Underway Geophysics Lab Cookbook
DATUM CLOCK

This "atomic" clock or Datum Model 9160A Synchronized Time Code Generator is very accurate and used with the navigation system in conjunction with the GPS time signals. It originally bridged the gaps between the Transit satellites and when GPS the constellation was a little thin. I'm not sure what it is good for now other than it is easy to read and is a verification of the Julian Date.

Experts would look through the manuals for a concise set of instruction on how to set the clock, as is necessary when the new year rolls in or some Bozo turns off the power strip.

For those other than experts:

Once power is on, hit the stop button on the clock. Notice the dial rotary number selector and that each digital display window has a button under it. If the Julian day is wrong and should be 27, dial up a 2 on the rotary dial and push the button under the appropriate digital window. Then dial in a 7 and push the button under the next. Window. When it gets down to the last twitches in time, look at the Winfrog monitor time display and enter a Rubidium clock number a minute or two ahead of Winfrog. As Winfrog time counts down to the preset time, hit the start button on the clock and all should be well.