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## 1.2 General Enhancements

Enh. : Enhancement  
New : New Feature  
Fix : Bug Fixing

Type	Description	Product affected
Fix	Improvement on the handling of IMSI Attach and Normal Location Updating procedures during a network registration, according to SIM Card and selection parameters (3GPP TS 24.008)	ALL
Fix	Character set 8859-1 conversion table: GSM char 0x0F was converted to "yen" instead to "ã"	ALL
Fix	Improvement on the handling of the DNS set by AT#DNS after AT+CGDCONT	ALL
Fix	Fix on encoding/decoding of 0xFF TON/NPI in phonebook SS strings like *#21#	ALL
Fix	AT#CSURVC with AT#CSURVEXT=2	ALL
Fix	When a ringtone is generated with AT#SRS on one CMUX instance while AT#SKTD is executed on another CMUX instance , the ringtone is played after AT#SKTD result code (CONNECT or ERROR), and with a different melody and time-out	ALL
Fix	Alignment of AT#CGPADDR to AT+CGPADDR in case of no cid defined	ALL
Fix	AT#SRECV doesn't show 0x00 character	ALL
Fix	Connection negotiation handling using WinFax	ALL
Enh	Updated the list of PLMN names according to AT&T requirements	ALL
Fix	#RSEN command improvement	ALL
Fix	Handling of text sms including carriage return improvement	ALL
New	Enabled DigitalAudioInterface DVI	GM862-QUAD GM862_PY
Fix	(SPECS) AT+CSMS doesn't work properly	ALL
Enh	ens = 1 now don't change the #SMSMODE setting	ALL
Enh	AT+CGDCONT=<cid> on active context handling improvement	ALL
Fix	The firewall was not cleared in case of connection timeout.	ALL
Fix	AT#V24CFG=? Answer was #V24CFG: (0-3),(0-1). Now it has been substituted by ....,(0,1) to make it equal to the other at comands' answers	ALL
Fix	Python Memory handling when reading files bigger than 8192	PY products
Fix	Fix on sending PDU SMS if length is different from written bytes	ALL
Fix	Fix on at#sl=1,0 on suspended socket	ALL
Fix	Fix on at#sgact=1,0 during a voice call	ALL
Fix	Improvement on the handling of remote hung up of pending call before it was accepted	ALL
Fix	AT#SD with a socket in LISTEN	ALL
Fix	Fix on AT#SS syntax	ALL
Fix	Missing NO CARRIER unsolicited after remote socket closure when CD high	ALL
Fix	Immediate NO CARRIER on data transfer if packet size PKTSZ=1500 for UDP	ALL





Type	Description	Product affected
	extended to next commands	
Enh	Improvement on FTP for responses after timeout	ALL
New	With SMSMODE=1 the concatenated SMS are sent with 16 bit message reference	ALL
Fix	'+++\' escape sequence and abort were not handled properly in fax call	ALL
Fix	If AT#GAUTH=3 and the Auth Protocol suggested by the host is not supported by the module, the module suggests PAP	ALL
Fix	AT commands AT#USERID and AT#PASSWD Username and password weren't properly handled when CMUX ports > 0 and old IPeasy commands. Now, the username e pwd are the same for all the sockets associated to a cid.	ALL
New	AT\$GPSx optimization	GE863_GPS GM862_GPS
Fix	Echo improvements on serial port handling	ALL
Fix	Improvement on AT\$GPSS command switching off the module	GE863_GPS GM862_GPS
Fix	Corrected answer to AT+IPR=?	ALL
Fix	Improvement on the power saving mode handling after rceiving CONNECT message	ALL
Fix	Fix for double OK in AT+CPOL command	ALL
Fix	When ATA is issued after RING which comes from a DATA call, the module stays in command mode (e.g. you can even issue ATH in that moment and connection will be dropped).	ALL
Fix	Bug fixing for MDM.send('+++',0) followed by MDM.receive(100)	PYand GPS products
Fix	Allowed values of speed for CBST command do not include 8 (the AT+CBST=8,0,x setting shall return ERROR)	ALL
Fix	Improvement on CSD call con Vodafone DE	ALL
Fix	Improvements in multisocket	ALL
Fix	Fix on Event Download management: the Location Status is required afterwards a registration or a cell reselection regardless of Network Operation Mode (NOM)	ALL
Fix	Fix on Operator Name management (Cingular requirements): if Country Initials (CI) element in Network Name IE is enabled, the MS has to include the CI (and separator) to the text string. In particular, for the MCC range 310-316, the Country Initials "US" instead of "USA" must be used	ALL
Fix	Added missed storing of last connection end cause after ATH	ALL
Fix	Corrected AT+CSDH=<CR> behaviour: command answer is still OK but parameter is not changed	ALL
Fix	Improvement for USSD error indication when SS error indication is received from network in response to AT+CUSD command	ALL
Enh	Linger time FTP: socket closure behaviour	ALL
Enh	NVM space reduced to 2MB	PY and GPS
New	New AT command AT#ICMP	ALL
New	Added support for Explicit Call Transfer (ECT)	ALL
New	AT\$GPSPAR	GE863_GPS GM862_GPS
New	Execution command for AT#NWSCANTMR	ALL
Fix	Improvement in FDN enabling/disabling when CPBS phonebook at power on is LD, MC or RC.	ALL







