIDL&ANS&CHRT&CEBC&BSHT&LWNC&INDG&NLCR&ICZO&D
FNN&NLRD&LINO&NTON;;
```

- PRODE parameters

```
COPY-PRODE:PVCD,10;
```

- TDCSU parameters

```
ADD-TDCSU:NEW,1-02-025-0,77,77,0,0,77,1,1,"GT_DPLN0
",0,ETSI,1,,NONE,,,,GDTR,N,CO,NONE,N,0,,810,80,,,,31,MANY,10,
0,1,1,EMPTY,77,10,N,,,,,,16,8,1,10,,NONE,,10,CIR,Y,S2COD,1&&3
0,N,1,0,0,0,2,0,0;
```

32.4.3 Module TMANI (Q2327-X100/Q2327-X101) - Aanaloge CO Trunk

32.4.3.1 Parameter Description

Device=ANMOSIG ; PTIME initblock = 87

Data As Used During Field Trial

- BCSU parameters

```
ADD-BCSU:PER,1,1,55,"Q2327-X100",0,0,,,,,A;
```

or

```
ADD-BCSU:PER,1,1,55,"Q2327-X101",0,0,,,,,A;
```

- PTIME parameters

```
COPY-PTIME:87,16;
```

- COP parameters

```
ADD-COP:10,DTMF&RLSA&TIM3&DTM1,,;
```

- COT parameters

```
ADD-COT:10,RCL&ANS&CHRT&LWNC&DFNN&NTON;
```

- TACSU parameters

```
ADD-TACSU:1-1-55-0,,10,10,0,0,10,1,1,,200,0,"DIALER L1
",0,99,2,1,EMPTY,0,NONE,NONE,0,EC&G711&G729OPT,"
",0,GDTR,0,,Y,TC,ANMOSIG,0,,0,0,1,16,1,0,MOSIG-DTMF,0-0,0;
```

32.4.3.2 Data Planned From Development

no changes

32.5 Description of PRB’s (preliminary corrections)

none

32.6 Open Problems At M3 EoF Date

none

33 Country Adaptation for Hungaria (UNG)

Status:

The HiPath 4000 for Hungaria has reached technical milestone M3.

Software basis: V1.0 SMR08 Rev 08

Central office: EWSD

IMPORTANT: The informations given in this chapter are valid only at the release date of this document. It can not be ensured, that all parameters or links are valid for the whole life time of this HiPath 4000 V1.0 version.

33.1 Scope

- Hardware

  Details can be found in the country AKABAM.

  a) DIUN2 (Q2196-X) - incoming and outgoing digital tie trunk

  b) TMANI (Q2327-X100) - bothway analog PTT trunk, with GEE

  c) TMANI (Q2327-X101) - bothway analog PTT trunk, without GEE

- Software

  Details can be found in the country AKABAM.

  a) Tone table UNG

  b) SWU Text Version: S0-TJx.20 (hungarian)

33.2 Restrictions

Details can be found in the country AKABAM.

33.3 Hardware

33.3.1 Data As Used During Fieldtrial

Hardware	Partnumber S30810-	OS version	Loadware :PDS:APSP/LTG/	Firmware
DIUN2	Q2196-X	V1.6 00/01/04	LGA1/PZFDUN20	- 04 -
TMANI	Q2327-X100			
TMANI	Q2327-X101			

33.3.2 Data Planned From Development

no changes

33.4 Country Specific Parameters

33.4.1 General

- AMO ZAND parameter used during the field trial:

```
AENDERN-
ZAND:DATENALL,UEBERG,NEIN,FBKW,NEIN,NEIN,FBKW,NEIN,MUSIK,ANSA
GE,15,JA,NEIN,MMTT,"1",NEIN,"1",,80,100,JA,NEIN,"1",JA,0,10,N
EIN,1-1-
6,MODE1,9*06,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,JA,NEIN,NEIN,
NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,JA,NEIN,NEIN;

AENDERN-
ZAND:DATEN2,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,5,NEIN,NE
IN,NEIN,NEIN,NEIN,NEIN,TASTDRUK,ZENTR,HICOM,JA,NEIN,"STANDARD
",NEIN,NEIN,NEIN,32,NEIN,NEIN,"*XXX*
",NEIN,NEIN,JA,NEIN,UNGARN&ENGLISCH&DEUTSCH,JA,NODIV,NEIN,NEI
N,NEIN,SWITOVER,NEIN,NEIN,JA,NEIN,,NEIN,INTDNIS,NEIN,NEIN,NEI
N,"0";

AENDERN-ZAND:DATEN3,20,JA,JA,NEIN,,NEIN,NEIN,NEIN;

AENDERN-
ZAND:RUFTYP,"DOPPELRUF2","EINFACHRUF2","EINFACHRUF2","EINFACH
RUF1","DREIFACHRUF1","EINFACHRUF1","EINFACHRUF2","NOTRUF","ME
HRTONRUF","EINFACHRUF1","EINFACHRUF1","EINFACHRUF2";

AENDERN-
ZAND:PSM,JA,FREITON,JA,JA,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,
NEIN,NEIN;

AENDERN-ZAND:CIT,0,0,"      ",;
```

```
AENDERN-ZAND:TOENE,"01","05","00","0";

AENDERN-ZAND:TONTBL,WTONINT,"2";

AENDERN-ZAND:CONFC,ALAW,0,3;

AENDERN-ZAND:OPTLOAD;

AENDERN-
ZAND:DIUWSP,1,KEINEAKT,REMAL&REMAL64&LOFRA64&AIS64&NOSIG64&RE
MCRC,ND;

AENDERN-ZAND:GE,BETRAG,1600,"1",NEIN,NEIN;

AENDERN-
ZAND:VF,2,VERM1,JA,JA,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN,NEIN
,NEIN,JA,NEIN,0,NEIN,NEIN,NEIN,NEIN,1,JA,NEIN,NEIN,NEIN;

AENDERN-
ZAND:OPTISET,"24STD",EUROPA,DEUTSCH&DEUTSCH&DEUTSCH&DEUTSCH&D
EUTSCH,25,5,2,3,5,4,NORMAL,50,7,JA,"2",NEIN,4,2,3,NEIN,NEIN,N
EIN,NEIN,NEIN," ";

AENDERN-ZAND:SIUXPER,"0","0";

AENDERN-ZAND:ACD,NEIN,NEIN,,NEIN,NEIN,NEIN;

AENDERN-ZAND:VMI,NEIN,8,6,NEIN,NEIN,NEIN,NEIN;

AENDERN-ZAND:DOMAIN,PRIVAT,1;

AENDERN-ZAND:KEYSYS,NEIN,NEIN,JA,JA;

AENDERN-ZAND:ACC,F,NEIN;

AENDERN-
ZAND:LEDTYP,"SCHNELL","LANGSAM","AUS","LANGSAM","SCHNELL";

AENDERN-ZAND:MLPP,NEIN,NEIN,NEIN,,0-0-0-0-0;
```

33.4.2 Module DIUN2 (Q2196-X)

33.4.2.1 Data As Used During Field Trial

- BCSU parameters

  ```
  EINRICHTEN-BCSU:DIU,1,2,25,"Q2196-X   ","0",,,,,1,,,,,A;
  ```

- COP parameters

  ```
  EINRICHTEN-COP:15,,,,,;

  AENDERN-COP:15,COPZU,,,,S2VERB,"CORNET-NQ";
  ```

- COT parameters

  ```
  AENDERN-COT:15,COTZU,,S2VERB,"CORNET-NQ";
  ```

- PRODE parameters

  ```
  KOPIEREN-PRODE:PVCD,10;
  ```

- TDCSU parameters

```
EINRICHTEN-TDCSU:NEU,1-02-025-0,15,15,0,0,3,2,2,"AKAC1-5-97-
2",0,"ECMAV2",8,,KEINE,,,,GDTR,N,QUER,KEINE,N,0,,,,,,,31,VIEL
E,1-1-
1,2,1,1,LEER,15,4,N,,,,,16,8,0,10,,EC&G711&G729OPT,,60,ZYK,J
,S2VERB,1&&30,N,1,3,0,0,0,0,0;
```

33.4.2.2 Data Planned From Development

- BCSU parameters

  ```
  EINR-BCSU:DIU,1,1,97,"Q2196-X   ","0",,,,,1,,,,,A;
  ```

- COT parameters

  ```
  EINRICHTEN-
  COT:1,PRIO&UASE&UELM&AWTE&SAAO&LOKN&ASAO&OLCR&MVNA&WANS&VKNN&
  OLRD& KSDL&KTON;
  ```

  ```
  AENDERN-COT:1,COTZU,,S2AMT, "S2A ETSI";
  ```

- COP parameters

  ```
  EINRICHTEN-COP:1,,FBKW,FBKW;
  ```

- PRODE parameters

  ```
  KOPIEREN-PRODE:PVCD,8;
  ```

  ```
  KOPIEREN-PRODE:PD,32,PD06;
  ```

  ```
  AENDERN-PRODE:PD,PD06,VERW,,JA,PSS1V2;
  ```

  ```
  AENDERN-PRODE:VARTAB,PSS1V2,PD06,,;
  ```

- TDCSU parameters

  ```
  EINR-TDCSU:NEU,1-01-073-0,1,1,0,0,38,32,32,"S0AMT
  ",13,ETSI,1,,KEINE,,,,GDTR,N,AMT,KEINE,N,0, ,,,,,
  ,31,VIELE,1-1-
  13,2,1,1,LEER,1,1,N,,,,,,16,8,0,10,1,EC&G711&G729OPT
  ,"",13,ZYK,J,S0AMT, ,J,J,N,0,0,J;
  ```

33.4.3 Module TMANI (Q2327-X100/Q2327-X101)

33.4.3.1 Data As Used During Field Trial

- BCSU parameters

  ```
  EINRICHTEN-BCSU:PER,1,2,97,"Q2327-X100",0,"0",,,,,,A;
  ```

  or

  ```
  EINRICHTEN-BCSU:PER,1,2,97,"Q2327-X101",0,"0",,,,,,A;
  ```

- PTIME parameters

  ```
  KOPIEREN-PTIME:87,11;
  ```

  ```
  AENDERN-PTIME:REST,11,LONG,,,200,,,,;
  ```

```
AENDERN-PTIME:REST,11,SHORT,,,,,,,,,,,,30;

AENDERN-PTIME:REST,11,PARA,,16,,2,,,,,,5,,27,,23;
```

- COP parameters

```
EINRICHTEN-
COP:82,MFVW&WTON&WABR&RALA&WTZG&OW1A&DITR&UWZ1&MFV1,,,,;

AENDERN-COP:82,COPZU,,,,ANHKZ,"ANALOG FOVONAL MFV_UWZ";
```

- COT parameters

```
EINRICHTEN-
COT:81,AERF&AWWU&AWNV&AWBF&AWNB&AWGB&AWAS&AWFR&LTVW&UELM&RALW
&LOKN&LTMB&KTON,,;

AENDERN-COT:81,COTZU,,ANHKZ,"ANALOG FOVONAL IWV/MFV";
```

- TACSU parameters

```
EINRICHTEN-TACSU:1-2-97-0,,81,82,0,0,3,2,2,,105,0,"215-0599
",0,1-1-100,0,1,LEER,0,KEINE,KEINE,1,EC&G711&G729OPT,"
",0,GDTR,0,,J,AS,ANHKZ,0,26103,0,0,1,11,10,0,HKZ-MFV,0-0,0;
```

33.5 Country Specific Feature Description

no country specific features

33.6 Description of PRB’s (preliminary corrections)

None

33.7 Open Problems At M3 EoF Date

none

Index