BASIC "AT" COMMAND SET

Command			Function & Description	Ref.
<any key>			Terminate current connection attempt when entered in handshaking state	
+++			Escape sequence code, entered in data state, wait for modem to return to command state	
ATA			Force answer mode (see also S39b2, S43b6) For ISDN, send a CONNECT message to network, and connect the B Channel	
ATBn			Handshake option for DTE channel 0	S28b7
	B0	*	Select ITU-TSS V.22 for 1200bps communication	
	B1		Select Bell 212A standard for 1200bps	
ATBnn			When ATZIn is not set, ATBnn value in channel 2 will be used as the default protocol for answering ISDN data call	
ATB0n			X.75 Teleservice for channel 1-2	S19,S103 S105
	B00		X.75 Transparent	
	B01		X.75 T.70	
ATB1n			Select V.110 for communication and configure User Rate at:	
	B10	&M0	When used with &M0 (Async. mode), V.110 User Rate will follows DTE speed	
	B11		V.110 user rate = 64000bps (sync. only)	
	B14		V.110 user rate = 4800bps	
	B15		V.110 user rate = 9600bps	
	B16		V.110 user rate = 14400bps	
	B17		V.110 user rate = 19200bps	
	B18		V.110 user rate = 38400bps (async. only)	
ATB2			Select V.120 for communication	
ATB3			Select Analog Adaptor for communication	
ATB4n			Select async. to sync. HDLC conversion for communication	
	B40		HDLC async to sync conversion for PPP	&N74, &N75
	B41		HDLC async to sync conversion for SLIP	&N76, &N77
ATCBn			Configuration of embedded protocol analyzer	S110b10
	CB0	*	Disable the capture of B channel protocols	
	CB1		Enable the capture of B channel protocols	
ATCCn			DTE-DCE configuration of embedded protocol analyzer	S110b
	CC0	*	Disable the capture of DTE-DCE interface protocols	
	CC1		Enable the capture of DTE-DCE interface protocols	
ATCDn			Configuration of embedded protocol analyzer	S110b2
	CD0	*	Disable the capture of D channel protocols	
	CD1		Enable the capture of D channel protocols	
ATCK<DES_key>			Set the key for DES (Data Encryption Standard)	
ATCLn	n=0-2048		Maximum size of user data in a packet (number of bytes)	
ATCL?			Inquire current setting of ATCLn	
ATCPn			Loopback 4 control	
	CP0	*	Disable Loopback 4	
	CP1		Enable Loopback 4	
ATCRn	n=0-3	*0	Resumes a previously suspended call, n is the call identifier (for Europe)	
ATCSn	n=0-3	*0	Suspend a call, n is the call identifier (for Europe)	

Command			Function & Description	Ref.
ATCT			Clear data buffer, reset timer and start the embedded protocol analyzer capturing data in enabled channel(s)	
ATC$			Invoke the interpretation function of the embedded protocol analyzer and output the results on DTE	
ATD<options>			Dial <number and options> that follows (see also S38b0, S35b4); Digits and modifiers that can be used with the "D" command:	
	0-9,#,*		Digits for dialing	
	P		Pulse dial	S23b1
	T		Tone dial	S23b1
	,		Pause for a time specified in S8	
	;		Return to command state after dialing	
	!		Hook flash, call transfer (see also S56)	
	W		Wait for a second dial tone (see also S6)	
	@		Wait for a 5-second silence before proceeding, otherwise return "NO ANSWER"	
	R		Reverse dial (go on-line in ANSWER mode)	S17b5
<ISDN options>			ISDN specific options of S:	
	I		ISDN call	
	M		Modem call	
	Y0	*	Unknown type of number	
	Y1		International number	
	Y2		National number	
	Y3		Network specific number	
	Y4		Subscriber number	
	Y6		Abbreviated number	
	Z0	*	Type of sub-address - NSAP with AFI=$50, IA5 characters	
	Z2		Type of sub-address - user specified, IA5 characters	
	N0	*	Unknown numbering plan	
	N1		ISDN/Telephony numbering plan (ITU-TSS E.164/E.163)	
	N3		Data numbering plan (ITU-TSS X.121)	
	N8		National standard numbering plan	
	N9		Private numbering plan	
	/		Called party sub-address delimiters	
	A		Don't care (no Called-Party-Number information element in the output SETUP message)	
ATDL			Dial the last dialed number with options issued with:	
ATDSn	n=0-39		Dial number stored in NVRAM at position n (0-39) (see also S44b3)	
ATEn			Command mode local echo of keyboard commands	S23b0
	E0		Echo off	
	E1	*	Echo on	
ATH			Hang up (on-hook)	
ATIn			Display inquiry information	
	I0		Display product code	
	I1		Display product information and results of ROM checksum	
	I2		Display Link Status report	
ATLn	n=0-7	*4	Speaker volume control	S24b5-7
ATMn			Speaker control	
	M0		Speaker always Off	S21b1
	M1	*	Speaker On until carrier is detected	
	M2		Speaker always On	
	M3		Speaker On after last digit dialed, Off at carrier detected	
ATNn	n=0-15	*10	Ring volume control, n=0 disables the ring function	S24b1
ATOn	O0		Return to on-line state	
	O1		Return to on-line state and force modem to request retrain	

Command			Function & Description	Ref.
ATPn			D-channel protocol selection	S118
	P0	*	Northern Telecom proprietary ISDN	
	P1		National ISDN 1 (Custom proprietary)	
	P4		AT&T proprietary point-to-point	
	P5		AT&T proprietary point-to-multi-point	
ATQn			Result code displayed	S23b6
	Q0	*	Modem returns result code	
	Q1		Modem does not return result code	
	Q2		Quiet in answer mode only (will not show ATI or AT&Vn)	S40b1 S42b2
ATSr.b=n			Set bit .b of S-register r to n (0/off or 1/on)	
ATSr.b?			Display value of bit 'b' of S-register 'r'	
ATSr=n			Set S-register r to value n, n must be a decimal number between 0-255	
ATSr?			Display value stored in S-register r	
ATSPIDn=<SPID>			User enters Service Profile ID <SPID>	
	SPID0=<..>		First SPID number	
	SPID1=<..>		Second SPID Number (if any)	
ATS$			S-register command summary help	
ATT			Repeat last user-to-user information	
ATTn<string>			The <string> will be sent to the called party via an user-to-user information element in the next message. Characters other than the alpha-numerical values can be represented by 'nnn' in the string, where nnn is the unsigned value of the character. The maximum number of characters in the string is 31 for ETSI.	
	T0		User-specific protocol	
	T1		OSI high layer protocol	
	T2		X.244	
	T3		Reserved for system management convergence function	
	T4	*	IA5 characters	
	T7		ITU-TSS-TS Recommendation V.120 rate adaptation	
	T8		Q.931 user-network call control message	
ATUPX			Upload firmware from DTE to the Flash EPROM using XModem protocol	
ATVn			Verbal/Numeric result codes	S23b6
	V0		Display result codes in numeric form (see also S35b7)	S35b7
	V1	*	Display result codes in verbose form	
ATXn	n=0-7	*5	Result code options, see the Options Table	S23b3-5
AT$			Help, Basic command summary	
AT&$			Help, Extended Ampersand command (AT&) summary	
AT*$			Help, Extended, Star, command summary	

EXTENDED "AT&" COMMAND SET

Command			Function & Description	Ref.
AT&Cn			Carrier Detect (CD) options	
	&C0		CD signal always On	
	&C1	*	CD tracks presence of carrier (see also S38b6, S42b7)	
AT&Dn			Data Terminal Ready (DTR) options (see also S25)	
	&D0		Ignore DTR signal, assume DTR is always On (see also S23b1)	
	&D1		108.1, DTR off-on transition causes dial of the default number (see also 'AT*Dn' and S48b4)	
	&D2	*	108.2, DTR Off causes the modem to hang up.	
	&D3		Same as &D2 but DTR Off causes the modem to hang up and reset to profile 0	
	&D4		Assume DTR is always on, DTR On-Off transition causes all DTE channels return to command state	
AT&En			B channel line speed	S115b3
	&E0	*	64Kbps	
	&E1		56Kbps	
AT&F			Load Factory setting into RAM as active configuration	
AT&Hn			Data flow control, DTE/DCE S27b3-5	S27b3
	&H0		Flow control disabled	
	&H3	*	Hardware (CTS/RTS) flow control	
	&H4		Software (XON/XOFF) flow control	
AT&Jn			B channel bundling protocol negotiation	S102b7
	&J0	*	No bundling protocol will be negotiated	
	&J1		Enable bundling protocol negotiation, for V.120 or X.75 only	
AT&Kn			Error control and data compression; for DTE channel 0	S27b0
	&K0		No error control	
	&K1		MNP4+MNP3 for modem	
	&K2		MNP4+MNP5 for modem, LAPD error control for V.120 and X.75	
	&K3	*	V.42+MNP4 for modem	
	&K4		V.42bis for modem and V.120, X.75	
AT&Ln			Modem and Analog Adaptor address ambiguity resolution in answering mode when AT&ZIn is not set or same value(s) is(are) set for both analog channels	S110b5
	&L0		Analog Adaptor (CH 3) has higher priority	
	&L1		Fax/Modem (CH 0) has higher priority	
AT&Nn			Data link mode option, DCE to DCE	
	&N0	*	Multi-Auto, auto negotiate highest possible link rate V.34, ZyX 19200 (Plus models only), ZyX 16800, V.32bis, V.32, V.22bis, V.22 and Bell 212A, G3 Fax	S38b4 S43b0 S43b1
	&N3		V.32 - 9600T, 9600, 7200T, 4800	
	&N4		V.32 - 9600, 7200T, 4800	
	&N5		V.32 - 4800	
	&N14		V.22bis - 2400, 1200	
	&N15		V.22 -1200	
	&N16		V.21 - 300	
	&N17		V.32bis - 14400, 12000, 9600, 7200 4800	
	&N18		V.32bis - 12000, 9600, 7200 4800	
	&N19		V.32bis - 7200 4800	
	&N24		BELL 212A - 1200	
	&N25		BELL 103 - 300	
	&N32		FAX - 14400, 12000, 9600, 7200, 4800, 2400	

Command		Function & Description	Ref.
	&N34	ZyXEL 19200	
	&N35	ZyXEL 16800	
	&N36	ZyXEL 14400	
	&N37	ZyXEL 12000	
	&N38	ZyXEL 9600	
	&N39	ZyXEL 7200	
	&N60	V.120 64000	
	&N61	V.120 56000	
	&N62	X.75 64000 Transparent (V.34 28800)	
	&N63	X.75 56000 Transparent (V.34 26400)	
	&N64	X.75 64000 T.70 (V.34 24000)	
	&N65	X.75 56000 T.70 (V.34 21600)	
	&N66	Reserved (V.34 19200)	
	&N67	Resersed (V.34 16800)	
	&N68	Reserved (V.34 14400)	
	&N69	Reserved (V.34 12000)	
	&N70	Reserved (V.34 9600)	
	&N71	Reserved (V.34 7200)	
	&N72	Reserved (V.34 4800)	
	&N73	Reserved (V.34 2400)	
	&N74	HDLC async. to sync. conversion 64K for PPP	B40
	&N75	HDLC async. to sync. conversion 56K for PPP	
	&N76	HDLC async. to sync. conversion 64K for SLIP	B41
	&N77	HDLC async. to sync. conversion 56K for SLIP	
	&N78-&N90	Reserved	
AT&On		Select the active DTE channel	S100
	&O0	Select DTE Channel 0 (fax/modem)	
	&O1	Select DTE Channel 1 (ISDN B)	
	&O2	Select DTE Channel 2 (ISDN B)	
	&O3	Select DTE Channel 3 (Analog Adapter)	
AT&Sn		Data Set Ready (DSR)	S21b3
	&S0 *	DSR overridden, DSR always on	
	&S1	According to ITU-TSS, modem controls DSR	
AT&Tn		ISDN/Modem testing	
	&T1	Initiate Loopback test	
	&T8	Initiate Loopback with self test	
AT&V		View current settings of the active DTE channel and common set	
AT&W		Write current settings to NVRAM for ISDN models, to profile #0 for non-ISDN models	S35b6
AT&ZIn=<number>		Assign the phone number (including sub-address, if any) for various B-channel protocols. In answer mode, the stored numbers will be used to compare with the received Called-Party-Number and Called-Party-Sub-Address information. The call will be accepted using the specific protocol if the assigned number of this protocol matches with the Called-Party-Number.	&L
	&ZI0=<..>	Assign the CPN for X.75 call	
	&ZI1=<..>	Assign the CPN for V.110 call	
	&ZI2=<..>	Assign the CPN for V.120 call	
	&ZI3=<..>	Assign the CPN for PPP async. to sync. HDLC call	
	&ZI4=<..>	Assign the CPN for SLIP async. to sync. HDLC call	
	&ZI6=<..>	Assign the CPN for internal fax/modem call	
	&ZI7=<..>	Assign the CPN for the Analog adapter information. (This is in a per-channel basis.)	
AT&Z?		Display the phone numbers stored in NVRAM	

EXTENDED "AT*" COMMAND SET

Command			Function & Description	Ref.
AT*Cn			Character length	S15b3-4
	*C0	*	10-bit character length	
	*C1		11-bit character length	
	*C2		9-bit character length	
	*C3		8-bit character length	
AT*Dn	n=0-9	*0	Set default dial pointer at telephone directory location n, use AT&Zn=s to store phone numbers (see also S35b4, S38b0, &D1)	S29bn
AT*En			Error control negotiation (for internal modem)	S21b0
	*E0	*	If error control negotiation fails, keep the non-control connection	
	*E1		If error control negotiation fails, terminate the call	

(*) Manufacturer default)Except when used to represent "AT" Commands)
Snnbx Cross reference to S-register number 'nn' bit number 'x'
Note: Refer to the Elite 2864 modem AT Commands for DTE channel 0 DTE channel 0 (Modem/FAX/Voice)

BASIC S-REGISTER "ATSn=x"

Command	Function & Description	Ref.
S0=	Set the number of rings on which the modem will answer automatically S0=0 disable auto-answer; the range of rings is country specific	+000
S1=	Count the incoming rings and store the value to this register, read only	+000
S2=	Set the ASCII decimal value for escape sequence character; the default character is '+', a value of 128-255 disables the escape code	+043
S3=	Set the ASCII decimal value of the Carriage Return character	+013
S4=	Set the ASCII decimal value of the Line Feed character	+010
S5=	Set the ASCII decimal value of the Backspace character; a value of 128-255 disables the Backspace key's delete function	+008
S6=	Set the number of seconds the modem waits before dialing if 'X0' or 'X1' is selected; if a setting of 'X2' to 'X7' is selected, the modem will dial as soon as it detects a dial tone; this register also sets the time-out interval for the 'W' dial modifier.	+003
S7=	Set the number of seconds the modem waits for a carrier	+060
S8=	Set the duration of delay generated by the comma (,) dial modifier; also set the pause between command re-execution for repeat (>) command, in unit of second	+002
S9=	Set duration, in tenths of a second, that the remote modem's carrier signal must be present before recognition (Ignored in non-FSK or half-duplex operation)	+006
S10=	Set duration, in tenths of a second, that the modem waits after loss of carrier before hanging up	+007
S11=	Set the duration and spacing, in milliseconds, in touch-tone dialing	+070

EXTENDED S-REGISTERS "ATSN=X"

Command				Function & Description	Ref.
S13=	bit	dec	hex	Bit-mapped register	+000
	1	2	2	Capture modem manufacturer information during V.42 handshake. Will be displayed in ATI2 'Last Speed/Protocol' line if available ('Flash' or 'ZyXEL' stands for ZyXEL connection)	
S14=	bit	dec	hex	Bit-mapped register	+002
	3,2			Reserved	
	5,4	0	0	Internal clock (Default)	&X0
		16	10	External clock	&X1
		32	20	Remote clock	&X2
S15=	bit	dec	hex	Bit-mapped register	+130
	1,0	0	0	Even parity	
		1	1	Odd parity	
		2	2	No parity (Default)	
	2	0	0	1 stop bit (Default)	
		4	4	2 stop bits	
	4,3	0	0	10-bit character length (Default)	*C0
		8	8	11-bit character length	*C1
		16	10	9-bit character length	*C2
		24	18	8-bit character length	*C3
	7-5	0	0	Profile 0 as active settings after power on	Z0
		128	80	Factory default as active settings after power on	Z4
S16=		dec	hex	Test status register	+000
		0	0	No test in progress (Default)	&T0
		1	1	Analog Loopback test in progress	&T1
		32	20	Local loopback test for V.42bis/DES/Bundle tests	
S19=		dec 0-	hex	ISDN/modem current/last connection mode, set by	+000
		49	0-31	AT&Nn or record last connection speed; same setting value as AT&Nn' command (for system use only)	&Nn
S20=		dec	hex	DTE speed, auto-detected from AT command	+001
		0	0	230400 bps	
		1	1	115200 bps (Default)	
		2	2	76800 bps	
		3	3	57600 bps	
		4	4	38400 bps	
		5	5	19200 bps	
		6	6	16800 bps	
		7	7	14400 bps	
		8	8	12000 bps	
		9	9	9600 bps	
		10	A	7200 bps	
		11	B	4800 bps	
		12	C	2400 bps	
		13	D	1200 bps	
		14	E	460800 bps	
		15	F	300 bps	
		16	10	307200 bps	
Note: Only the first 16 speeds are supported by auto speed detection.					
S21=	bit	dec	hex	Bit-mapped register	+178
	0	0	0	Maintain non-error control connection when error control handshake fails (Default)	*E0
		1	1	Drop connection if error control handshake fails	*E1
	2,1	0	0	Speaker always Off	M0

Command				Function & Description	Ref.
		2	2	Speaker On until carrier is detected (Default)	M1
		4	4	Speaker always On	M2
		6	6	Speaker On after the last digit is dialed out until carrier detected	M3
	3	0	0	DSR always On (Default)	&S0
		8	8	According to ITU-TSS (See also S44b4, S41b5)	&S1
	4	0	0	CD always On	&C0
		16	10	CD tracks presence of data carrier (See also S38b3) (Default)	&C1
	7,6	0	0	Ignore DTR signal, assume DTR always On	&D0
		64	40	108.1, DTR Off-On transition causes dial of the default number, DTR Off causes hang-up	&D1
		128	80	108.2 Data Terminal Ready, DTR OFF causes the ISDN modem to hang up and return to command state (Default)	&D2
		192	C0	108.2+Reset, DTR OFF causes the ISDN modem to hang up and reset the modem to profile 0	&D3
S23=	bit	dec	hex	Bit-mapped register	+105
	0	0	0	Command echo disabled	E0
		1	1	Command echo enabled (Default)	E1
	1	2	2	DTR On-Off transition causes all DTE channels to return to command state	&D4
	2	0	0	Insertion is not allowed during a phone call	
		4	4	Insertion is allowed during a phone call	
		8	8	ATX1	X1
		16	10	ATX2	X2
		24	18	ATX3	X3
		32	20	ATX4	X4
		40	28	ATX5, error control result code enabled (Default)	X5
		48	30	ATX6, error control result code enabled	X6
		56	38	ATX7, error control result code enabled	X7
	6	0	0	Display result codes in numeric format (see also S35b7)	V0
		64	40	Display result codes in verbose format (Default)	V1
	7	0	0	ISDN/modem returns result codes (Default)	Q0
		128	80	ISDN/modem does not return result codes (see also S40b1)	Q1
S24=	bit	dec	hex	Bit-mapped register	+138
	3-1	0-14	0-E	Ring volume control, increments of 2 in decimal value (Default: N5)	N0-7
	7-5	32-224	20-E0	Speaker volume control, increments of 32 in decimal value (Default: L4)	L0-7
S25=		dec	hex	DTR detection delay	+000
		0-255	0-FF	Specify the min. time that the DTR signal must be OFF in order to be detected. In units of 10 ms. If S25=0, the delay time is 4 ms.	
S26=		dec	hex	RTS/CTS delay.	+000
		0-255	0-FF	Set the delay, in 10 millisecond units, between the RTS and modem's CTS response in synchronous mode (see '&Rn' command)	&Rn
S27=	bit	dec	hex	Bit-mapped register	
	2-0	0	0	No error correction	&K0
		1	1	MNP4 for modem	&K1
		2	2	MNP4 + MNP5 for modem; LAPD error control for V.120 or X.75 (default for ISDN channel)	&K2
		3	3	V.42 + MNP4 for modem; LAPD error control for V.120 or X.75	&K3

Command				Function & Description	Ref.
		4	4	V.42 + V.42bis for modem; V.42bis for V.120 or X.75 (default for modem channel)	&K4
	3-5	0	0	Flow control disabled	&H0
		24	18	Hardware (CTS/RTS) flow control (Default)	&H3
		32	20	Software (XON/XOFF) flow control	&H4
S29=		dec	hex		
		0-49	0-31	Set default dial phone number pointer; use AT&Zn=<number> to store a phone number at address 'n'	+000 *Dn
S31=		0-255	0-FF	Holds the ASCII decimal value of the XON character	+017
S32=		0-255	0-FF	Hold the ASCII decimal value of the XOFF character	+19
S38=	bit	dec	hex	Bit-mapped register	
	0	1	1	Repeatedly dial the default number if not connected (see also S29)	*Dn
	3	8	8	DCD on/off sequence follows UNIX standard, DCD ON before connect message is sent. DCD OFF after last DCE response (see also S21b4)	&C1
	4	16	10	Auto-mode fax receiving disabled, used with &N0	
	5	32	20	Disable MNP5 negotiation, used with &Kn	
S40=	bit	dec	hex	bit-mapped register	+000
	1	2	2	No result code returned in answer mode	Q2
S41=	bit	dec	hex	bit-mapped register	+000
	0	1	1	Special MNP compatibility (see also S27b0, S38b5)	&Kn
	2	4	4	Disable retrain abort, up to 5 min. for special satellite line conditions	S27b6 *Qn
	3	8	8	Enable ITU-TSS (ITU-TSS) signals 140 and 141 on EIA-232D interface	
	4	16	10	In X2-X7 setting, the modem waits for number of seconds set in S6 before dialing, and it ignores the dial tone detection	
	5	32	20	DSR always On but pulse off for 0.5 sec on DCD On-Off transition	&Sn
	6	64	40	Don't answer on the 1st ring. Force S0>=2	S0
	7	128	80	Ignore calling tone, not to be used as fax detection	
S42=	bit	dec	hex	Bit-mapped register	+000
	3	8	8	Disable detection of escape sequence in answer mode	
	4	16	10	Disable V.17, 14,400 fax in calling mode, no effect to answering mode	&N32
	5	32	20	Disable DATA/VOICE button switch (for models with this switch)	
	6	64	40	Disable 'RINGING' result code	Xn
	7	128	80	DCD forced on but pulse off for 0.5 seconds at carrier loss	&C0
S43=	bit	dec	hex	Bit-mapped register	+000
	0	1	1	Disable ZyXEL 16800 in Multi-Auto mode	&N0
	1	2	2	Disable ZyXEL 19200 in Multi-Auto mode	
S44=	bit	dec	hex	Bit-mapped register	+000
	3	8	8	Enable cyclic dial with 'ATDSn' command (see also S38b0, &Zn)	DSn
	4	16	10	DSR follows DTR (see also S41b5)	&S1
S100=		dec	hex	Active DTE channel option	+002
		0	0	DTE channel 0 (modem/fax)	
		1	1	DTE channel 1 (ISDN B)	
		2	2	DTE channel 2 (ISDN B, default)	
		3	3	DTE channel 3 (Analog adapter)	
S102=	bit	dec	hex	Bundle and data encryption control	+000

Command				Function & Description	Ref.
	0	0	0	DES disabled	
		1	1	DES preferred	
	1	0	0	Single DES is preferred	
		2	2	Triple DES is preferred	
	2			Reserved	
	3	0	0	If DES link can not be established, keep the connection	
		8	8	Force DES connection	
	7	0	0	Disable Bundle connection negotiation	&J0
		128	80	Enable Bundle connection negotiation	&J1
S107=		dec	hex	To specify B channel Layer 3 protocol	
		0	0	Transparent (default)	
		5	5	T.70 NL	
		6	6	V.120	
S108=		dec	hex	To specify B channel Layer 2 protocol	
		0	0	ISO 7776 (X.75 SLP)	
		1	1	Transparent	
		5	5	HDLC async. to sync. conversion	
		7	7	LAPD according to Q.921 for V.120	
S109=		dec	hex	To specify B channel Layer 1 protocol	
		0	0	64K bps with HDLC framing	
		1	1	64K bps transparent operation with byte framing from the network	
		2	2	V.110 async operation with start/stop byte framing	
		5	5	64K bps inverted with HDLC framing	
		6	6	56K bps transparent operation with byte framing from the network	
S110=	bit	dec	hex	Bit-mapped register	+000
	0-2			Embedded protocol analyzer control	
	0	1	1	Capture DTE-DCE interface protocol information	CC1
	1	2	2	Capture B-channel protocol information	CB1
	2	4	4	Capture D-channel protocol information	CD1
	3	8	8	The results ofAT&Vn or inquiry of S-register values in hex format	
	5	0	0	Ambiguity resolution; Analog adaptor (CH 3) has higher priority	&L0
		32	20	Ambiguity resolution; fax/modem (CH 0) has higher priority	&L1
	6	0	0	CAPI 1.1a (1TR6 default)	
		64	40	CAPI 2.0 (DSS1 default)	
	7	0	0	DTE is configured as single stream	
		128	80	DTE is configured as multiple streams	
S114=		dec	hex	User High-Layer-Compatibility control	+000
		0	0	No High-Layer-Compatibility information element will be sent	
		1	1	Telephony	
		4	4	Facsimile Group 2/3	
		40	28	Teletex service (Rec. F.220)	
		49	31	Teletex service (Rec. F.200)	
		50	32	International interworking for video services (Rec. F.300 and T.110)	
		53	35	Telex service (Rec. F.60)	
		56	38	Message Handling System (MHS)(Rec. X.400 series)	
		65	41	OSI application (Rec. X.200 series)	
S118=		dec	hex	D channel protocol selection	+000
		0	0	Northern Telecom proprietary ISDN	
		1	1	National ISDN 1 (NI1)	

Command			Function & Description	Ref.
	4	4	AT&T proprietary point-to-point	
	5	5	AT&T proprietary point-to-multi-point	

In 'Reference' column, 'AT' is omitted when AT command is referred to:
=+nnn is manufacturer default when listed in Reference column.
bit S-register bit number, 'b', used in 'ATSr.b=n', 'ATSr.b=?'
dec Decimal value, 'X', used in 'ATSn=x'
hex HEX value used in LCD model for setting 'STATUS REGISTER' manually from front panel
(P) Per channel, i.e., each channel has its own S-register settings
(C) Common, all DTE channels (0-3) use the same S-register settings