

REGISTER	RANGE	UNIT	DEFAULT	FUNCTION
S0	0-255	rings	00	Ring to answer on.
S1	0-255	rings	00	Number of rings passed.
S2	0-127	ASCII	43	Escape code character.
S3	0-127	ASCII	13	Command terminator.
S4	0-127	ASCII	10	Line feed character.
S5	0-127	ASCII	08	Back space character.
S6	0-255	seconds	02	Wait time for dial tone.
S7	0-255	seconds	30	Wait time for carrier.
S8	0-255	seconds	02	Pause time for comma.
S9		Not used.		
S10	0-255	0.10 sec.	14	Carrier loss time hang up delay.
S11	0-255	0.001 sec	95	Touch tone timing.
S12	0-255	0.02 sec.	50	Escape code timing.
S13		Not used.		
S14		Bitmapped		Option Register
S15		Not used.		
S16		Bitmapped		Option Register
S17		Not used.		
S18	0-255	Seconds	00	Test duration
S19		Not used.		
S20		Not used.		
S21		Bitmapped		Option Register
S22		Bitmapped		Option Register
S23		Bitmapped		Option Register
S24		Not used.		
S25		Not used.		

S26		Not used.		
S27		Bitmapped		Option Register

* When the modem is configured to power up in auto answer mode, S0 has the value of 1.

REGISTER S14 -- BIT-MAPPED OPTIONS

BIT	VALUE	DESCRIPTION
0	Not used.	
1	0	Local echo disabled.
	1	Local echo enabled.
2	0	Result codes enabled.
	1	Result codes disabled.
3	0	Result codes as numbers.
	1	Result codes as words.
4	Not used.	
5	0	Tone dial.
	1	Pulse dial.
6	Not used.	
7	0	Answer mode.
	1	Originate mode.

REGISTER S16 -- TEST MODE OPTION REGISTER

BIT	VALUE	DESCRIPTION
0	0	Analog loopback disabled.
	1	Analog loopback enabled (&T1).
1	Not used.	
2	0	Digital loopback disabled.
	1	Digital loopback enabled (&T3).
3	0	Loopback not in process.
	1	Responding to remote digital loopback.
4	0	Remote digital loopback disabled.
	1	Remote digital loopback enabled (&T6).
5	0	Remote digital loopback with self test disabled.

	1	Remote digital loopback with self test enabled (&T7).
6	0 1	Analog loopback with self test disabled. Analog loopback with self test enabled (&T8).
7	Not used.	

REGISTER S21 -- BIT MAPPED OPTIONS

BIT	VALUE	DESCRIPTION
0	Not used.	
1	Not used.	
2	Not used.	
3,4	00 10 01 11	&D0 (Forced DTR) &D1 (Async command state) &D2 (On hook, async command state, disables auto answer) &D3 (Assumes initialization state)
5	0 1	&C0 (Carrier detect forced) &C1 (Carrier detect true)
6	Not used.	
7	0 1	Y0 (Disable long space disconnect) Y1 (Enable long space disconnect)

REGISTER S22 -- BIT MAPPED OPTIONS

BIT	VALUE	DESCRIPTION
0,1	Not used.	
2,3	00 10 01 11	M0 (Speaker disabled) M1 (Speaker disabled during data transfer) M2 (Speaker always on) M3 (Speaker disabled during dialing & data transfer.)
4,5,6	000 001 101 011 111	X0 X1 (Result code status) X2 (Result code status) X3 (Result code status) X4 (Result code status)
7	0 1	&P0 (U.S. make/break dial pulse ratio) &P1 (U.K./Hong Kong make/break dial pulse ratio)

REGISTER S23 -- BIT MAPPED OPTIONS

BIT	VALUE	DESCRIPTION
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0	0 1	Response to remote digital loopback disabled. Response to remote digital loopback enabled.
1,2	00 01 11	300 baud 1200 baud 2400 baud
3	Not used.	
4,5	00 10 01 11	Even parity Space parity Odd parity Mark/No parity
6,7	00 10 01	&G0 (No guard tone) &G1 (550 Hz guard tone) &G2 (1800 Hz guard tone)

REGISTER S27 -- BIT MAPPED OPTIONS

BIT	VALUE	DESCRIPTION
0-5	Not used.	
6	0 1 *	B0 CCITT V.22bis/V.22 B1 Bell 212A
7	Not used.	

(css 07/28/93)