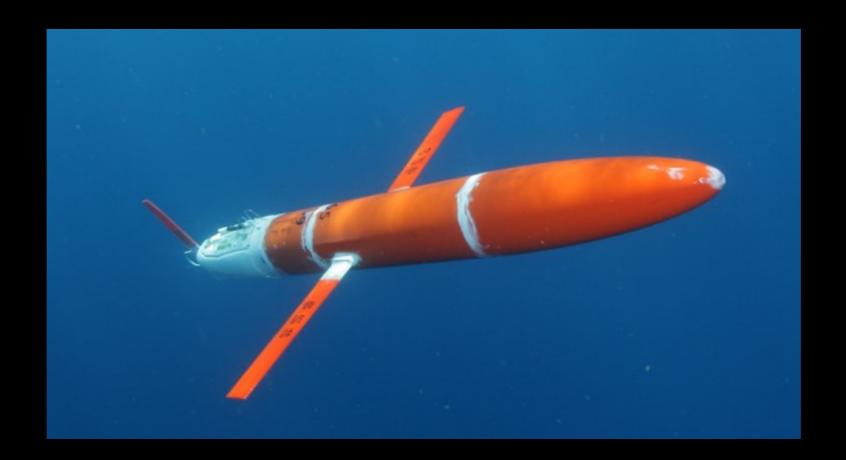


Instrument Development Group

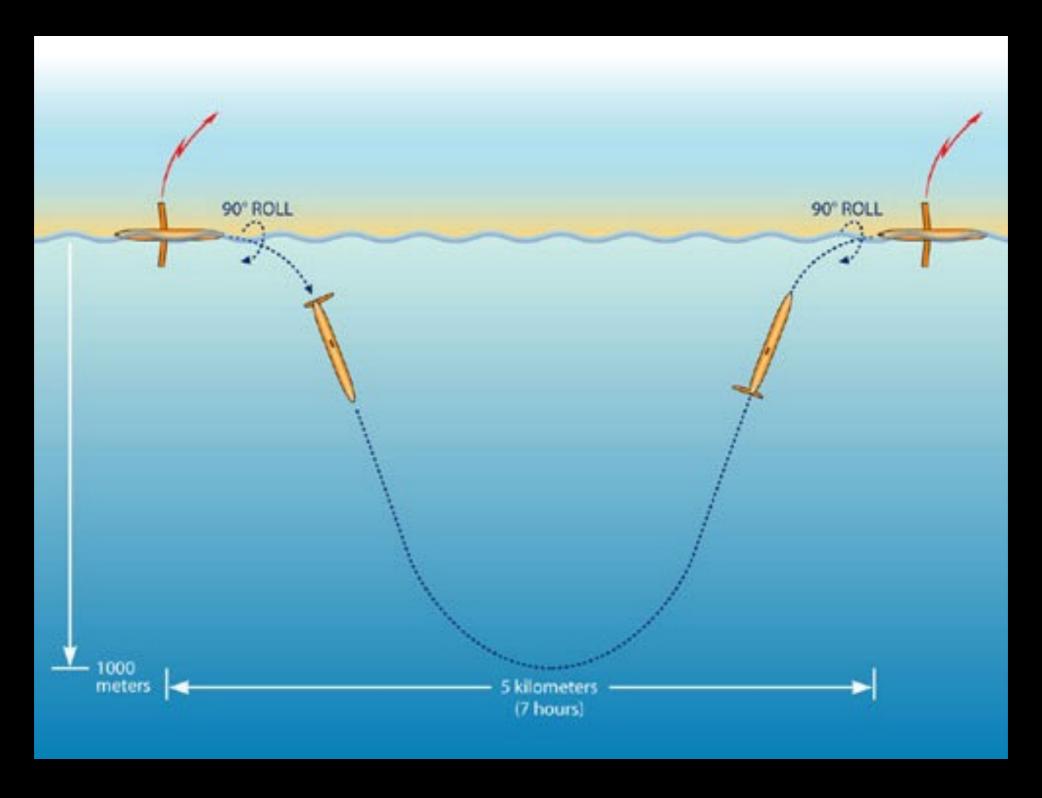


Spray Underwater Glider

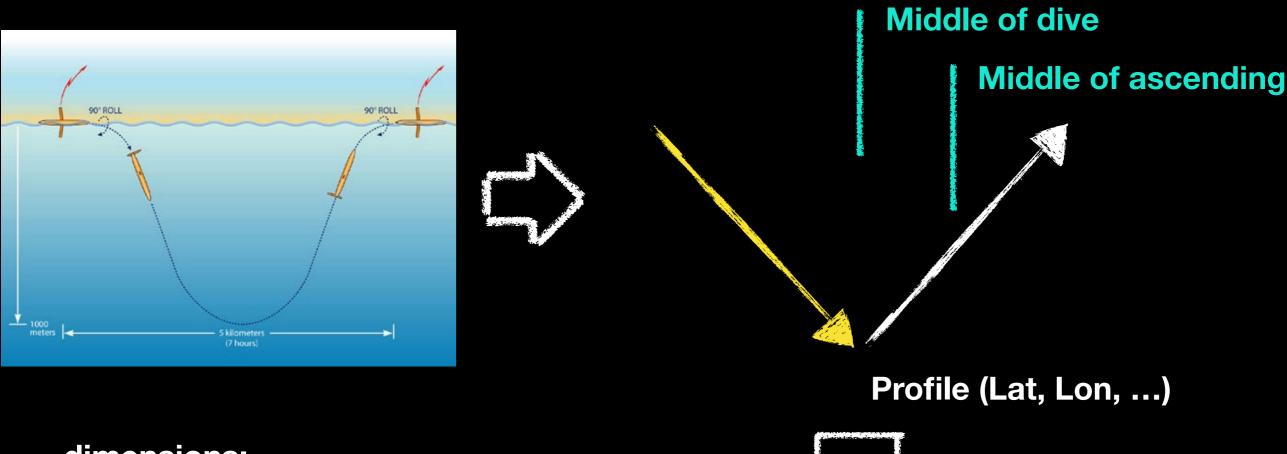
Gui Castelão castelao@ucsd.edu



Sampling pattern

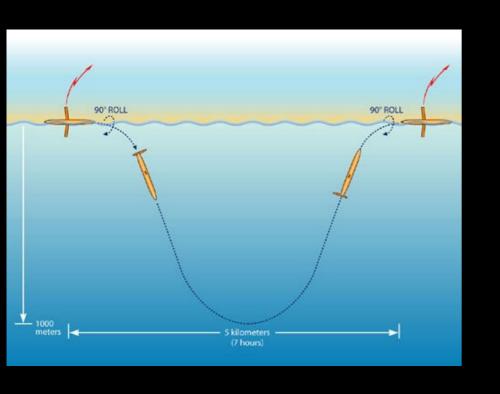


Simple profile



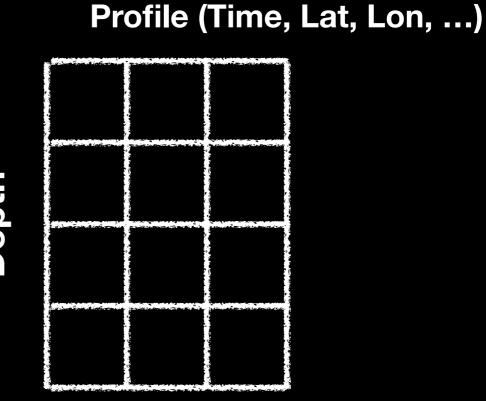
```
dimensions:
    time = 104;
    name_strlen = 14;
variables:
    char trajectory(name_strlen);
    double time(time);
    double lat(time);
    float temperature(time);
```

(single) Trajectory Profile

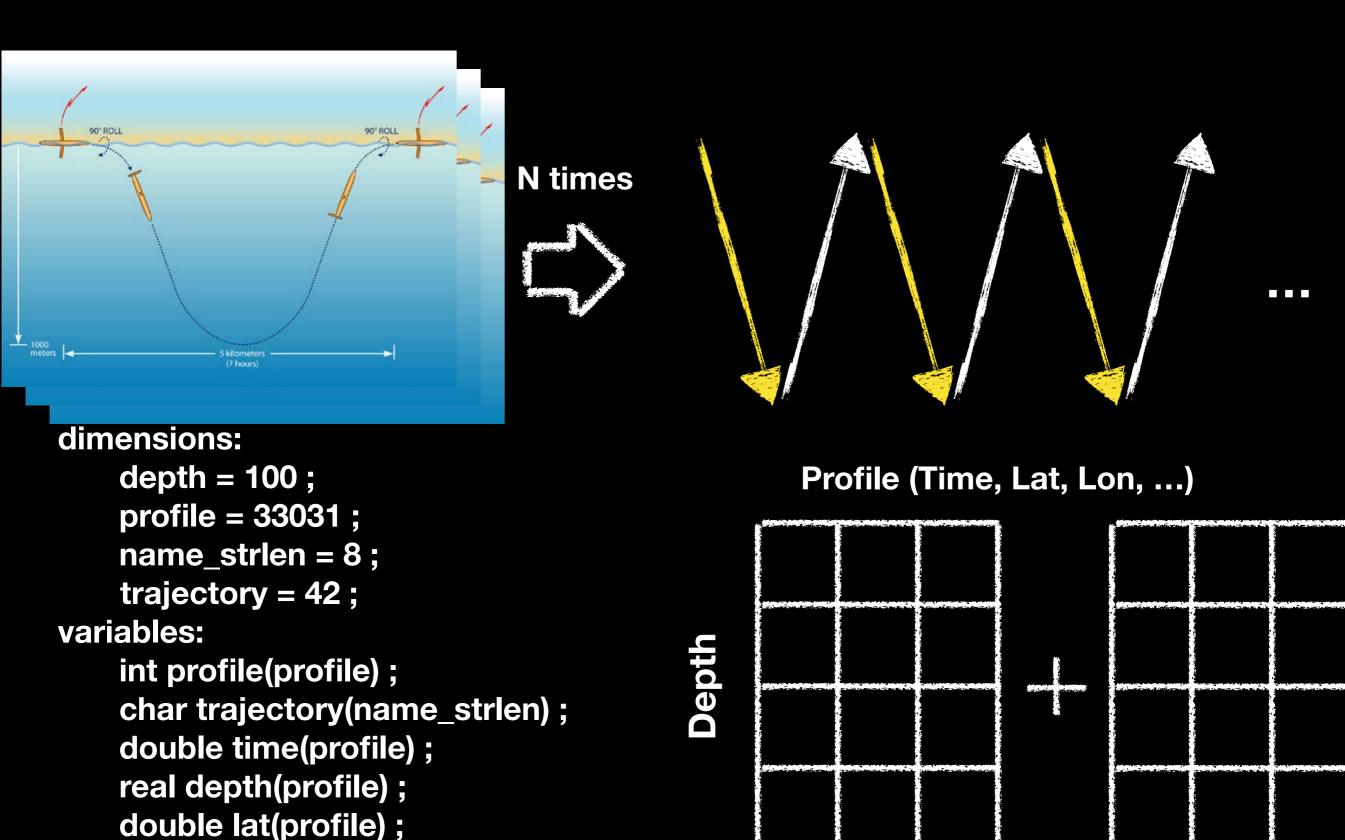




```
dimensions:
    depth = 100;
    profile = 544;
    name_strlen = 8;
variables:
    int profile(profile);
    char trajectory(name_strlen);
    double time(profile);
    real depth(profile);
    double lat(profile);
    float temperature(depth, profile);
```



(Ragged) Trajectory Profiles



float temperature(depth, profile);

How to handle DOIs?

```
// global attributes:

:Conventions = "CF-1.6, ACDD-1.3";

:title = "California Underwater Glider Network";

...

:id = "CUGN_line_90_v1";

...

:doi = "10.21238/S8SPRAY1618";
```

- Does CF consider DOI?
- Attribute Convention for Data Discovery (ACDD) recommends field id:

"An identifier for the data set, provided by and unique within its naming authority. The combination of the "naming authority" and the "id" should be **globally unique**, but the id can be globally unique by itself also. IDs can be URLs, URNs, DOIs, meaningful text strings, a local key, or any other unique string of characters. The id should not include white space characters."

spraydata.ucsd.edu

