

Program old style Control Units (USOF Rentals)

- Open SI Manager
- Create new event by clicking Event/New
 - Insert Event name
 - ◆ Program defaults to last previous event, so be sure and create new event and not add on to previous event.
 - All programming of control units for any given event should be done on the same computer to provide accurate protocol log.
 - Insert Zero time
 - ◆ Zero time is actual time of day written in H:MM format
 - ◆ Usually have zero time one hour before first scheduled runner, i.e., if first pre-runner is a 8:00 am, use a zero time of 7:00.
- Program control units
 - Synchronize PC clock with radio controlled self setting clock.
 - ◆ Right click time on lower right corner of tool bar of computer.
 - ◆ Click Adjust Date/Time
 - ◆ Click on time and insert time 15-30 seconds ahead of radio clock time.
 - ◆ One second before radio clock time is reached, click on "Apply".
 - ◆ Double check that date and time are correct.
 - ◆ Close Date/Time properties window.
 - Attach master station to serial port.
 - ◆ Make sure that com port is not used by another device, such as the modem, Palm Pilot, etc.
 - ◆ If com port is used by another device, change port by clicking on Options/Serial Port.
 - Turn on master station by passing magnet over logo of unit.
 - Insert connecting rod, thick end down, into hole of master unit.
 - Arrange control units in numerical order with attached code number Velcro plaques attached to tops of units.
 - Have log of control numbers, when units are to be turned on, and when to be turned off.
 - Click on SI Stations/Prepare/Competition mode
 - ◆ Click OK on "Please check your PC clock."
 - ◆ Make sure "Master" is displayed in window on right side of screen.
 - ◆ Enter Power On date and time
 - ◆ Enter Turn Off time
 - ◆ Under "Task," choose "Control."
 - ◆ Enter code number of first control. (Code numbers must be between 31 and 255.)
 - ◆ Turn on control unit by passing magnet over logo.
 - ◆ Unit will beep and flash when turned on.
 - Control unit only stays on for 2 minutes unless programmed.
 - ◆ Turn control unit over and place hole of unit over connecting rod so master unit and control unit are face to face.
 - This allows coils in units to be close to each other.
 - If not done, you may get error messages.
 - ◆ Click on "Write" button or hit Enter.
 - ◆ Progress bar turns purple while unit is being programmed, and when successful, unit beeps and information is written in "Current contents" windows.
 - ◆ Remove unit, turn on next unit, place on connecting rod, and be sure that code number is correct. Program automatically increments the code number by one. If there are gaps in code numbers, manually insert correct code number.
 - ◆ Click on "Write" button, and then repeat steps above for additional controls.

- Program Clear, Check, Start, and Finish Units (SI Manager) Program Clear, Check, Start and Finish units.
 - Enter Power On date and time.
 - Enter Turn Off time.
 - ◆ Clear, Check, and Start can be programmed to turn off about 1 hour after last scheduled start.
 - ◆ Finish should be programmed to turn off about 1 hour after closing time for courses.
 - Under "Task," choose "Clear (completely)", "Check," "Start," or "Finish" as appropriate
 - Enter code number of first control. (Code numbers between 1 and 31 are reserved for these functions.)
 - Click on "Write" button or hit Enter.
 - Progress bar turns purple while unit is being programmed, and when successful, unit beeps and information is written in "Current contents" windows.
 - Remove unit, turn on next unit, place on connecting rod, and be sure that task, power on time, turn off time, and code number are correct. Program automatically increments the code number by one. If there are gaps in code numbers, manually insert correct code number. For these functions, it is not important what the code number is.
 - Click on "Write" button, and then repeat steps above for additional controls.
 - Print out Protocol log by clicking SI Stations/Prepare/Competition mode/Protocol/Print.
 - Double check log with programming sheet to be sure appropriate code numbers, turn on and turn off times were entered. Give to course setter and vetter to check.