Okbayou NMEA 2000 Network and instruments - Click on links for component details

Asus tablet running Windows 10 for debug

Raspberry Pi 4

a65 Chartplotter

Actisense NGT-1

Auto Pilot

Axiom 7 Chartplotter

Canable IO

DLP-IO8 I/O

DLP-IO8 Temperature and I/O

DS18B20 Temperature Sensors 1 of 4

NMEA 2000

NMEA 2000 Network

Depth Speed XDCER

DSC VHF Radio

AIS

AUTO Heading
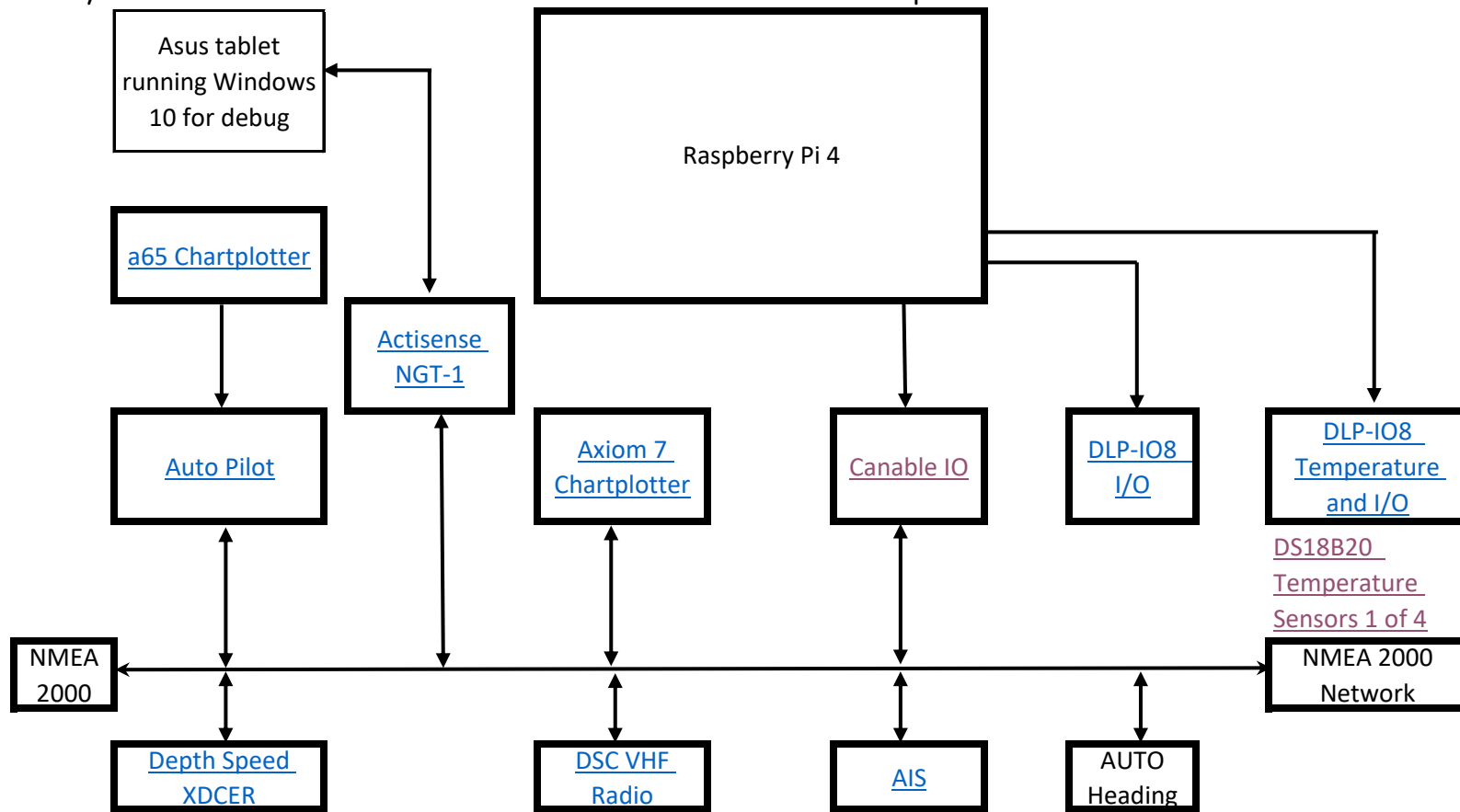
Power, terminators and Transtector Surge suppressor not shown.

DLP-IO8: Coolant Temp
      Cylinder Temp - reported as oil temp
      Cabin Temp
      Refrigerator Temp
      Battery voltage
      water tank level
      Engine On
      Alternator On

DLP-IO8:   Bilge pump
           High water
           unused
           unused
           Anchor Light
           Steaming Light
           Navigation Lights
           Deck Light

Notes: Canable board is flashed with Candlelight firmware. Axiom 7 is loaded with Navionics charts and the A65 uses NOAA charts. Raspberry Pi 4 runs a JavaScript program which collects track data for display on the Cruising page of this site. It also puts the coolant and battery voltage data on the N2K network to be viewed on the chartplotter.