

5 Alla näet ISDN-puhelimen S-liittymästä poimitun merkinantotapahtumien listauksen. Pura listaus selostamalla parilla lauseella, mitä on tapahtumassa kussakin vaiheista 1–8. Kerro myös, mitä analysoitavan puhelimen käyttäjä kulloinkin tekee. Käytä aikaleimatietoja päättelyn apuna.

```
-----
SAPI TEI CR Type  Ns Nr PF FCS  Lng  SAPI TEI CR Type  Ns Nr PF FCS  Lng
PD F CallR  Message-Type                PD F CallR  Message-Type
-----  NT -----                        TE -----
```

```
[2000 Feb 08 12:46:29.8615] |
0 127 1 UI OK 18 | 1
08 0 01 SETUP
```

```
[2000 Feb 08 12:46:29.9110] |
63 127 0 UI OK 8 |
OF - 00 ILLEGAL MESSAGE TYPE
```

```
[2000 Feb 08 12:46:29.9295] |
63 127 1 UI OK 8 | 2
OF - 00 ILLEGAL MESSAGE TYPE
```

```
[2000 Feb 08 12:46:29.9340] |
0 71 0 SABME * OK 3 |
```

```
[2000 Feb 08 12:46:30.0035] |
0 71 0 UA * OK 3 | 3
```

```
[2000 Feb 08 12:46:30.0120] |
0 71 0 INFO 0 0 OK 8 |
08 1 81 ALERTING
```

```
[2000 Feb 08 12:46:30.0220] |
0 71 0 RR 1 OK 4 |
```

```
[2000 Feb 08 12:46:40.0215] |
0 71 0 RR 0 * OK 4 |
```

```
[2000 Feb 08 12:46:40.0300] |
0 71 0 RR 1 * OK 4 | 5
```

```
[2000 Feb 08 12:46:50.0265] |
0 71 0 RR 0 * OK 4 |
```

```
[2000 Feb 08 12:46:50.0350] |
0 71 0 RR 1 * OK 4 |
```

```
[2000 Feb 08 12:46:50.1025] |
0 71 0 INFO 1 0 OK 18 |
08 1 81 CONNECT
```

```
[2000 Feb 08 12:46:50.1115] |
0 71 0 RR 2 OK 4 |
```

```
[2000 Feb 08 12:46:50.1650] |
0 71 1 INFO 0 2 OK 8 | 6
08 0 01 CONNECT ACKNOWLEDGE
```

```
[2000 Feb 08 12:46:50.1705] |
0 71 1 RR 1 OK 4 |
```

```
[2000 Feb 08 12:47:00.1610] |
0 71 0 RR 1 * OK 4 | 7
```

```
[2000 Feb 08 12:47:00.1695] |
0 71 0 RR 2 * OK 4 |
```

```
[2000 Feb 08 12:47:01.0435] |
0 71 0 INFO OK 12 |
08 1 81 DISCONNECT
```

```
[2000 Feb 08 12:47:01.0525] |
0 71 0 RR OK 4 |
```

```
[2000 Feb 08 12:47:01.1710] |
0 71 1 INFO OK 8 | 8
08 0 01 RELEASE
```

```
[2000 Feb 08 12:47:01.1770] |
0 71 1 RR OK 4 |
```

```
[2000 Feb 08 12:47:01.1840] |
0 71 0 INFO OK 8 |
08 1 81 RELEASE COMPLETE
```

```
[2000 Feb 08 12:47:01.1925] |
0 71 0 RR OK 4 |
```

```
<< END of Monitoring >>
```

SAPI = 0 Q.931
SAPI = 63 Layer management