



TIME

TIME is a BASIC callable routine. In TIME there is also a system routine that SLOPE uses. It has an entry point called INTM. TIME works with a real time clock ET-7435. Besides the service it provides for SLOPE, this routine has 3 functions (see Table 1). The first function is to read the time and return it to the caller in hours, minutes, and seconds. The second function is to allow the clock to be set. The three front panel switches on ET-7435 is not normally active. If the call is given to set time, the switches are activated until the operation is completed. The third function is a two call function. The first call initiates a time interval and the second call gets the elapsed time. This time interval is kept regardless of what the system is doing. The only thing that can effect the time interval is if the system is shut down and rebooted.

TIME (X,V)

X = 1 Read time return 3 variables in V
 = 2 Enable set and wait for clock to be set
 = 3 Start time interval
 = 4 Stop interval calculate and return elapsed time

V = Start of a 6 word buffer for 3 floating point words
 (Hours, minutes, seconds)
 V is not used in set time call

NOTE: In basic calls the variable has to be three words in COM.

TABLE 1

			MODEL	STK NO
ltr	PC NO	APPROVED	APPD	SHEET NO 1 or 1
			BY Bill Birdsell	DATE 12-18-74
		REVISIONS	SUPERSEDES	DWG NO A-ET 9500-97001-1