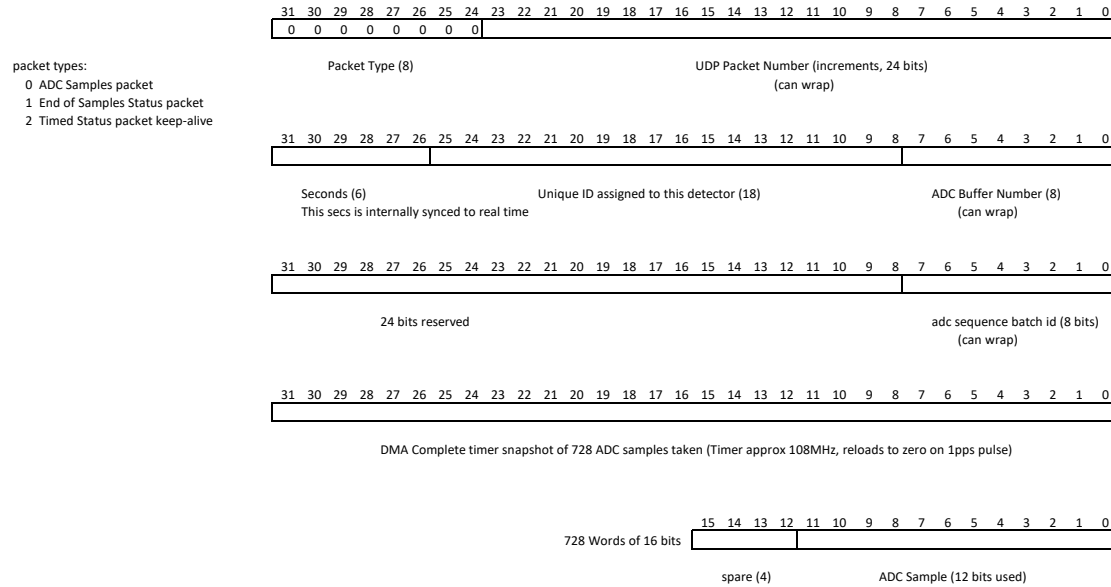
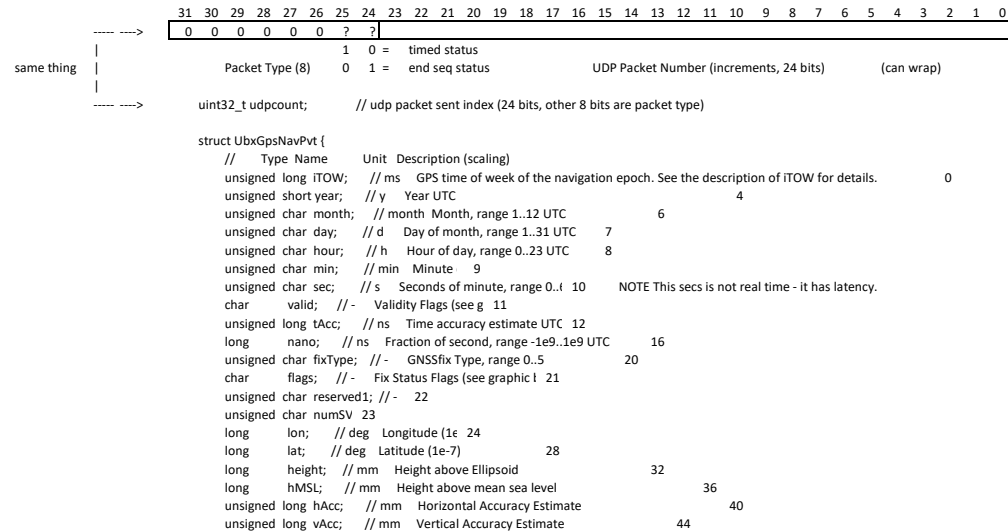


ADC SAMPLE PACKET (1472 Bytes)



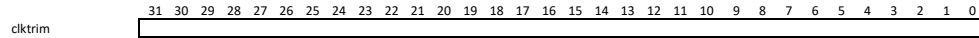
Status Packet (140 Bytes)



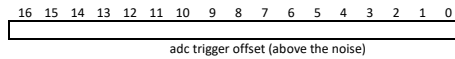
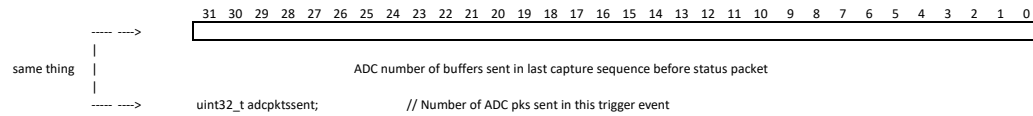
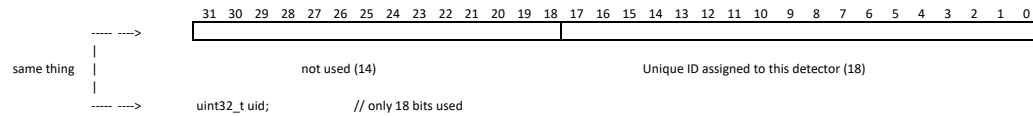
```

long    velN;    // mm/s  NED north velocity          48
long    velE;    // mm/s  NED east velocity          52
long    velD;    // mm/s  NED down velocity          56
long    gSpeed;  // mm/s  Ground Speed (2-D)         60
long    heading; // deg   Heading of motion 2-D (1 64
unsigned long sAcc; // mm/s  Speed Accuracy Estimate 68
unsigned long headingAcc; // deg   Heading Accu: 72
unsigned short pDOP; // -   Position DOP (0.01)      76
short    reserved2; // -   Reserved                  78
unsigned long reserved3; // -   Reserved             80
} NavPvt;

```



average of STM32 clock frequency referenced to 1pps

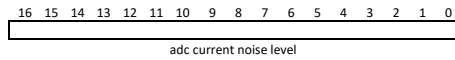


adc trigger offset (above the noise)

```

adctrigoff : uint16_t;
adcnoise : uint16_t;

```

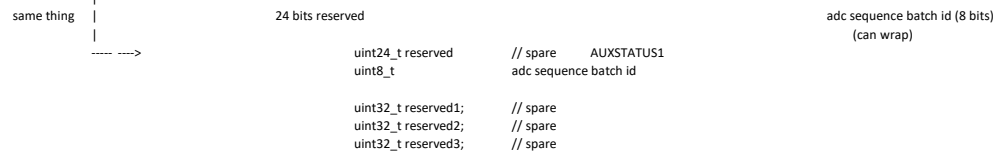
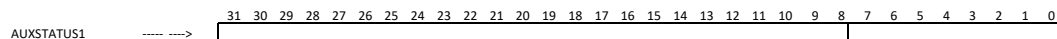


adc current noise level

```

uint32_t sysuptime; // number of seconds system up from boot uptime
uint32_t netuptime; // number of seconds network up
uint32_t gpsuptime; // number of seconds gps locked
uint8_t majorversion; // major ver
uint8_t minorversion; // minor ver
uint16_t adcnoise; // adc average peak noise

```



Any new fields to be added here

end sentinel marker (keep at the end) uint32_t telltale1; // end of status packet marker 0xFEEDCODE