WindSpeed

- volatile int m nb rotations
- volatile unsigned long m contact time
- volatile unsigned long m_average_time
- volatile double m_wind speed
- + WindSpeed()
- + ~WindSpeed()
- + void init()
- + void update()
- + void rotation()
- + double getWindSpeed()

GPS

- TinyGPSPlus m gps
- + GPS()
- + ~GPŠ()
- + void init()
- + void update()
- + double getLat()
- + double getLon()
- + double getCourse()
- + double getSpeed()
- + int getSatellites()
- + String getDate()
- + String getTime() + CoordLatLon getCoordLatLon()
- + CoordXY getCoordXY()

WindDirection

- float m raw wind direction
- float m_wind_direction
- + WindDirection()
- + ~WindDirection()

-m wd

- + void init()
- + void update()
- + float getWindDirection()
- + float getRawWindDirection()
- + void setFilteredWindDirection (float wind direction)

CMPS12

- SoftwareSerial ss cmps
- char m pitch
- char m roll
- float m vaw
- float m yaw raw
- + CMPS12()
- + ~CMPS12()
- + void init()
- + void update()
- + void calibration()
- + float getYaw()
- + float getYawRaw()
- + int getPitch()
- + int getRoll()

-m cmps

+ void setFilteredYaw (float yaw)

-m_ws

\-m_gps

Observer

- float m_true_wind_angle

- + Observer()
- + ~Observer()
- + void init()
- + void updateSensors()
- + void fusion()
- + void updateTrueWindAngle()
- + float getTrueWindAngle()
- + CMPS12 * cmps()
- + GPS * gps()
- + WindSpeed * ws()
- + WindDirection * wd()