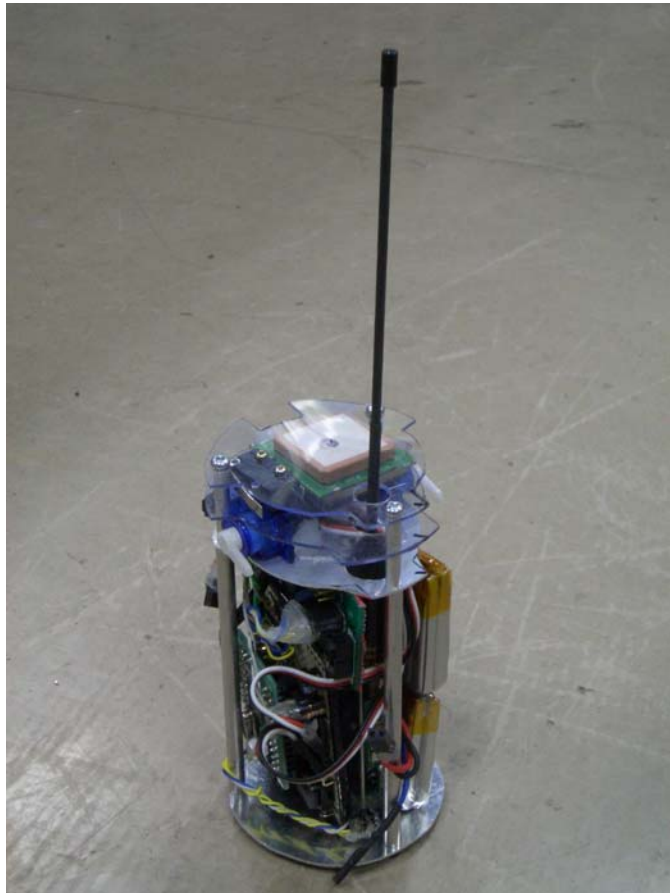


RESULT of ARLISS

“CoolRunning Ver.3”



Kagawa-university.

Osamu Kitagawara

Yusuke Saisoh

OUTLINE of COOLRUNNING Ver.3

Class 350ml CanSat

Height: 124 [mm]

(Without antenna)

Diameter: 65[mm]

Weight: 344[g]

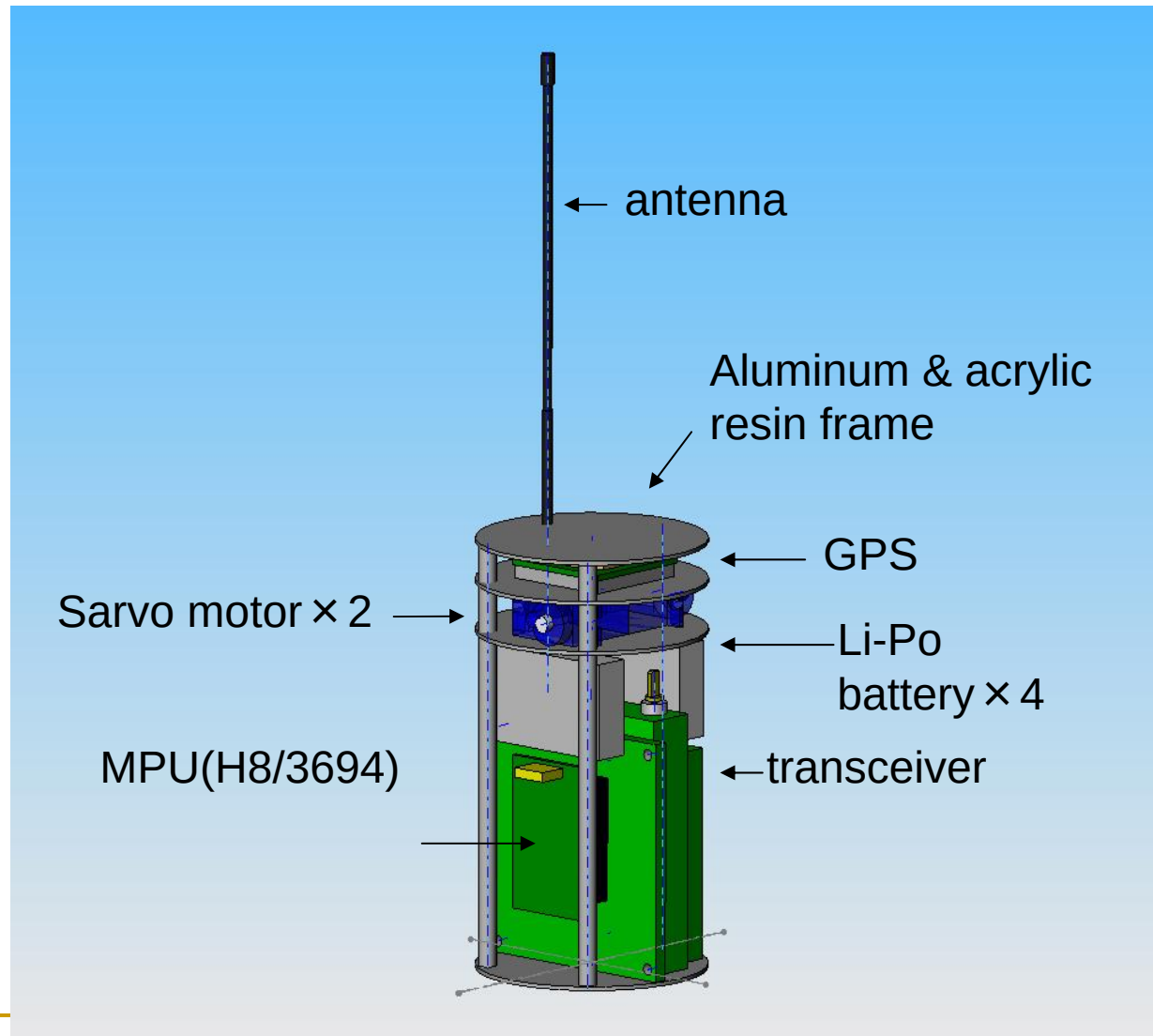
Use parafoil

Development point
from last ARLISS

Two servo motors

Use Amatua radio
format

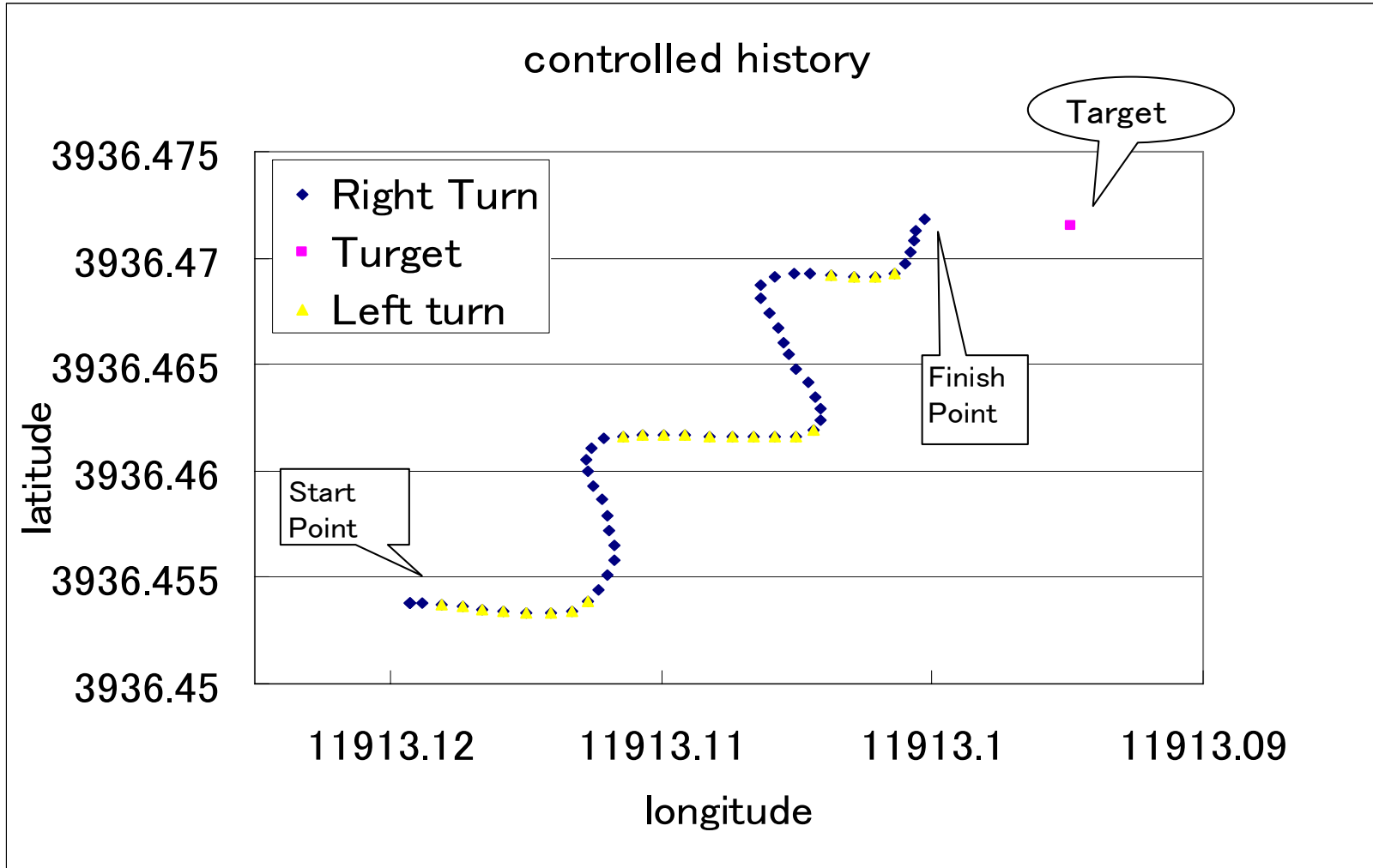
Big battery



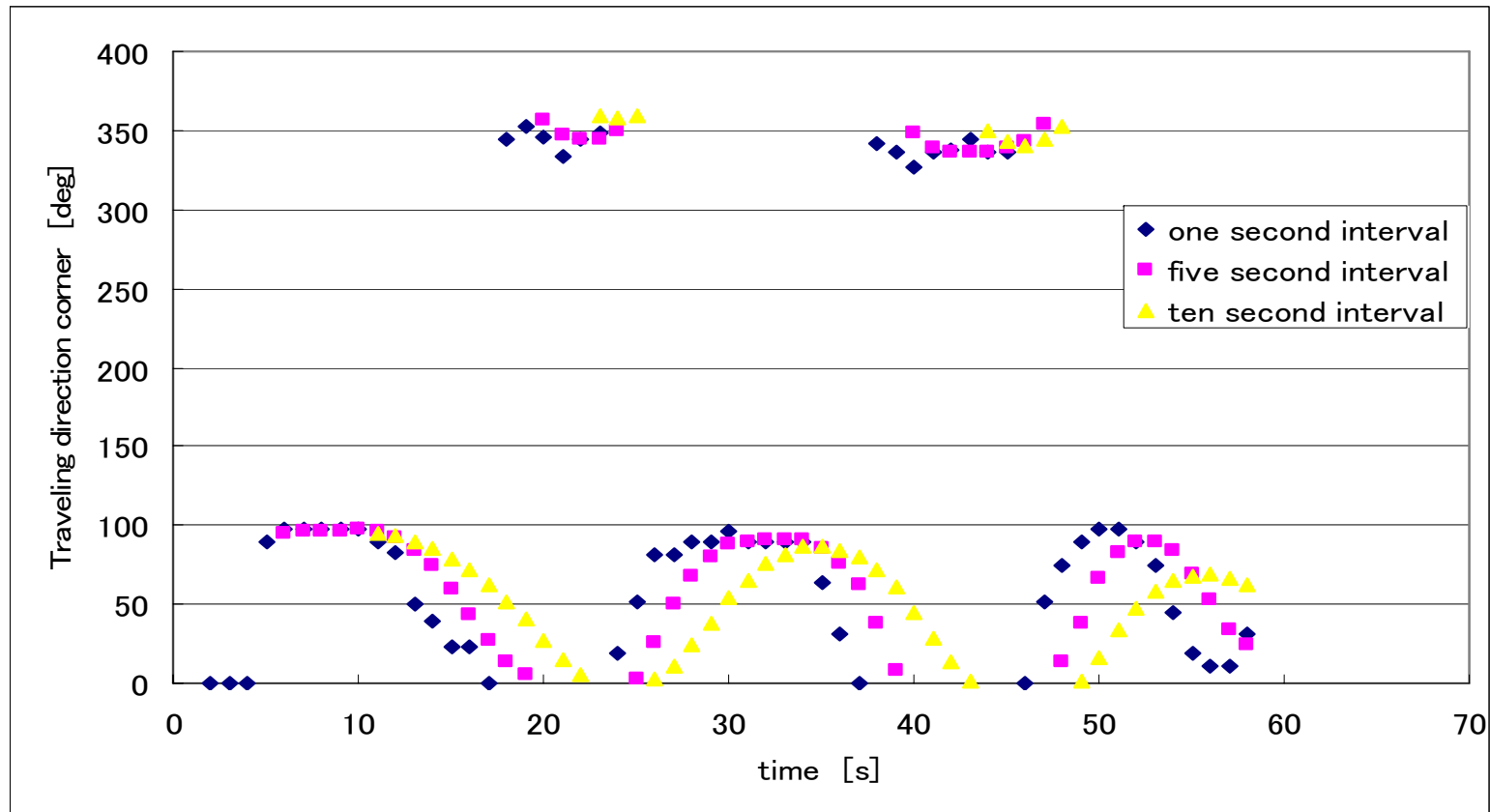
MISSION

- Downlink of GPS data & servomotor's control value.
 - Autonomous control for Comeback to target by operating Parafoil (based on the traveling direction).
 - If release detection is failed, it compensated by altitude detection (over 3000m) & time detection (2 hours over)
-

TEST Result

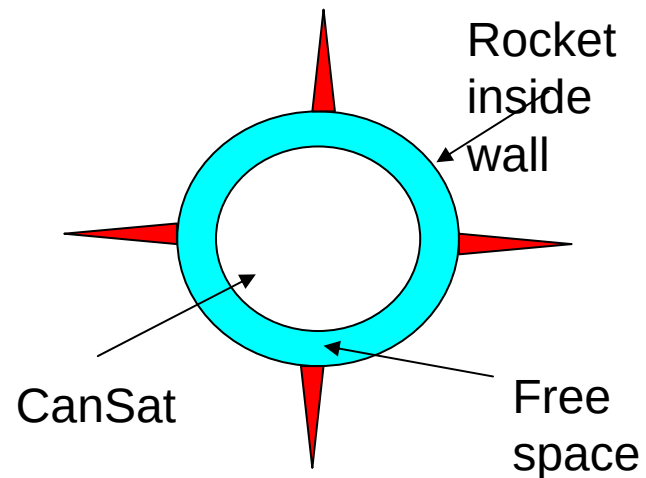


Traveling Direction Corner



RESULT (First Flight)

- No downlink data.
- No Rom data.



RESULT (Second Flight)

