



## Software Release Note for Step1

### AT Version V529B

Update 15/02/02

## Beta lite GPRS release – Not fully validated -

### Features

- ➔ class B class 2 with basic support of PBCCH.
- ➔ improved support of mobility (slow moving situations), low field-strength conditions and loss/recovery of coverage.

### Missing Features

- ➔ MF3-no support for BTS power control mode
- ➔ MF4-no support for NCx modes
- ➔ MF5-no support for EMx modes
- ➔ MF6-no support for anonymous access
- ➔ MF7-no support for SMS over GPRS
- ➔ MF8-no support for LLC Ack mode
- ➔ MF9-no support for RLC UnAck mode
- ➔ MF10-no support for RLC UnAck mode
- ➔ MF11-no support for SPLIT\_PG\_CYCLE on CCCH (however optional)

### Corrected problems (CP) / Changes in the AT command interface (CAT)

- ☑ CP1- Mobility issue: cell changes during data transfert may cause the MS to stop transferring.
- ☑ CP2- File upload fails with IP frames larger than 1000 bytes. Under Windows 9x, be sure to select small- or medium-sized IP frames. See Dialup adapter setup. (default is small).
- ☑ CP3- ATD\*98\*x# is no longer in line with SMG32 R97 GSM 07.60 which has defined \*99...# for GPRS dialout.
- ☑ CP4- Transfert may stop in low field strength conditions when ciphering is turned on.
- ☑ **CAT1 – ATD\*99\*\*\*x# (x is the cid) is now used for GPRS dialing**  
This is to be in line with latest R97 specifications.
- ☑ **CAT2 – automatic GPRS attach is no longer performed at power-on**  
This is to be in line with some operator's requests.

### Known bugs

- ☑ KB2- Entering AT+COPS=? to search for networks while in transfert hangs the module
- ☑ KB3- ATD\*99# is not yet supported (for activating a session without user-defined context)



KB4- PPP server in passive mode (rather a feature than a bug). So if PPP client is also in passive mode then PPP negotiation won't start.

