sharedImage.png

NMEA 2000 decipher

PGN: 01:36:27.998, R, 1FB 1000, 00 3E 78 6C 21 50 25 21

- 01:36:27.998 — Timestamp

- R — Receive by device
- 1FB 1000 — PGN number + other things in HEX

❗ PGN number... starting with dead character so in this case it is 1FB1000

Convert the PGN number from hexadecimal to decimal to get the actual PGN number.

Search the PGN number on the NMEA website PGN search - Beware some PGN entries might be wrong and show up no results so just search on internet.

Our PGN number is: 1FB10 which to decimal is 129808

129808 — DSC Call Information

✏️ Rule: If the first character of the
⚫ PGN is: 1,3,5,7,9,B,D,F it's 1!!

The last two digits (in this case 00) indicates the device that wrote the message.

00 — could be a radio device or 01 could be a chartplotter

🔵 Data — Ask Pijker if it can be deciphered