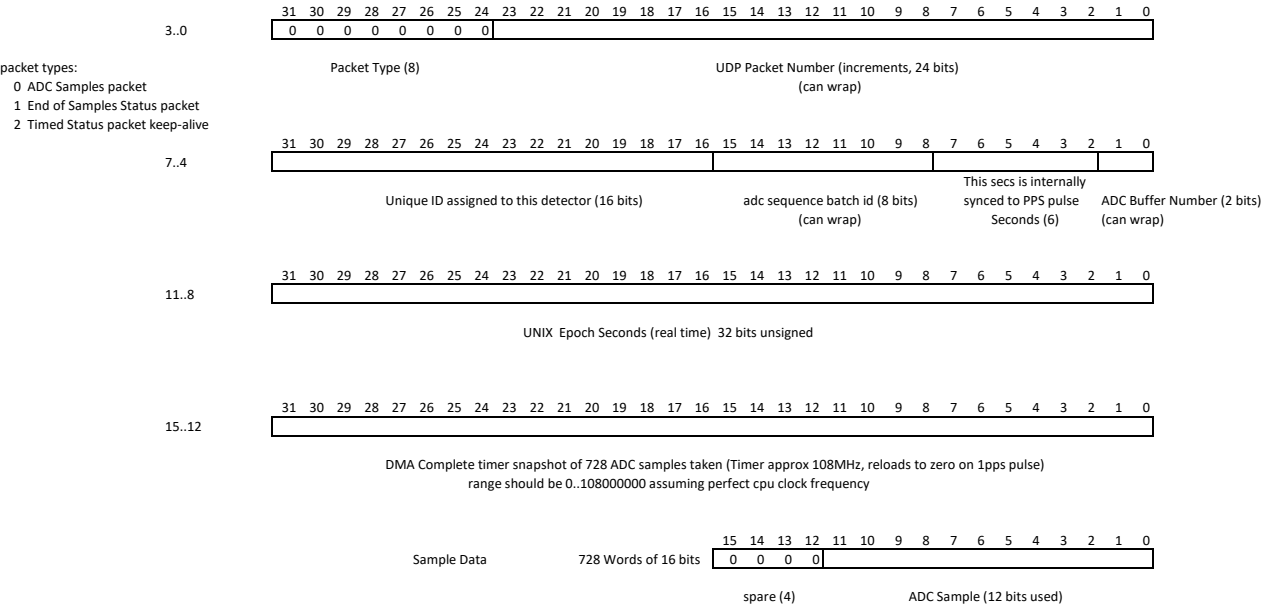
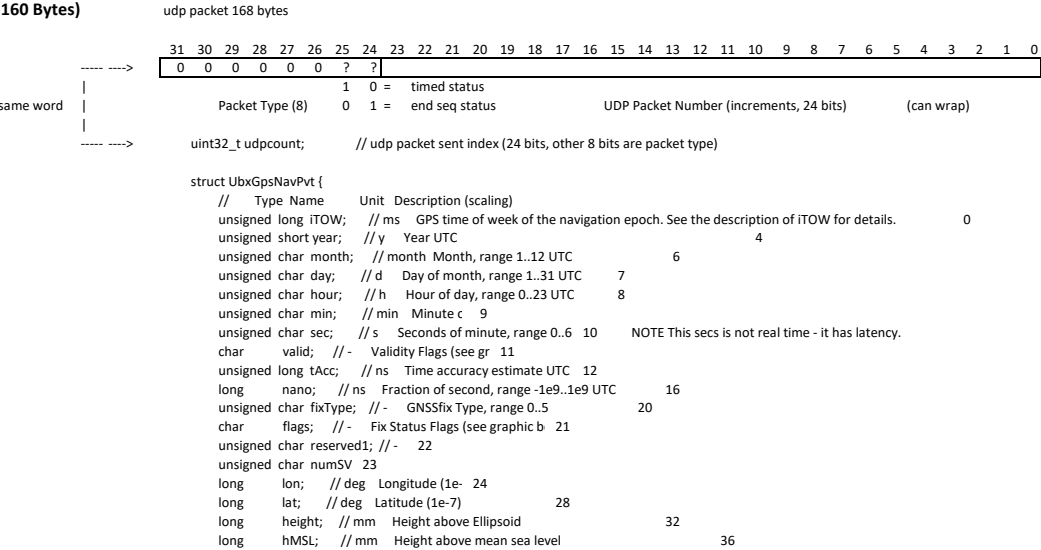


ADC SAMPLE PACKET (1472 Bytes)



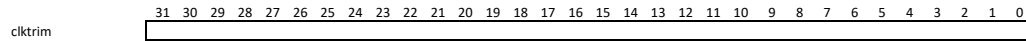
Status Packet (160 Bytes)



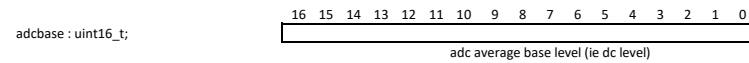
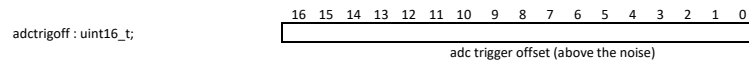
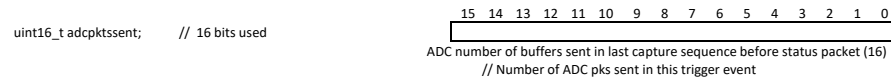
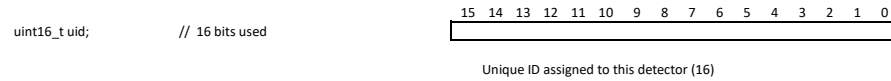
```

unsigned long hAcc; // mm Horizontal Accuracy Estimate 40
unsigned long vAcc; // mm Vertical Accuracy Estimate 44
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 (14) 64
unsigned long sAcc; // mm/s Speed Accuracy Estimate 68
unsigned long headingAcc; // deg Heading Accuracy 72
unsigned short pDOP; // - Position DOP (0.01) 76
short reserved2; // - Reserved 78
unsigned long reserved3; // - Reserved 80
} NavPvt;

```



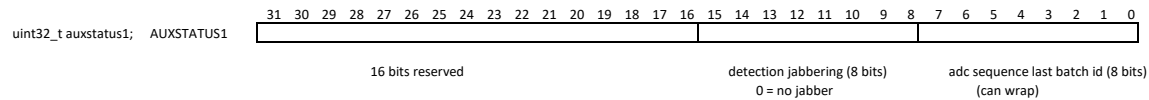
average of STM32 clock frequency referenced to 1pps



```

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; // STM firmware major ver
uint8_t minorversion; // STM firmware minor ver
uint16_t adcnoise; // adc average peak noise

```



```

uint32_t adcdpover; // adc -> udp send overruns
uint32_t trigcount; // adc trigger count
uint32_t udp sent; // udp sample packets sent
uint16_t peaklevel; // peak trig level
uint16_t jabcnt; // jabber counter
uint32_t noisevar; // noise variance
uint32_t epochsecs; // unix epoch seconds
uint32_t reserved1; // spare
uint32_t reserved2; // spare

```

Any new fields to be added here

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