AXIOM MFD logs and backups:

<u>Important:</u> Crash Logs/User Data get erased when you perform a "**Power on Reset**", so ensure you save all the logs <u>before</u> you reset a unit!

Jump to a section within this document:

Crash Logs

Diagnostics Data (from Master MFD)

User Data (Routes/Waypoints/Tracks)

System Data

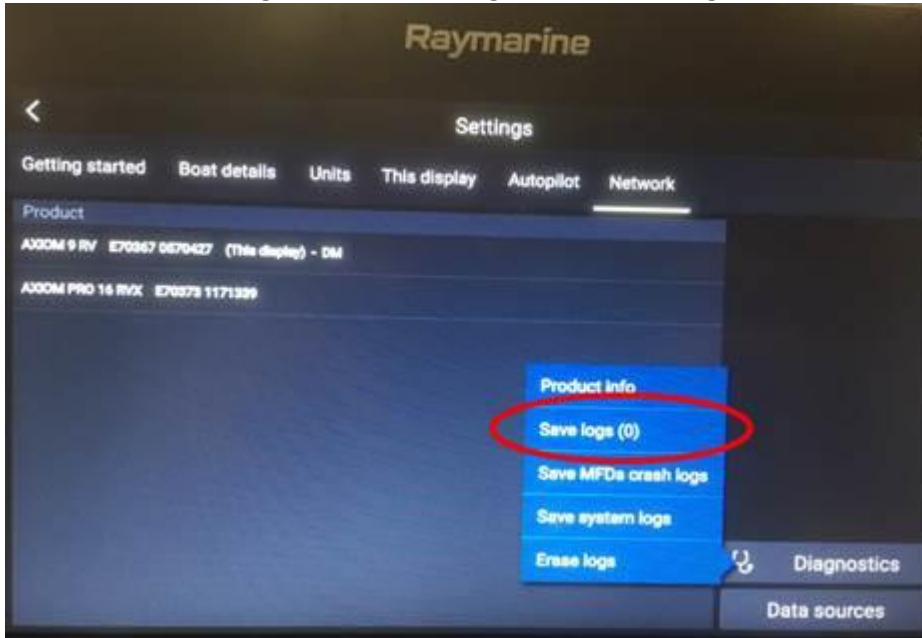Log N2K data (this will change for v3.10.xx – will be built into the UI)

[Back up and collect Settings and Logs from AXIOM MFD]

Crash Logs

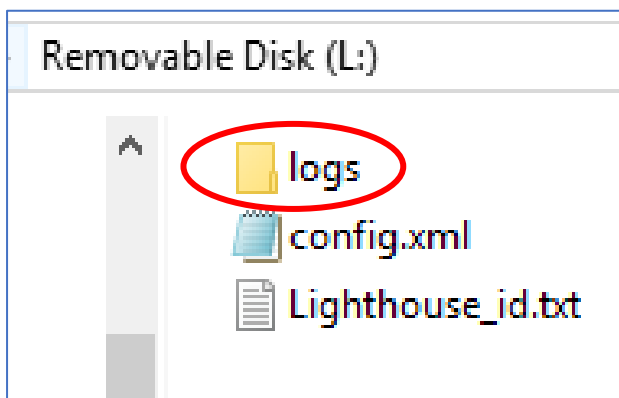Save the Crash logs from the unit, to the uSD card.

This saves all the Logs to the uSD card:
HomeScreen > Settings > Network > Diagnostics > Save Logs:

The MFD will save various files to the uSD card:

Make sure you include all the files within the "logs" folder when sending them to Raymarine.

[Back up and collect Settings and Logs from AXIOM MFD]
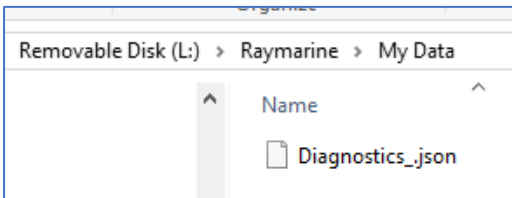
Diagnostics Data

Go to the **Master MFD**:
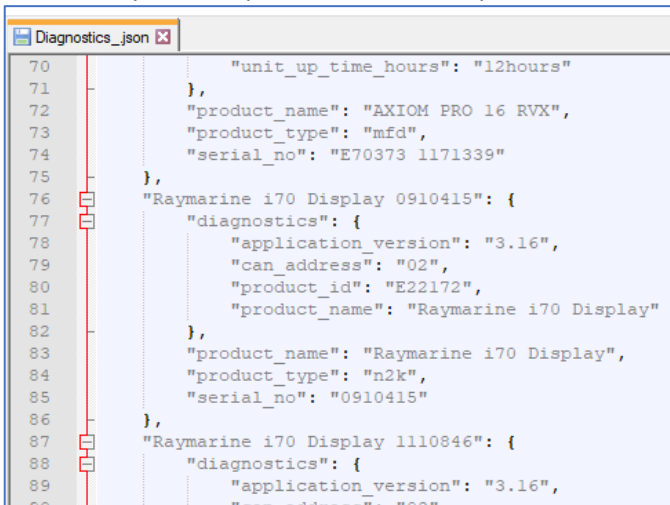The following saves the Diagnostics system list and information to the uSD card:
HomeScreen > Settings > Network > Diagnostics > Product info > Save Data:

The MFD will create a "Diagnostics_.json" file on the uSD card, which will be located within the folders: Raymarine > My Data
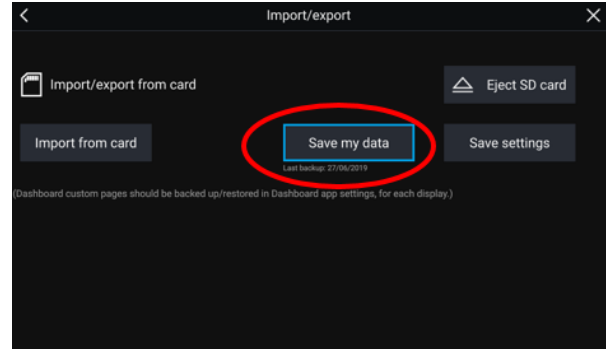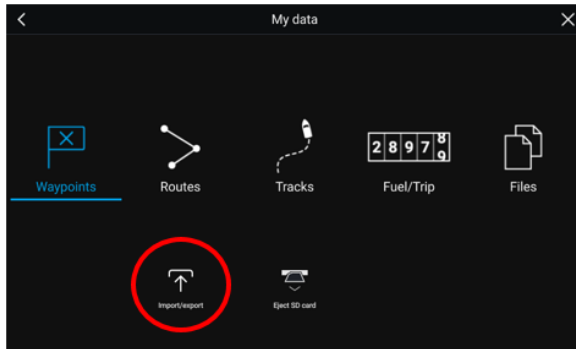

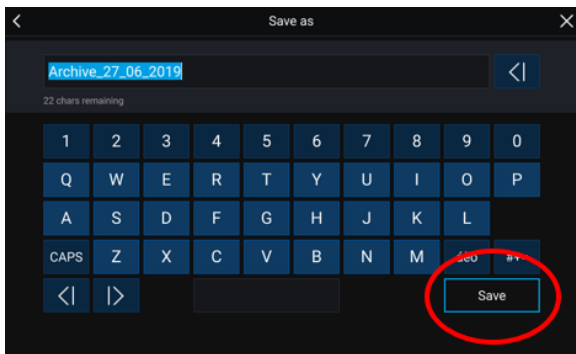If desired, you can open this file in Notepad++:

[Back up and collect Settings and Logs from AXIOM MFD]

Save Waypoints / Routes / Tracks

To save the Routes / Waypoints / Tracks to the uSD card, go to the **Master** MFD & click the following:
HomeScreen > My Data > Import/Export > Save my data > Save all data > click on the card location: (i.e. External 1)

Ensure you're happy with the default name of the file, then click Save:

The MFD will create an Archive.GPX file on the uSD card with all the user's Waypoints / Routes and Tracks.
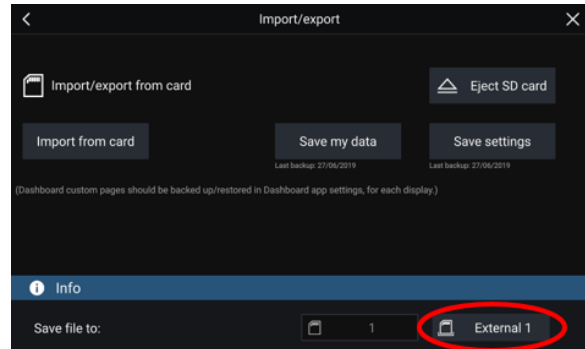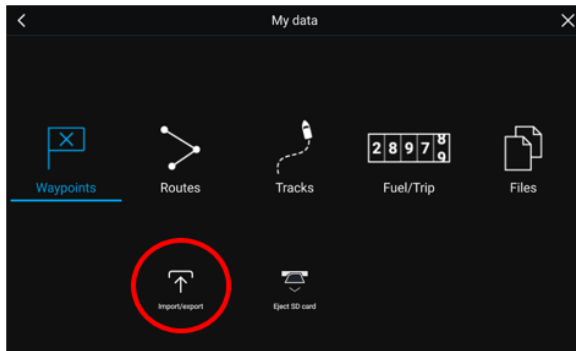To load these files back onto the MFD, click on "Import from card".

[Back up and collect Settings and Logs from AXIOM MFD]
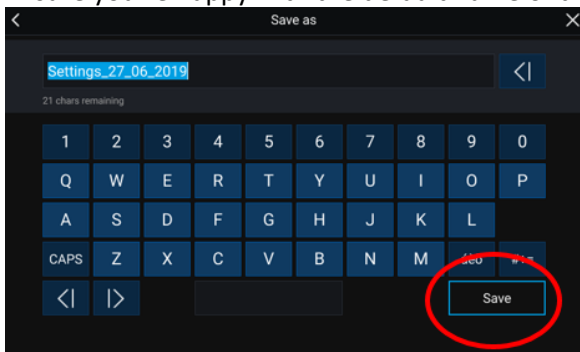
Save System Settings

Be aware - This back-up will **Not** save all MFD settings – such as the following:

- MFD – units
    - i.e. Metres instead of Feet
- SONAR
    - Depth Offset
    - Transducer Selection
    - Temperature Calibration
    - Speed Selection/Calibration
- Paired Keypads
    - i.e. RMK-10
- Radar
    - Paired Wireless Radar (i.e. Quantum)
    - Radar Overlays – i.e. AIS Targets
    - Radar Target Reference Modes (i.e. Relative instead of True)

To save the MFD System Settings to the uSD card, go to the **Master** MFD & click the following:
HomeScreen > My Data > Import/Export > Save settings > click on the card location (i.e. External 1)
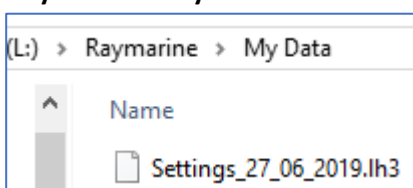

Ensure you're happy with the default name of the file, then click Save:

The MFD will create a "Settings.lh3" file on the uSD card, located within the folders:
Raymarine > My Data

To load these files back onto the MFD, click on "Import from card".

[Back up and collect Settings and Logs from AXIOM MFD]

Log N2K (STng) data to card

In you want a save SeaTalk^{ng} (NMEA2000) data to the uSD card, then:

- Go to the **Master MFD**
- Using your Computer, copy a file at the root of the uSD card, with the name **log_stng_data**
  - Note – the file has **no** file extension (i.e. ".txt" or ".pdf" or "doc" etc...)

Name	Type	Size
☐ log_stng_data	File	0 KB

- If you insert the card and boot up the MFD, the MFD will start logging CAN frames to filenames called **nmea2000_YYYYMMDD_HH.log** to that card (so you get one file per hour)

Example file below:

Name	Type	Size
📄 nmea2000_20180725_06.log	Text Document	34,832 KB

```
Rx 58263962 09 f8 02 d0 00 fc 31 9f 48 00 ff ff From:d0 CogSogRapidUpdate COG:233.5deg,SOG:1.4kts
Tx 58263963 19 f1 1a 01 ff ff ff ff f8 00 ff ff From:01 MagneticVariation
Rx 58264020 09 f1 12 cc ff 3d 8c ff 7f ff 7f fd From:cc VesselHeading Heading:205.7deg
Rx 58264021 09 f1 13 cc ff 66 be ff ff ff ff ff From:cc RateOfTurn
Rx 58264021 09 f1 19 cc ff ce 96 31 f5 6f 02 fe From:cc Attitude
Rx 58264022 09 f1 0d cc fc f8 ff 7f ff 7f ff ff From:cc Rudder
Rx 58264022 09 f1 0d cc 00 ff ff 7f 8c eb ff ff From:cc Rudder
Rx 58264023 09 f8 01 d0 c1 ab 45 22 fb 2b 99 03 From:d0 PositionRapidUpdate Position:(57.499130,6.036992)
Rx 58264024 1c ff 4f cc 3b 9f ff ff ff 3d 8c ff From:cc PilotHeading
Rx 58264024 1c ff 50 cc 3b 9f ff ff ff ed 7a ff From:cc PilotLockedHeading
Rx 58264028 1d ef ff cc 20 0d 3b 9f f0 81 84 e6 From:cc PGN:126975
Rx 58264029 1d ef ff cc 21 8c 33 40 00 e2 02 0b From:cc PGN:126975
Tx 58264038 1c ff 68 01 3b 9f ff ff ff ff ff ff From:01 PilotControlHeadHeartbeat
Tx 58264038 1c ff 68 01 3b 9f ff ff ff ff ff ff From:01 PilotControlHeadHeartbeat
Tx 58264039 1c ff 68 01 3b 9f ff ff ff ff ff ff From:01 PilotControlHeadHeartbeat
```

[Back up and collect Settings and Logs from AXIOM MFD]