LEDs when in Streaming with NTP timing
This is the normal prefered mode.

D7   ◯ Flash once on power up.

D23 ◯ Flash once on power up.

D10 ◯ Never on, factory debug only.

D11 🟢 Flashing on start, ON when data is flowing.

D12 ◯ ON solid orange when unit has not been configured

D13 🔴 ON when on NTP time.

D14 ◯ ON when in Darien mode.

D17 🟢 On when +3.3 volts is on.

D18 🟢 On when +5 volts is on.

NOTES:

The LEDs might be in this mode, if ethernet was detected on startup and
was then later lost.

OSOP recommends NTP timing
because the installations are
much easier and the timing
quality for picking P and S is
quite adequate. The error is
smaller than the velocity model
uncertainty.

LEDs when in Streaming with GPS timing
This is the secondary mode.

D7   ◯ Flash once on power up.

D23 ◯ Flash once on power up.

D10 ◯ Never on, factory debug only.

D11 🟢 Flashing on start or when not configured, ON when data is flowing.

D12 ◯ ON solid orange when unit has not been configured

D13 ◯ ON when on NTP time.

D14 ◯ ON when in Darien mode.

D11 flas

D17 🟢 On when +3.3 volts is on.

D18 🟢 On when +5 volts is on.

NOTES:

The LEDs might be in this mode, if ethernet was detected on startup and
was then later lost.

LEDs when in Darien mode with GPS timing
This is a premium mode.

D7 ⚪ Flash once on power up.

D23 ⚪ Flash once on power up.

D10 ⚪ Never on, factory debug only.

D11 🟢 Flashing on start, ON when data is flowing.

D12 ⚪ ON solid orange when unit has not been configured

D13 ⚪ ON when on NTP time.

D14 🔵 ON when in Darien mode, flashes when acquiring the ODF.

D17 🟢 On when +3.3 volts is on.

D18 🟢 On when +5 volts is on.

NOTES:

The LEDs might be in this mode, if ethernet was detected on startup and
was then later lost.

LEDs when in Darien mode with NTP timing
This is a premium mode.

D7   ◯ Flash once on power up.

D23   ◯ Flash once on power up.

D10   ◯ Never on, factory debug only.

D11   🟢 Flashing on start, ON when data is flowing.

D12   ◯ ON solid orange when unit has not been configured

D13   🔴 ON when on NTP time.

D14   🔵 ON when in Darien mode, flashes when acquiring the ODF.

D17   🟢 On when +3.3 volts is on.

D18   🟢 On when +5 volts is on.

NOTES:

The LEDs might be in this mode, if ethernet was detected on startup and was then later lost.

LEDs when in Event or Archiving mode with GPS timing

D7 ◯ Flash once on power up.

D23 ◯ Flash once on power up.

D10 ◯ Never on, factory debug only.

D11 🟢 Flashing on start, ON when data is flowing.

D12 ◯ ON solid orange when unit has not been configured

D13 🔴 ON when on NTP time.

D14 ◯ ON when in Darien mode.

D17 🟢 On when +3.3 volts is on.

D18 🟢 On when +5 volts is on.

NOTES:

The LEDs might be in this mode, if ethernet was detected on startup and was then later lost.

When D13 is flashing it is an error condition.

D7 ⚪ Flash once on power up.

D23 ⚪ Flash once on power up.

D10 ⚪ Never on, factory debug only.

D11 ⚪ Flashing on start, ON when data is flowing.

D12 ⚪ ON solid orange when unit has not been configured

Flashing D13 🔴 ON when on NTP time.

D14 ⚪ ON when in Darien mode.

D17 🟢 On when +3.3 volts is on.

D18 🟢 On when +5 volts is on.

The unit is in this mode when it can not find the time. If the ethernet connection is not working and the GPS is not working the the unit stays in this mode and does not work. Sixaola must have the time. OSOP prefers NTP time over the ethernet.

NOTES:

The LEDs might be in this mode, if ethernet was detected on startup and was then later lost.

If D12 is solid orange it is the "out of the box" mode. The unit needs to be configured.

D7 ◯ Flash once on power up.

D23 ◯ Flash once on power up.

D10 ◯ Never on, factory debug only.

D11 ◯ Flashing on start, ON when data is flowing.

D12 🔴 ON solid orange when unit has not been configured

D13 ◯ ON when on NTP time.

D14 ◯ ON when in Darien mode.

D17 🟢 On when +3.3 volts is on.

D18 🟢 On when +5 volts is on.

NOTES:

The LEDs might be in this mode, if ethernet was detected on startup and was then later lost.

OSOP recommends NTP timing because the installations are much easier and the timing quality for picking P and S is quite adequate.