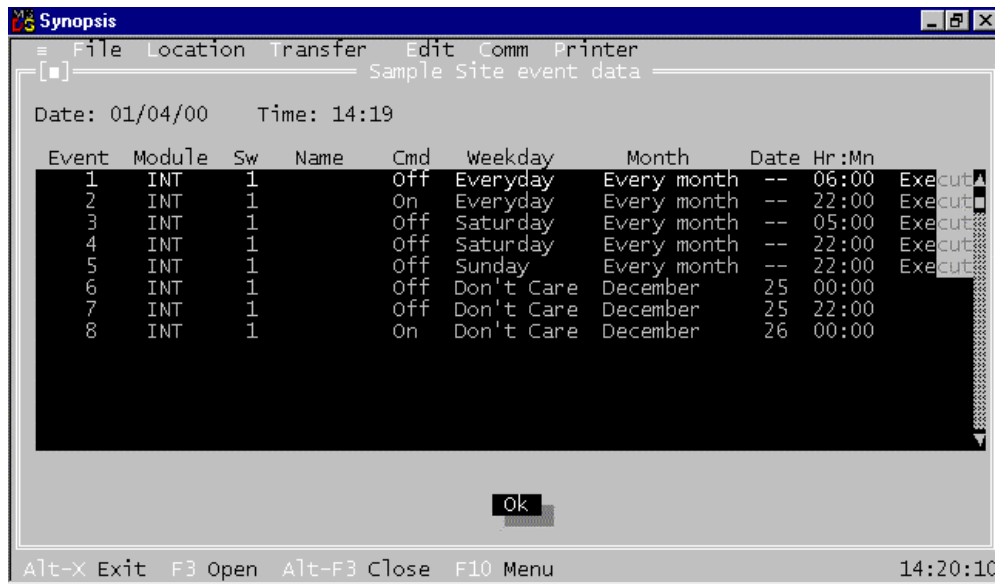
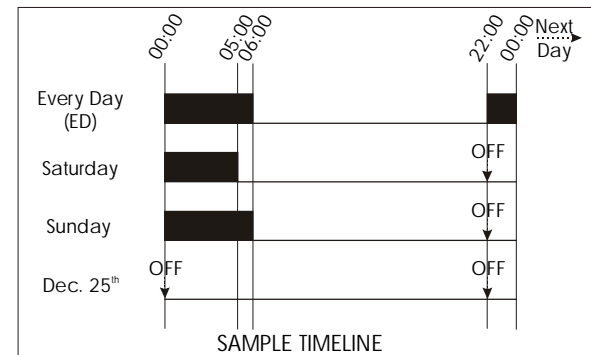


Application Note APNT-0016

Simple Exclusive Event Programming

Here is a useful programming shortcut for Monroe R149 and R153 timers. The following is a hypothetical schedule. A switch is to go on each weekday between the hours of 10PM (2200 hours) and 6AM (0600 hours) the next morning, midnight to 5AM (0500) on Saturdays, midnight to 6AM (0600) on Sundays and not at all on December 25th. A first-impulse would be to develop separate programs for each day of the week, i.e., Monday, Tuesday ... and then do the weekend, thus seven individual daily programs — then try to figure out how to handle the odd one(s).

Since all weekdays have a common program, why not do the same thing everyday and make exceptions for the weekend? A sample timeline is shown at right.



The screenshot at left shows the result. This is SYNOPSIS but the PT2A presentation is practically identical and the front panel program for the R149 timer takes the same form. Note that the number of individual events has been dramatically minimized.

Subtle points —

- Default is OFF.
- Weekdays for specific dates are “Don’t Care”.
- Screen shown is result of Transfer, Get, Events.
- The time shown at lower right is the current computer time.
- The time shown after the date (upper left) is the time of data transfer.
- Some of the events are marked “Execut(ed)” because they have occurred at least once.
- Completed events such as those on one day only would be marked “Delete”.
- Midnight is 00:00 the next day