FMM003 Speed Elements

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- In the GPS element, there is a 2-byte speed. - this is speed based on GPS data, it is always included in the packet.

```
◢    GPS Element            15
        Longitude           4       253032016       0F-14-F6-50
        Latitude            4       547146368       20-9C-CA-80
        Altitude            2       111             00-6F
        Angle               2       214             00-D6
        Satellites          1       4               04
        Speed               2       4               00-04
```

- If I/O element "Speed" is enabled. In AVL data packets IO element with ID 24 is going to be included. It is a 2-byte I/O element - it is the same speed from GPS, just that it is included as IO element to have the possibility to create events for it.

```
2b Element count           1       5               05
ID                         1       182             B6
Value                      2       0               00-00
ID                         1       66              42
Value                      2       15130           3B-1A
ID                         1       24              18
Value                      2       0               00-00
```

- There is a I/O element with ID 37. This is a 1 byte element - it is speed from OBDII data. It is wise to use this element as the base for correct speed readings, as GPS data sometimes might be not very accurate.