A cooler day so I was able to spend more time with it. Tried several things yesterday with two memory cards, ended up with the original chip. Left out putting in local host in opencpn. Put it in and rebooted.

Here is the system check file:

Checking touchscreen optimization... | disabled

Checking backlight... | disabled

Checking Power off management... | disabled

Checking Shutdown management... | disabled

Checking OpenPlotter autostart... | enabled

Checking rescue mode... | disabled

Checking debugging mode... | disabled

Checking system log file size... | System log file size: 12.39 MB

Checking OpenPlotter packages source... | added

Checking SDR processes... | SDR AIS is not running

Checking Notifications... | running

↳The access request must be aproved with read/write permission in Signal K administrator.

Checking GPIO... | pigpiod running | Seatalk1 disabled | 1W enabled | pulses disabled | digital disabled | openplotter-gpio-read not running

↳The access request must be aproved with read/write permission in Signal K administrator.

Checking I2C sensors... | openplotter-i2c-read running | I2C enabled | Access to Signal K server validated

Checking Network... | access point disabled | NTP server not running

Checking serial connections alias... | All your serial connections have an assigned alias

Checking Dashboards... | Grafana running | Influxdb running | Telegraf running | SailGauge enabled

Checking OpenCPN... | running | | autostart disabled | FP autostart enabled

↳OpenCPN shortcut is broken, click "Install" in OpenCPN Installer app to rebuild it.

Checking Signal K server... | running

Checking serial connections conflicts... | no conflicts

Checking network connections conflicts... | no conflicts

Checking GPIO conflicts... | no conflicts

CHECK SYSTEM FINISHED

No communication with the N2K network. This is not the first time I’ve got the OpenCPN shortcut is broken, click "Install" in OpenCPN Installer app to rebuild it.

Tried yesterday to reinstall it and it failed. Wants you to check versions first, which took over 20 minutes yesterday and failed. First time today, on the marina network it failed. Switched to the smartphone and access point, and was able to: check the versions, install the new version of opencpn that was waiting.

Rebooted the Pi.

Here is the log:

Starting Notifications... | Notifications started

Starting GPIO... | No GPIO defined

Starting I2C sensors... | I2C sensors started

Starting Dashboards... | Telegraf started

Starting OpenCPN... | non fullscreen

Checking touchscreen optimization... | disabled

Checking backlight... | disabled

Checking Power off management... | disabled

Checking Shutdown management... | disabled

Checking OpenPlotter autostart... | enabled

Checking rescue mode... | disabled

Checking debugging mode... | disabled

Checking system log file size... | System log file size: 12.53 MB

Checking OpenPlotter packages source... | added

Checking SDR processes... | SDR AIS is not running

Checking Notifications... | running

↳The access request no longer exists.

Checking GPIO... | pigpiod running | Seatalk1 disabled | 1W enabled | pulses disabled | digital disabled | openplotter-gpio-read not running

↳The access request no longer exists.

Checking I2C sensors... | openplotter-i2c-read running | I2C enabled | Access to Signal K server validated

Checking Network... | access point disabled | NTP server not running

Checking serial connections alias... | All your serial connections have an assigned alias

Checking Dashboards... | Grafana running | Influxdb running | Telegraf running | SailGauge enabled

Checking OpenCPN... | running | | autostart disabled | FP autostart enabled

↳OpenCPN shortcut is broken, click "Install" in OpenCPN Installer app to rebuild it.

Checking Signal K server... | running

Checking serial connections conflicts... | no conflicts

Checking network connections conflicts... | no conflicts

Checking GPIO conflicts... | no conflicts

STARTUP FINISHED

Here is the proof of update

A screenshot of a computer

Description automatically generated

Same error message. OpenCPN shortcut is broken, click "Install" in OpenCPN Installer app to rebuild it.

Still no data from the n2k network.

Next I ran updates from the terminal and rebooted.

Got the next log:

Starting Notifications... | Notifications started

Starting GPIO... | No GPIO defined

Starting I2C sensors... | I2C sensors started

Starting Dashboards... | Telegraf started

Starting OpenCPN... | non fullscreen

Checking touchscreen optimization... | disabled

Checking backlight... | disabled

Checking Power off management... | disabled

Checking Shutdown management... | disabled

Checking OpenPlotter autostart... | enabled

Checking rescue mode... | disabled

Checking debugging mode... | disabled

Checking system log file size... | System log file size: 13.3 MB

Checking OpenPlotter packages source... | added

Checking SDR processes... | SDR AIS is not running

Checking Notifications... | running

↳The access request no longer exists.

Checking GPIO... | pigpiod running | Seatalk1 disabled | 1W enabled | pulses disabled | digital disabled | openplotter-gpio-read not running

↳The access request no longer exists.

Checking I2C sensors... | openplotter-i2c-read running | I2C enabled | Access to Signal K server validated

Checking Network... | access point disabled | NTP server not running

Checking serial connections alias... | All your serial connections have an assigned alias

Checking Dashboards... | Grafana running | Influxdb running | Telegraf running | SailGauge enabled

Checking OpenCPN... | running | | autostart disabled | FP autostart enabled

↳OpenCPN shortcut is broken, click "Install" in OpenCPN Installer app to rebuild it.

Checking Signal K server... | running

Checking serial connections conflicts... | no conflicts

Checking network connections conflicts... | no conflicts

Checking GPIO conflicts... | no conflicts

STARTUP FINISHED

No data from N2k network.

Note, the pi was still showing a considerable number of updates available in the top menu bar.

I’m getting data from the I2c port.

Here is a typical dashboard after the changes. Wsetc is the I2c.

The next screen shows the connections. The original one for the garmin handheld is there and another for the actisense. As expected from my original memory card. But no conflicts. Removed the garmin connection from the chip yesterday in opencpn.

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Note no data on the signalk server.

This is what it used to look like a couple of weeks ago before the problems started.

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Description automatically generated

When I set up open plotter at home originally in May, I added a number of signalk apps to see what they might do. I have got rid of most on the chips I was using, but cannot get rid of them on this chip.

A screenshot of a computer

Description automatically generated Get a list of removed apps, reboot to see what happens, and they are back. A screenshot of a computer

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Not getting any data stored on the chip either. Added the extra / as suggested. A screenshot of a computer

Description automatically generated

A screenshot of a computer

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