

Programming AirLink PinPoint CDMA modem to work with the DataNet System
(Version 3)

A PinPoint modem can be configured to send either TAIP or RAP data packets.
Currently, the DataGate server software only supports the TAIP format.

- 1) ATMD0 (startup in normal mode)
- 2) ATSO=0 (disable TCP answer)
- 3) ATS82=0 (disable UDP answer)
- 4) ATDTRP=0 (ignore DTR for power control)
- 5) ATVLTG=x (enter low power mode when battery voltage < x/10 V) 0=disable
- 6) ATPTMR=x (power down x minutes after low power mode triggered)
- 7) AT\ACEPW=xxx (replace xxx with password for remote access)
- 8) AT*DTRI=0 (disable DTR as event input)
- 9) AT*RTSI=0 (disable RTS as event input)
- 10) AT*MSCIUPDPERIOD=0 (disable modem status updates)
- 11) AT*PPDEVID=1 (send device ID with GPS reports)
- 12) AT*PPDIST=x (send GPS every x*100 metres)
- 13) AT*PPTIME=x (send GPS every x seconds)
- 14) AT*PPLATS=0 (disable local reports)
- 15) AT*PPGSR=F0 (report using TAIP protocol)
- 16) AT*PPIP=serverIPAddress (send GPS reports to server)
- 17) AT*PPPORT=9000 (port to send GPS reports to)
- 18) AT*DPORT=9000 (port to send data from)
- 19) AT*PPMINTIME=x (at least x seconds must pass between sending GPS)
- 20) AT*PPODOM=0 (disable odometer reporting)
- 21) AT*PPSNF=1 (enable GPS store and forward)
- 22) AT*PPSNFB=0 (normal store and forward behaviour)
- 23) AT*PPSNFR=0 (turn off ACKs)
- 24) AT*PPTSX=x (send reports every x minutes when stationary)
- 25) AT*TPORT=2332 (confirm default port for remote access)
- 26) AT+CTA=2 (release RF channel 2 seconds after sending data)
- 27) AT*PPTAIPID=xxxx (4 digit ID – must be configured in DataGate server)
- 28) AT&W (save settings)
- 29) AT*NETOK (check network)