

Protection Switch Manual Mode Timeout Feature

(Enabled in Firmware Rev 91 and above)

Beginning with the Protection Switch device, (PS,) running firmware Rev 91, we have changed the default behavior.

In the past, the PS would default to AUTO mode, meaning that it would select whichever device was not exhibiting an alarm, and using baseball waveguide switches under its control, switch that unit on-line. If the user however used one of the hard buttons on the PS box to manually select a device, then AUTO mode would be disabled. The PS would not return to automatic operation until the user had hit the AUTO button himself, or gave the AUTO command using Supervisor or by some other means.

With firmware Revision 91, we have changed this. By default, Manual mode will timeout in 30 minutes after the user has last made a manual selection for operation, and return to AUTO mode. This new behavior can be overridden if desired however, with the following command:

```
COMMAD> MANUAL_TIMEOUT OFF
```

This feature can be re-enabled with the ON argument.

We have added a line to the PS ASCII display when this time is running, which counts down to zero in seconds. Also, beginning with Supervisor 10.1.26, we have added a similar display to the PS Monitor tab when this counter is running.

In summary, this was done, because we felt it was too easy for a user using manual selections to test both sides of a 1+1 setup at a remote site, and then to walk away from his setup and forget to select AUTO mode before he left.