Installation of the modem 537ep (ctx 603) under Mandriva2006

Requirements:

- driver for the modem 537ep (**version 2.70.95.0**) of Intel. Look at http://developer.intel.com/design/modems/support/drivers.htm for downloading.
- Login as ***root*** and work with *console*
- You have to install the packages ***kernel-source*** (adequate to your kernel version) and ***kdenetwork-kppp*** for KPPP

Installation:

1. Copy the driver **intel-537****.tgz** into the directory ***/usr/src***.
2. Go into this directory */usr/src*
3. Unzipped the driver with the command ***tar* – intel-537****.tgz**
4. This will create the a new directory called *intel-537EP*****
5. Change into this directory.
6. Set the commands
   make clean
   make 537
   make install
   If you get the error "make command not found" install the kernel-sources!
7. Now you can find the device 537 at /dev. The driver also creates a link from /dev/modem to /dev/537 for using KPPP.

Configuration:

1. *MINICOM:*
   minicom is not a package of the standard installation and has to be installed additional. Start the program with the command *minicom –s.* With the arrow keys and the return taste go to "*serial port setup*" and change the entry for *A* into */dev/modem* and for *E* into *115200 8 n 1* . Change these settings with "*save setup as dfl*" and click on "*exit*". Now the terminal program is starting and you can communicate with modem with at commands. Check the country settings with ***ATI12*** and change it with the command ***AT+GCI=xx*** (xx= B4 for UK, 7B for the Netherlands, 3D for France, B5 for USA).

0A	AUT (43) Österreich – Austria
31	DNK (45) Dänemark – Denmark
3D	FRA (33) Frankreich – France
04	DEU (49) Deutschland – Germany
7B	NLD (31) Niederlande – The Netherlands
A6	CHE (41) Schweiz – Suisse
B4	GBR (44) Großbritanien – United Kingdom
B5	USA

   Now try to make a connection with the command ***ATDT[phone number of a provider]****[enter]*.

2. *KPPP connection*:
   to configure a KPPP connection look at your distribution manual. Check the modem init. It should be AT&F.