

[illegible][illegible]

```

Mission Planner [ ] GCS [ ] "@SYS"[ ] crash dump.bin [ ] .
./../../images/crash_dump.png_
[ ] [ ] , [ ] ** [ ] **
```

XXXXXXXXXX , XXXXX git- hash X XXXXXXXX GCSXXXXXX .

[../../images/git-hash.png](#)

ArduPilotXXXXX ,XXXXXXXXXXXX (X :XXX -4.6, XX 4.6, XX -4.6), (XX (XX)
). XXXX "XXX ",XXXXXX "XXX ",XXXXXX crash dump.bin XXXXXXXX /X git-hash
XXXXX XXXXXXXX ,XXXXXX ,XXXXXX



XXXXXXXXXXXX XXXXXXXX "MSG"XX ,XXXXXXXXXX "XXX "XX .
XXXXX ,XXXXXXXXXXXX

[../../images/watchdog.png](#)

WDOG XXXXXXXX ,XXXXXXXXXXXX

- XX : XXXXX OR

“ ○ -1 XXXXXXXX
○ -2 XXXXXXXX
○ -3 XXXXXXXX IMUXX

- IERR: XXXXX
- IERCNT: XXXXX
- MavMsg: XXXXXXXX MAVLink id
- MavCmd: MAVLink Command LONG X Command LONG INT XXXXXXXX
- SemLine : XXXXXXXX semaphore XXXXXXXX ,
- FL:XXX ,XXXXXXXXXX . XXXXXXXX , XXXX
- FT:XXX (XX [AP HAL ChibiOS/system.cppXXXXX](#))

“ ○ 1 = XX
○ 2 = XXXX XXX NMI
○ 3=XXX (XXXX)
○ 4=XXXXX
○ 5 = XXXX
○ 6=XXXX

- FA:XXXX (XX). XX ,XXXXXXXXXXXX ,XX 0
- FP : XXXX (XX APM MONITOR PRIORITY XXXXXXXX)[AP HAL ChibiOS/ Scheduler.h](#)
)

- ISSR : ██████████ (██ ST████ "ICSR████ ").

██ *ArduPilot Copter*██ *Independent Watchdog and Crash Dump*██ · [████](#) · CC BY-SA 3.0

████ #2

██ Admin █████ 2026-10-09 14:36:28 UTC

██ Admin █████ 2026-10-10 01:44:51 UTC