

Software Release Note for Step2

AT Version V411

Update 04/12/00

New features

- **NF1**-Network deregistration (AT+COPS=2)
- **NF2**-New Wavecom indication (+WIND: 9) when audio are opened (AT+WIND)
- **NF3**-SMS change status (AT+WUSS)
- **NF4**-Network availability status request (AT+WSTR=2)
- **NF5**-Replace short message management

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

Preliminary remark : The former bug identification refers to Release Note Step 2 (V410a)

- ☑ **CP1** When entering AT+CMGS=<Phone Number> followed by " ; ", the SMS is sent correctly without error response (Former Bug Reference : KB 1)
- ☑ **CP2** AT+COPS in manual mode just after entering PIN code answers +CME ERROR 515 (Former Bug Reference : KB 4)
- ☑ **CP3** AT+CNMA : construction of the optional PDU is correct. (Former Bug Reference : KB 12)
- ☑ **CP4** +STIN: 98 indication is now correct. (Former Bug Reference : KB 13)
- ☑ **CP5** USSD : right behaviour on receipt of USSD with DCS not supported. (Former Bug Reference : KB 14)
- ☑ **CP6** AT+CPBF: Returns " +CME ERROR: 3 " when entry is not found. (Former Bug Reference : KB 17)
- ☑ **CP7** On Setup Call with Sim toolkit, if refused by user, all Sim Toolkit are working. (Former Bug Reference : KB 18)
- ☑ **CP8** No reset after AT+CPBR with high capacity SIM cards.
- ☑ **CP9** Power-off is possible before " +WIND: 4 " indication.
- ☑ **CP10** " + CSSI: 5" indication when an SS notification is received.
- ☑ **CP11** When the modem is switched off, if the SIM is removed and the phonebook content changed, then when the SIM is put back and the modem power on, the new content is OK.
- ☑ **CP12** When the ME is unregistered with a AT+COPS=2 command, AT+CREG returns +CREG:0,0.
- ☑ **CP13** SIM removal is OK just after PIN code insertion.
- ☑ **CP14** In data com, the modem receives "CONNECT 4800....NO CARRIER", in the right order and is not blocked.
- ☑ **CP15** DTMF are allowed when TCH is assigned with a progress indicator.
- ☑ **CP16** When activating AT+ILRR=1 (local rate reporting), while in autobauding, the local rate is correctly displayed.
- ☑ **CP 17** AT+CKPD and ATD**04*oldpin*newpin*newpin# with bad "oldpin" value returns " +CME ERROR: 16 ".
- ☑ **CP 18** Bearer capabilities in Emergency setup message are correctly encoded.
- ☑ **CP 19** When echo cancellation 2 is activated, after AT+VIP=1 and AT+CFUN=1, factory settings (voice parameters) are correctly restored.
- ☑ **CP 20** Hold/retrieve command after an explicit call transfer request is now possible.

- ☒ **CP 21** After a ATD>"ZWXYAB" command, the command ATDL displays the number allocated to this name.
- ☒ **CP 22** When CLIP is activated, deleting phonebook entry after an incoming call is OK.
- ☒ **CP 23** It's possible to enter phonebook item name starting with alpha-string "80", "81" or "82" and followed with no hexadecimal characters (Not assumed as bad UCS2 string as in v410a).
- ☒ **CP 24** SIM Insert/Remove management has been improved.

Known bugs

Preliminary remark : The former bug identification refers to Release Note Step 2 (V410a)

- ☑ **KB 1-** In case of non authorised registration (+CREG: 3, registration denied), a +CREG: 2 indication is sent (Former Bug Reference : KB 2).
- ☑ **KB 2-** Commands of more than 392 characters crash the module (Former Bug Reference : KB 3)
- ☑ **KB 3-** With a concatenated command line greater than 286 characters, the module only handles the first command (Former Bug Reference : KB 5).
- ☑ **KB 4-** AT+CPINC with a phase 1 SIM card returns random values for PIN2, PUK1 and PUK2 remaining attempts (Former Bug Reference : KB 6).
- ☑ **KB 5-** AT+CSSN=1,1: when the call is a CUG call (incoming or outgoing), no +CSSI, +CSSU indications are sent (Former Bug Reference : KB 7).
- ☑ **KB 6-** Even with FDN active, it's always possible to send SMS (Former Bug Reference : KB 8).
- ☑ **KB 7-** AT+CKPD : Interrogation of Call Forwarding Unconditional with multiples classes does not return the status for all classes. (Former Bug Reference : KB 9).
- ☑ **KB 8-** When listing SMS-CB with RAM storage, indications are sometimes buffered on the V24 link for a few seconds. (Former Bug Reference : KB 10).
- ☑ **KB 9-** AT+CSQ : value returned is under-evaluated when network is performing downlink DTX (Former Bug Reference : KB 11).
- ☑ **KB 10-** Current time is not initialised with value "98/01/01,00:00:00". (Former Bug Reference : KB 15).
- ☑ **KB 11-** Need to wait (approx. 500ms) between any changes of framing or speed before sending following AT command. (Former Bug Reference : KB 16).
- ☑ **KB 12-** On some networks it is impossible to put on hold a call which is held by the remote. (Former Bug Reference : KB 19).
- ☑ **KB 13-** Just after AT+CLCK="FD",1,xxxx (FDN activation), it is possible to select MT phonebook (ADN + FDN). After reset or SIM remove/insert, all is OK.

Design Features

- ☑ **DF1-** It is possible to change the PIN2 value even if SIM PIN2 is required and has not been entered.
- ☑ **DF2-** When AT+CFUN=1 is issued right after CPBW cycles, some phonebook indexes might be lost
- ☑ **DF3-** When in Auto-Bauding mode, after issuing AT+CFUN=1 the module sends dummy characters (except if serial speed is 9600 bps, module sends OK and get resynchronised on the next AT command)
- ☑ **DF4-** With AT+CCED=1,8, the +CSQ responses (in idle mode) give a <ber> value of 99. When interrogating the value with AT+CSQ? the response is different from 99.
- ☑ **DF5-** When using AT+CBST=<74, 75 or 79> the module answers OK even if the indicated speed is not supported and negotiated to 9600
- ☑ **DF6-** AT+CMUT can only be activated during communication
- ☑ **DF7-** When an SMS is stored in SIM (with AT+CMGW) and is sent with AT+CMSS, its status does not switch from STO UNSENT to STO SENT
- ☑ **DF8-** When reading an SMS with unknown DCS (" reserved " or " UCS2 "), in text mode the text includes " DCS format error " . In PDU mode the octets located after TP_UDL are not displayed.
- ☑ **DF9-** Phonebook sorting is case sensitive
- ☑ **DF10-** AT&D2 : even when DTR signal is low, automatic answers are always permitted
- ☑ **DF11-** When switching to ONLINE mode, the module sends the " CONNECT xxx " indication after the rising edge of the DCD (CT 109) signal.
- ☑ **DF 12-** After a CCFC interrogation, the module displays the result in the same order as received from the network.
- ☑ **DF 13-** The following commands can not be concatenated : ATH, AT+CLCC, AT+WAC, AT+CFUN, AT+CPAS