



Technical Tip 16

SMS Comfort AError State

An AT command is finished (with "OK" or "ERROR")

19/11/2007 Date	16:49:55 time	(2) (com port)	GSM GSM,	> direction < >	OK command or reply
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17-10-2006 13:46:56 GSM < AT+CPIN?  
17-10-2006 13:46:56 GSM > +CPIN: READY  
17-10-2006 13:46:56 GSM > OK  
17-10-2006 13:46:57 GSM < AT+CSCA?  
17-10-2006 13:46:57 GSM > +CSCA: "+31653131313",145  
17-10-2006 13:46:57 GSM > OK  
17-10-2006 13:46:57 GSM < AT+CMGF=1  
17-10-2006 13:46:57 GSM > OK  
17-10-2006 13:46:57 GSM < AT  
17-10-2006 13:46:57 GSM > OK  
17-10-2006 13:46:57 GSM < AT+CMGL="REC READ"  
17-10-2006 13:46:57 GSM > OK  
17-10-2006 13:46:57 GSM < AT+CMGL="REC UNREAD"  
17-10-2006 13:46:57 GSM > OK  
17-10-2006 13:46:57 GSM < AT+CMGS="+31653521329,145  
17-10-2006 13:46:57 GSM >  
17-10-2006 13:46:58 GSM >  
17-10-2006 13:46:58 GSM > ERROR  
17-10-2006 13:46:58 Error: AError 17 ERROR (AError "AT SmsState" ERROR)
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AT SmsState 17 = stSending state: Just send the SMS to the Mobile device.



“AT SmsState” = XX = stat of action

0 = stATF	= AT&F Set all current parameters to manufacturer defaults just sent
1 = stATE0	= ATE0 Enable command echo just sent
2 = stATI	= ATI Display product identification information just sent
3 = stATGSN	= AT+GSN Request TA serial number identification(IMEI) just sent
4 = stATCPMS1	= AT+CPMS Preferred SMS message storage "MT""MT""MT" just sent
5 = stATCPMS2	= AT+CPMS Preferred SMS message storage "SM""SM""SM" just sent
6 = stATCSQ1	= AT+CSQ Signal quality just sent (always after AT+CPMS)
7 = stATCSQ2	= AT+CSQ Signal quality just sent
8 = stATPIN1	= AT+CPIN Enter PIN just sent (is PIN code required)
9 = stATPIN2	= AT+CPIN Enter PIN just sent (enter PIN code)
10 = stATPIN3	= AT+CPIN Enter PIN just sent (check if PIN code is OK now)
11 = stATCSCA	= AT+CSCA SMS service centre address just sent
12 = stATCMGF	= AT+CMGF Select SMS message format just sent
13 = stATDummy	= AT just sent (for future commands)
14 = stATCMGL1	= AT+CMGL List SMS messages from preferred store just sent
15 = stATCMGL2	= AT+CMGL List SMS messages from preferred store just sent
16 = stATCMGD	= AT+CMGD Delete SMS message just sent
17 = stSending	= SMS Send to mobile device
18 = stReady	= Ready state of mobile device

just sent = left the Software to the mobile device (modem)