

SYSTEM COMMANDS

COMMAND	FUNCTION	EXAMPLE
(XOFF)	Suspend communications	CTRL-S from terminal
(XON)	Resume communications	CTRL-Q from terminal
#n	Address one logger in network	#3 CLEAR
##	Address all loggers in network	## IDENT
\$ = "text"	Define text string, 1 - 80 chrs	\$ = "Project 14, Run 11^M^J"
\$	Return defined text string	R5M \$ D T 1.10V
!	Handshake with sensor support	R30S T 3.5F!
Pn	Read (Poke) system variables	P22 P40 P12
Pn = dd	Set (Poke) system variables	P22 = 44 P40 = 58 P35 = 22
RESET	Reset logger	RESET
STATUS	Return total system status	STATUS
STATUS1	Return logger address	STATUS1
STATUS2	Return scan schedule	STATUS2
STATUS3	Return control/alarm schedule	STATUS3
STATUS4	Return declared polynomials & spans	STATUS4
STATUS5	Return data points free/stored	STATUS5
STATUS6	Return switch settings	STATUS6
IDENT	Return logger address	IDENT
TEST	Return ADC parameters	TEST TEST1
TEST2	Repeated TEST report	TEST2 (Stop by H)
TEST3	Repeated CMRR reading	TEST3 (Stop by H)
TEST4	Repeated battery current reading	TEST4 (Stop by H)
TEST5	Test watchdog, reset logger	TEST5

() Denotes an ASCII character, not a literal command

WARNINGS AND ERROR MESSAGES

E1 - time set error	E20 - illegal character(s)
E2 - input buffer full	E21 - illegal separator(s)
E3 - frequency error	E22 - ave/sd/min/max error
E4 - clear data memory	E23 - repeat1 error
E5 - data memory full	E24 - repeat2 error
E6 - data memory empty	E25 - ident command error
E7 - day set error	E27 - test command error
E8 - peek/poke error	E29 - declaration error
E9 - switch error	E30 to E38 - calibration failure
E10 - clear command error	E39 - thermocouple error
E11 - input(s) out of range	E40 - rtd error
E12 - channel list error	E41 - RAM1 error
E13 - stimulate handshake error	E42 - RAM2 error
E14 - communications error	E43 - RAM3 error
E15 - assignment error	E44 - bottom NSC810A error
E16 - current loop error	E45 - top NSC810A error
E17 - control/alarm error	E46 - ROM checksum error
E18 - status command error	E47 - message error
E19 - reset command error	