NAVDoctor

New Product Introduction

Part Number: ZDIGNAVDOC

UPC: 703791696192

NAVDoctor - NMEA 2000 Network Diagnostic Tool

www.digitalyacht.co.uk Availability: September 2020 SRP £300 EX VAT

NAVDoctor - Outline

Dear Partner

NMEA 2000 networks are used extensively for interfacing marine electronic products. It's based on a robust Canbus architecture, but one bad device, cable or termination can have a detrimental effect on performance. Fault finding can be time consuming and tricky.

NAVDoctor is a portable NMEA 2000 network diagnostic tool/tester which quickly allows you to check and diagnose the NMEA 2000 network. It combines the functionality of existing NMEA 2000 display programs and test equipment into a single, cost effective, simple plug 'n play box.

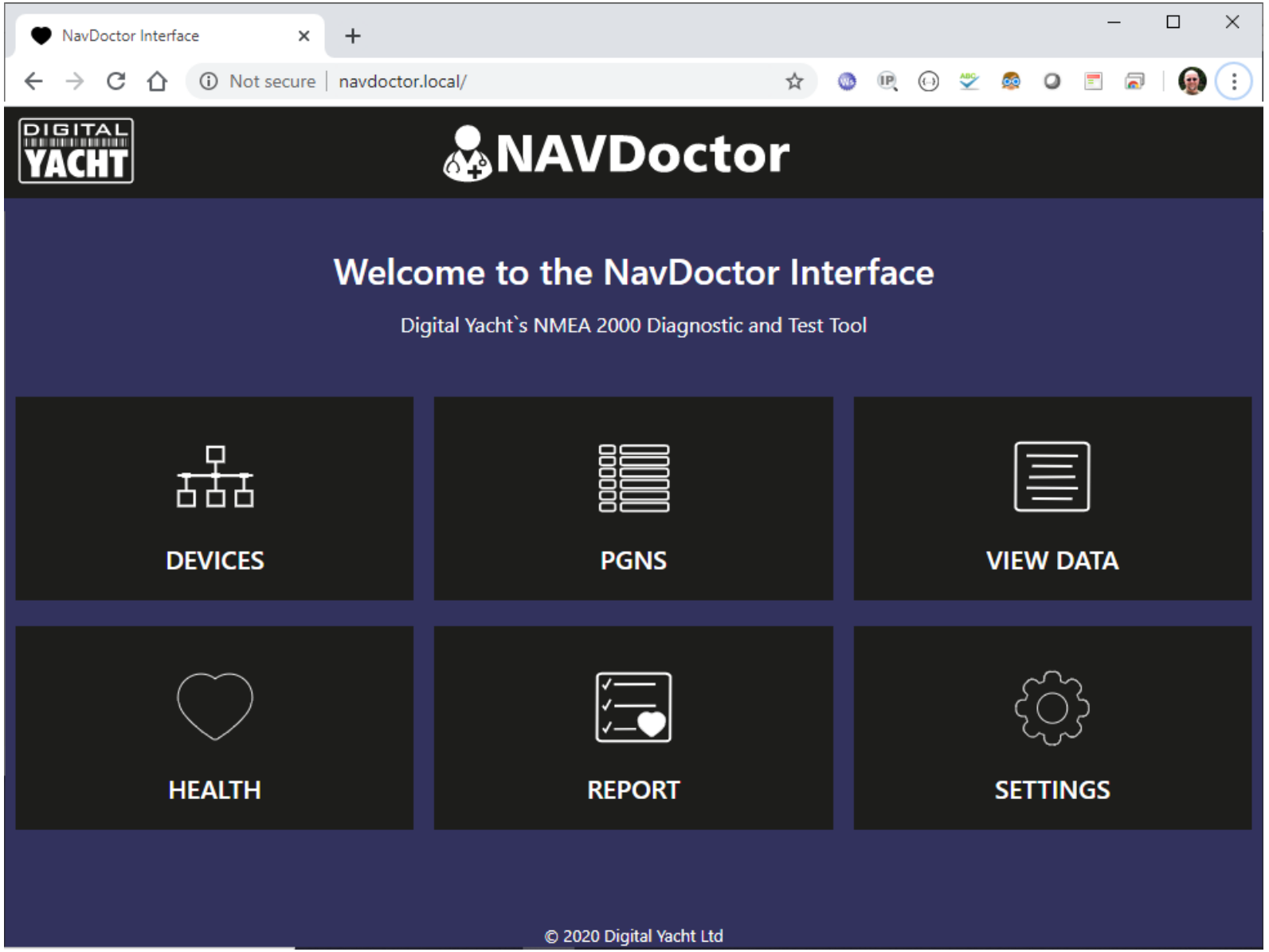
It's self powered from the network and creates a local wifi point for a mobile phone, tablet or PC to connect. Once connected, you simply access functions through a web browser so there's no complicated software to install.

NAVDoctor is an essential tool for every marine electronics technician or installer and also offers the capability of printing a network health check certificate to validate an installation and improve customer service.

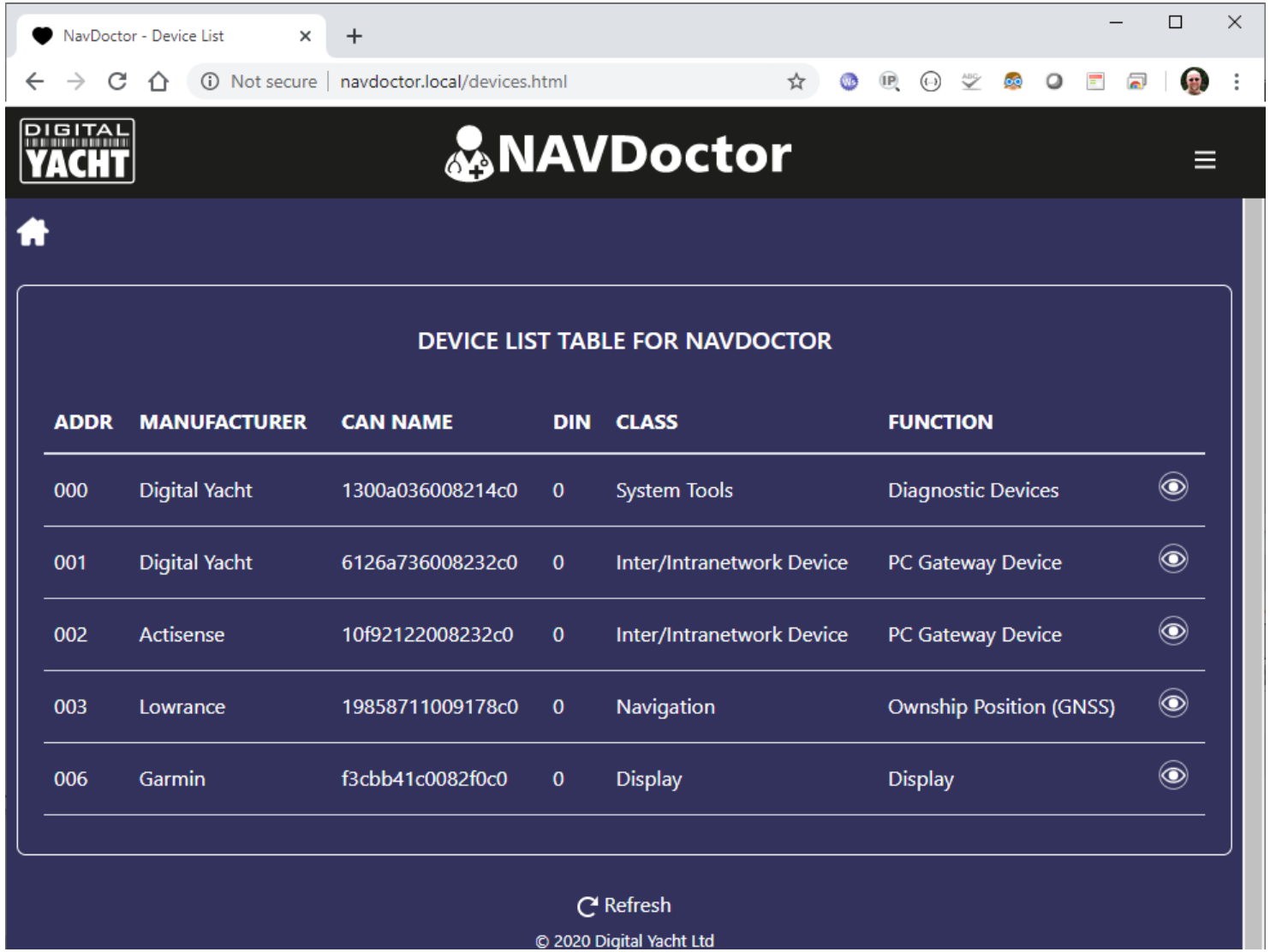
The Digital Yacht team

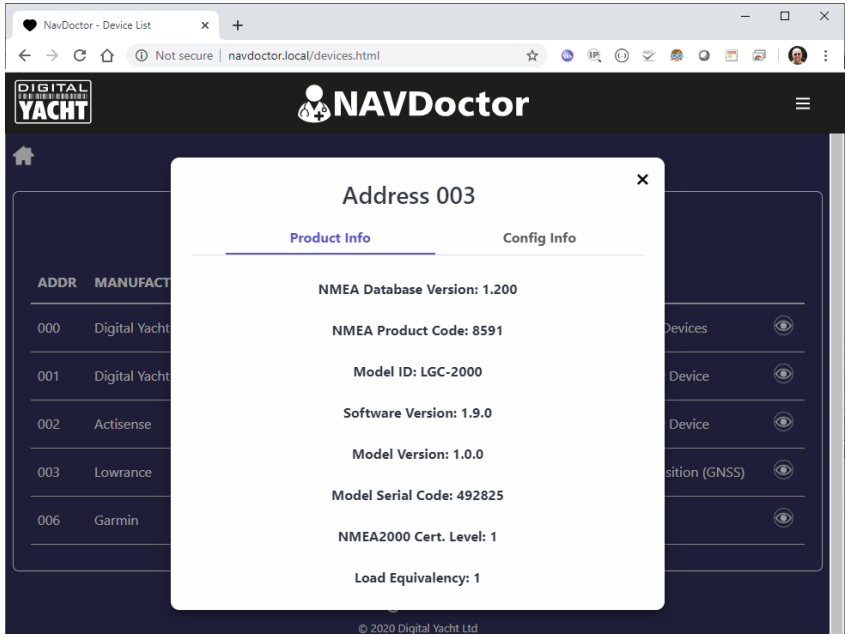
Key Features

- No special Apps or software required – built-in web interface
- Works on any mobile device; iOS, Android, Windows, Mac, etc
- Connect wirelessly and view data through a web browser
- Lists all devices on the network
- Displays all PGNs on the network
- Drill down into a particular PGN and decode/display its data
- Display and log the RAW NMEA 2000 data
- Check the network health, voltages, bus load, error frames, etc.



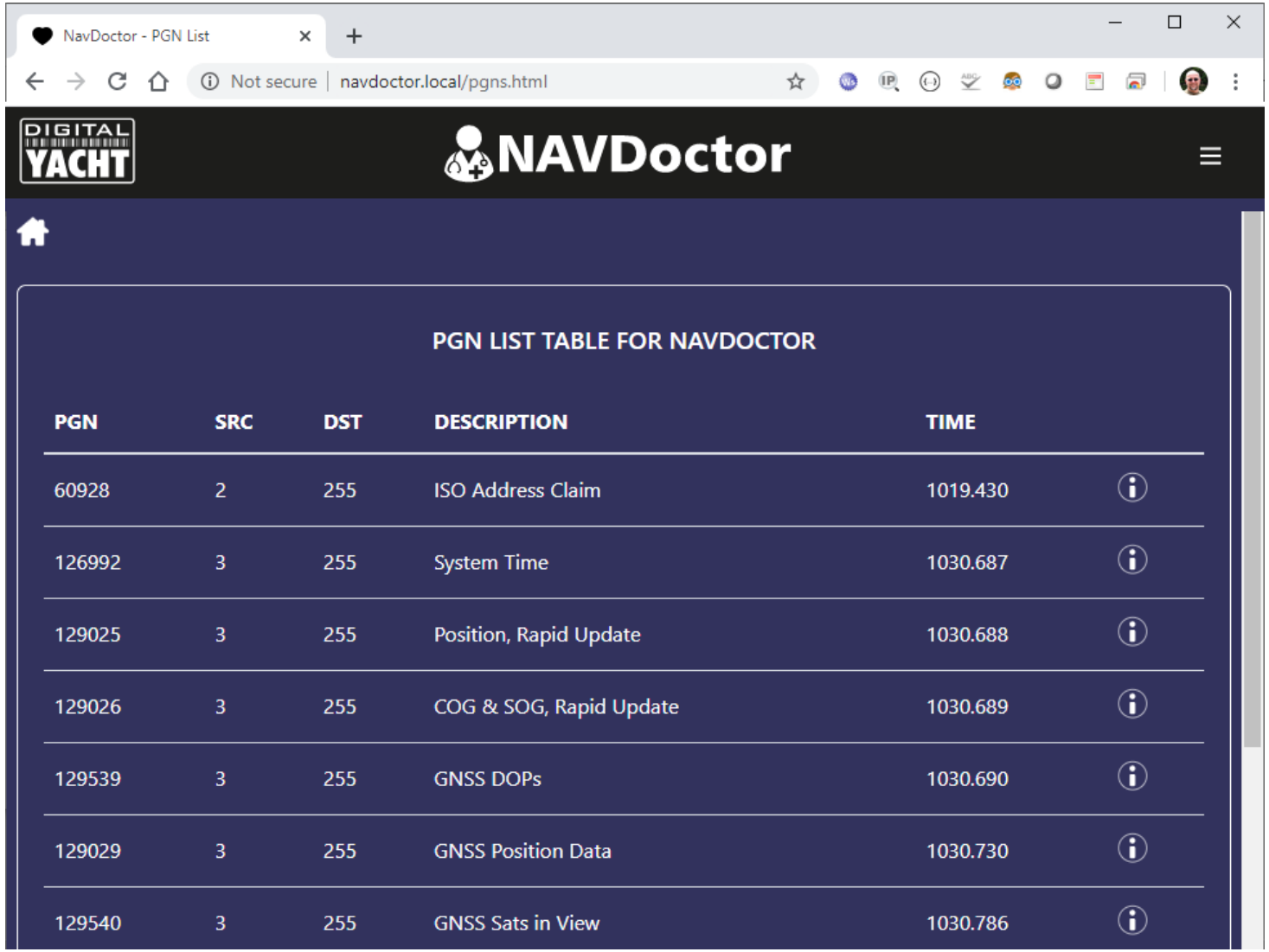
Typical Screen Displays – Device List

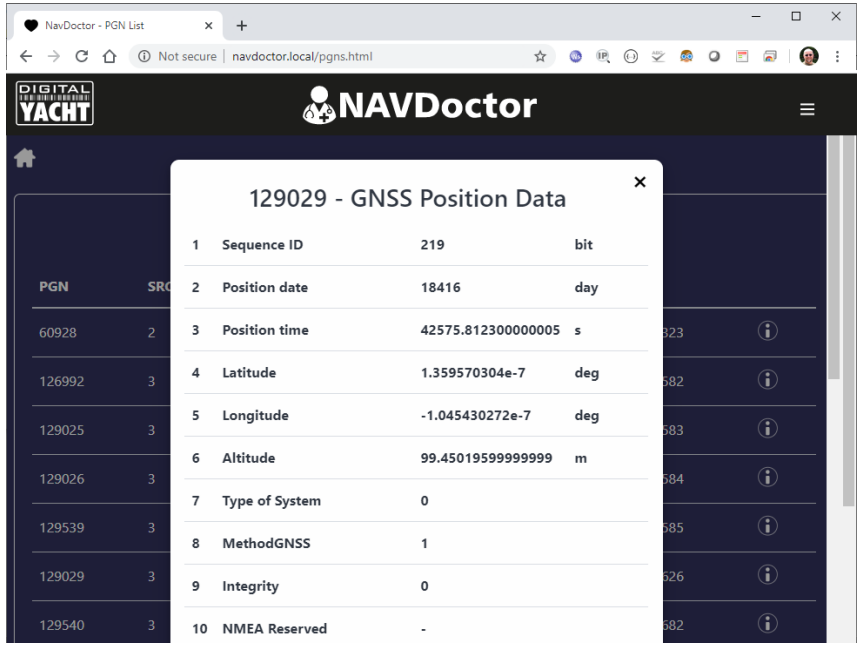




Device list shows all devices on the network with drill down providing extended information such as serial number, software version and NMEA certification and product ID

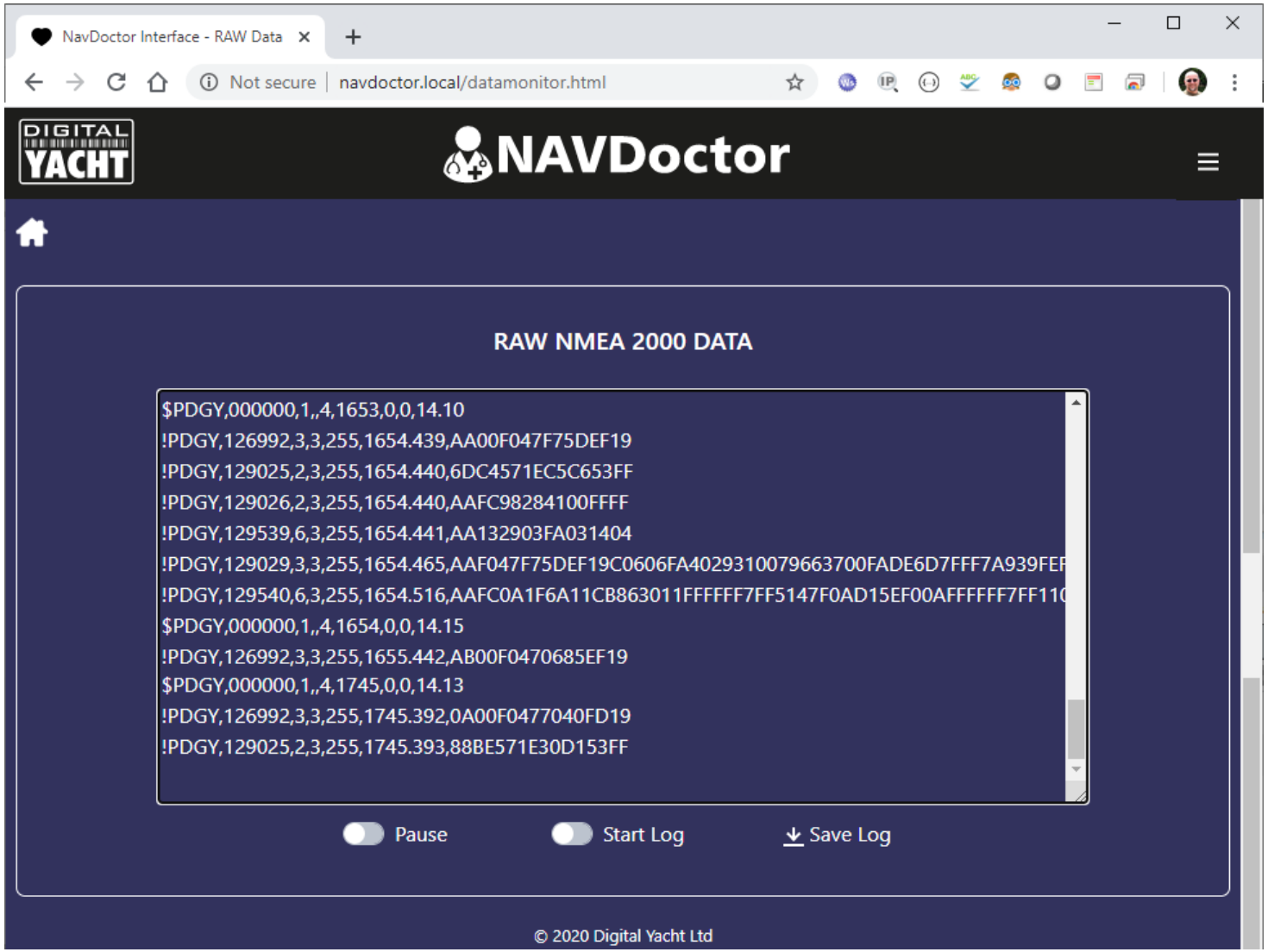
Typical Screen Displays – PGN List





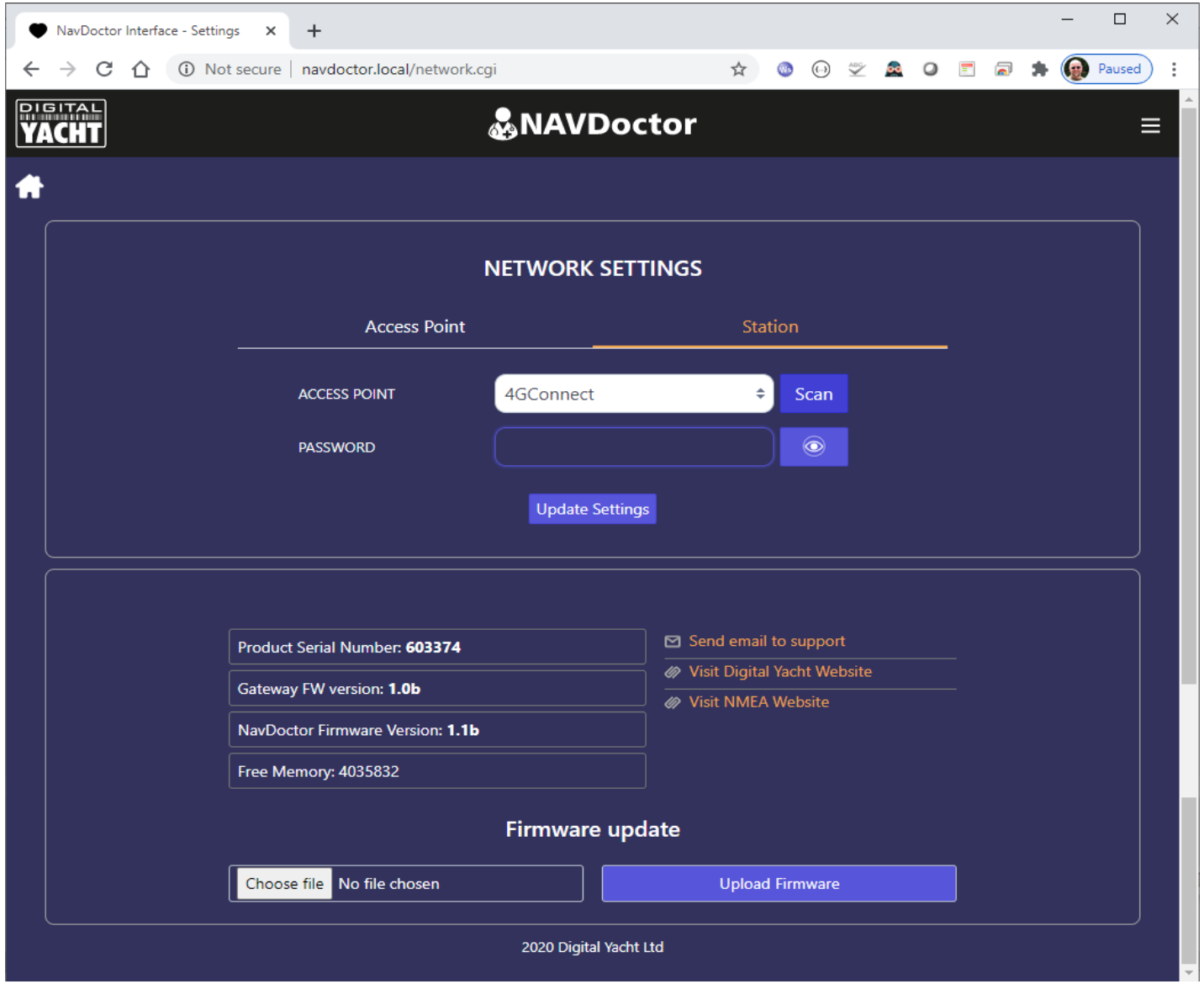
PGN list shows all data PGNs on network (including source and destination) with drill down and decoding

Typical Screen Displays – Raw Data & Log



Raw data log allows logging and saving of data for analysis (as a simple text file) as well as the ability to pause data display

Typical Screen Displays - Settings



NAVDoctor creates its own wifi access point but can also join another wifi network if required. Firmware updates can be easily implemented through the browser interface

Typical Screen Displays – Network Health

NAVDoctor also checks the physical status of the network and shows supply voltage, bus load, dominant and recessive voltage and error frame rate

Typical Screen Displays – Network Test Report

NAVDoctor can generate a printable network summary test report which is ideal for technicians to offer customers as a validation of the installation.