

Hardware :	TE420E
Ports :	4 E1/T1 (ISDN PRI)
Software :	Issabel 4

```
[issabel.localdomain ~]# dahdi_genconf  
[issabel.localdomain ~]# dahdi_cfg -vvvv
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DAHDI Tools Version - 2.2.0

DAHDI Version: 2.2.0

Echo Canceller(s): MG2

Configuration

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Channel 01: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 01)
Channel 02: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 02)
Channel 03: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 03)
Channel 04: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 04)
Channel 05: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 05)
Channel 06: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 06)
Channel 07: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 07)
Channel 08: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 08)
Channel 09: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 09)
Channel 10: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 10)
Channel 11: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 11)
Channel 12: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 12)
Channel 13: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 13)
Channel 14: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 14)
Channel 15: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 15)
Channel 16: D-channel (Default) (Echo Canceler: none) (Slaves: 16)
Channel 17: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 17)
Channel 18: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 18)
Channel 19: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 19)
Channel 20: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 20)
Channel 21: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 21)
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Channel 33: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 33)
Channel 34: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 34)
Channel 35: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 35)
Channel 36: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 36)
Channel 37: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 37)
Channel 38: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 38)
Channel 39: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 39)
Channel 40: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 40)
Channel 41: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 41)
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Channel 46: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 46)
Channel 47: D-channel (Default) (Echo Canceler: none) (Slaves: 47)
Channel 48: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 48)
Channel 49: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 49)
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Channel 77: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 77)
Channel 78: D-channel (Default) (Echo Canceler: none) (Slaves: 78)
Channel 79: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 79)
Channel 80: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 80)
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Channel 95: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 95)
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Channel 104: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 104)
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Channel 107: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 107)
Channel 108: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 108)
Channel 109: D-channel (Default) (Echo Canceler: none) (Slaves: 109)
Channel 110: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 110)
Channel 111: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 111)
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Channel 113: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 113)
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Channel 116: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 116)
Channel 117: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 117)
Channel 118: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 118)
Channel 119: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 119)
Channel 120: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 120)

Channel 121: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 121)
Channel 122: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 122)
Channel 123: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 123)
Channel 124: Clear channel (Default) (Echo Canceler: oslec) (Slaves: 124)

124 channels to configure.

[root@issabel ~]# Isdahdi

Span 1: TE4/0/1 "T4XXP (PCI) Card 0 Span 1" (MASTER) CCS/HDB3/CRC4 ClockSource

1 PRI Clear (In use) (EC: OSLEC - INACTIVE)
2 PRI Clear (In use) (EC: OSLEC - INACTIVE)
3 PRI Clear (In use) (EC: OSLEC - INACTIVE)
4 PRI Clear (In use) (EC: OSLEC - INACTIVE)
5 PRI Clear (In use) (EC: OSLEC - INACTIVE)
6 PRI Clear (In use) (EC: OSLEC - INACTIVE)
7 PRI Clear (In use) (EC: OSLEC - INACTIVE)
8 PRI Clear (In use) (EC: OSLEC - INACTIVE)
9 PRI Clear (In use) (EC: OSLEC - INACTIVE)
10 PRI Clear (In use) (EC: OSLEC - INACTIVE)
11 PRI Clear (In use) (EC: OSLEC - INACTIVE)
12 PRI Clear (In use) (EC: OSLEC - INACTIVE)
13 PRI Clear (In use) (EC: OSLEC - INACTIVE)
14 PRI Clear (In use) (EC: OSLEC - INACTIVE)
15 PRI Clear (In use) (EC: OSLEC - INACTIVE)
16 PRI HDLCFCS (In use)
17 PRI Clear (In use) (EC: OSLEC - INACTIVE)
18 PRI Clear (In use) (EC: OSLEC - INACTIVE)
19 PRI Clear (In use) (EC: OSLEC - INACTIVE)
20 PRI Clear (In use) (EC: OSLEC - INACTIVE)
21 PRI Clear (In use) (EC: OSLEC - INACTIVE)
22 PRI Clear (In use) (EC: OSLEC - INACTIVE)
23 PRI Clear (In use) (EC: OSLEC - INACTIVE)
24 PRI Clear (In use) (EC: OSLEC - INACTIVE)
25 PRI Clear (In use) (EC: OSLEC - INACTIVE)
26 PRI Clear (In use) (EC: OSLEC - INACTIVE)
27 PRI Clear (In use) (EC: OSLEC - INACTIVE)
28 PRI Clear (In use) (EC: OSLEC - INACTIVE)
29 PRI Clear (In use) (EC: OSLEC - INACTIVE)
30 PRI Clear (In use) (EC: OSLEC - INACTIVE)
31 PRI Clear (In use) (EC: OSLEC - INACTIVE)

Span 2: TE4/0/2 "T4XXP (PCI) Card 0 Span 2" CCS/HDB3/CRC4

32 PRI Clear (In use) (EC: OSLEC - INACTIVE)
33 PRI Clear (In use) (EC: OSLEC - INACTIVE)
34 PRI Clear (In use) (EC: OSLEC - INACTIVE)

35 PRI Clear (In use) (EC: OSLEC - INACTIVE)
36 PRI Clear (In use) (EC: OSLEC - INACTIVE)
37 PRI Clear (In use) (EC: OSLEC - INACTIVE)
38 PRI Clear (In use) (EC: OSLEC - INACTIVE)
39 PRI Clear (In use) (EC: OSLEC - INACTIVE)
40 PRI Clear (In use) (EC: OSLEC - INACTIVE)
41 PRI Clear (In use) (EC: OSLEC - INACTIVE)
42 PRI Clear (In use) (EC: OSLEC - INACTIVE)
43 PRI Clear (In use) (EC: OSLEC - INACTIVE)
44 PRI Clear (In use) (EC: OSLEC - INACTIVE)
45 PRI Clear (In use) (EC: OSLEC - INACTIVE)
46 PRI Clear (In use) (EC: OSLEC - INACTIVE)
47 PRI HDLCFCS (In use)
48 PRI Clear (In use) (EC: OSLEC - INACTIVE)
49 PRI Clear (In use) (EC: OSLEC - INACTIVE)
50 PRI Clear (In use) (EC: OSLEC - INACTIVE)
51 PRI Clear (In use) (EC: OSLEC - INACTIVE)
52 PRI Clear (In use) (EC: OSLEC - INACTIVE)
53 PRI Clear (In use) (EC: OSLEC - INACTIVE)
54 PRI Clear (In use) (EC: OSLEC - INACTIVE)
55 PRI Clear (In use) (EC: OSLEC - INACTIVE)
56 PRI Clear (In use) (EC: OSLEC - INACTIVE)
57 PRI Clear (In use) (EC: OSLEC - INACTIVE)
58 PRI Clear (In use) (EC: OSLEC - INACTIVE)
59 PRI Clear (In use) (EC: OSLEC - INACTIVE)
60 PRI Clear (In use) (EC: OSLEC - INACTIVE)
61 PRI Clear (In use) (EC: OSLEC - INACTIVE)
62 PRI Clear (In use) (EC: OSLEC - INACTIVE)
Span 3: TE4/0/3 "T4XXP (PCI) Card 0 Span 3" CCS/HDB3/CRC4
63 PRI Clear (In use) (EC: OSLEC - INACTIVE)
64 PRI Clear (In use) (EC: OSLEC - INACTIVE)
65 PRI Clear (In use) (EC: OSLEC - INACTIVE)
66 PRI Clear (In use) (EC: OSLEC - INACTIVE)
67 PRI Clear (In use) (EC: OSLEC - INACTIVE)
68 PRI Clear (In use) (EC: OSLEC - INACTIVE)
69 PRI Clear (In use) (EC: OSLEC - INACTIVE)
70 PRI Clear (In use) (EC: OSLEC - INACTIVE)
71 PRI Clear (In use) (EC: OSLEC - INACTIVE)
72 PRI Clear (In use) (EC: OSLEC - INACTIVE)
73 PRI Clear (In use) (EC: OSLEC - INACTIVE)
74 PRI Clear (In use) (EC: OSLEC - INACTIVE)
75 PRI Clear (In use) (EC: OSLEC - INACTIVE)
76 PRI Clear (In use) (EC: OSLEC - INACTIVE)
77 PRI Clear (In use) (EC: OSLEC - INACTIVE)

78 PRI HDLCFCS (In use)
79 PRI Clear (In use) (EC: OSLEC - INACTIVE)
80 PRI Clear (In use) (EC: OSLEC - INACTIVE)
81 PRI Clear (In use) (EC: OSLEC - INACTIVE)
82 PRI Clear (In use) (EC: OSLEC - INACTIVE)
83 PRI Clear (In use) (EC: OSLEC - INACTIVE)
84 PRI Clear (In use) (EC: OSLEC - INACTIVE)
85 PRI Clear (In use) (EC: OSLEC - INACTIVE)
86 PRI Clear (In use) (EC: OSLEC - INACTIVE)
87 PRI Clear (In use) (EC: OSLEC - INACTIVE)
88 PRI Clear (In use) (EC: OSLEC - INACTIVE)
89 PRI Clear (In use) (EC: OSLEC - INACTIVE)
90 PRI Clear (In use) (EC: OSLEC - INACTIVE)
91 PRI Clear (In use) (EC: OSLEC - INACTIVE)
92 PRI Clear (In use) (EC: OSLEC - INACTIVE)
93 PRI Clear (In use) (EC: OSLEC - INACTIVE)
Span 4: TE4/0/4 "T4XXP (PCI) Card 0 Span 4" CCS/HDB3/CRC4
94 PRI Clear (In use) (EC: OSLEC - INACTIVE)
95 PRI Clear (In use) (EC: OSLEC - INACTIVE)
96 PRI Clear (In use) (EC: OSLEC - INACTIVE)
97 PRI Clear (In use) (EC: OSLEC - INACTIVE)
98 PRI Clear (In use) (EC: OSLEC - INACTIVE)
99 PRI Clear (In use) (EC: OSLEC - INACTIVE)
100 PRI Clear (In use) (EC: OSLEC - INACTIVE)
101 PRI Clear (In use) (EC: OSLEC - INACTIVE)
102 PRI Clear (In use) (EC: OSLEC - INACTIVE)
103 PRI Clear (In use) (EC: OSLEC - INACTIVE)
104 PRI Clear (In use) (EC: OSLEC - INACTIVE)
105 PRI Clear (In use) (EC: OSLEC - INACTIVE)
106 PRI Clear (In use) (EC: OSLEC - INACTIVE)
107 PRI Clear (In use) (EC: OSLEC - INACTIVE)
108 PRI Clear (In use) (EC: OSLEC - INACTIVE)
109 PRI HDLCFCS (In use)
110 PRI Clear (In use) (EC: OSLEC - INACTIVE)
111 PRI Clear (In use) (EC: OSLEC - INACTIVE)
112 PRI Clear (In use) (EC: OSLEC - INACTIVE)
113 PRI Clear (In use) (EC: OSLEC - INACTIVE)
114 PRI Clear (In use) (EC: OSLEC - INACTIVE)
115 PRI Clear (In use) (EC: OSLEC - INACTIVE)
116 PRI Clear (In use) (EC: OSLEC - INACTIVE)
117 PRI Clear (In use) (EC: OSLEC - INACTIVE)
118 PRI Clear (In use) (EC: OSLEC - INACTIVE)
119 PRI Clear (In use) (EC: OSLEC - INACTIVE)
120 PRI Clear (In use) (EC: OSLEC - INACTIVE)

121 PRI Clear (In use) (EC: OSLEC - INACTIVE)
122 PRI Clear (In use) (EC: OSLEC - INACTIVE)
123 PRI Clear (In use) (EC: OSLEC - INACTIVE)
124 PRI Clear (In use) (EC: OSLEC - INACTIVE)

[issabel.localdomain ~]# vi /etc/asterisk/dahdi-channels.conf

```
; Span 1: TE4/0/1 "T4XXP (PCI) Card 0 Span 1" (MASTER) CCS/HDB3/CRC4 ClockSource
group=0,11
context=from-pstn
switchtype = euroisdn
signalling = pri_cpe
channel => 1-15,17-31
context = default
group = 63
```

```
; Span 2: TE4/0/2 "T4XXP (PCI) Card 0 Span 2" CCS/HDB3/CRC4
group=0,12
context=from-pstn
switchtype = euroisdn
signalling = pri_cpe
channel => 32-46,48-62
context = default
group = 63
```

```
; Span 3: TE4/0/3 "T4XXP (PCI) Card 0 Span 3" CCS/HDB3/CRC4
group=0,13
context=from-pstn
switchtype = euroisdn
signalling = pri_cpe
channel => 63-77,79-93
context = default
group = 63
```

```
; Span 4: TE4/0/4 "T4XXP (PCI) Card 0 Span 4" CCS/HDB3/CRC4
group=0,14
context=from-pstn
switchtype = euroisdn
signalling = pri_cpe
channel => 94-108,110-124
context = default
```

[root@issabel ~]# dahdi_test

Opened pseudo dahdi interface, measuring accuracy...

99.999% 99.996% 99.998% 99.999% 99.999% 99.999% 99.999% 100.000%
99.997% 99.997% 99.999% 99.999% 99.999% 99.999% 99.999% 99.999%
99.998% 99.999% 99.997% 99.999% 99.999% 99.999% 99.999% 100.000%

ROBY TECH