

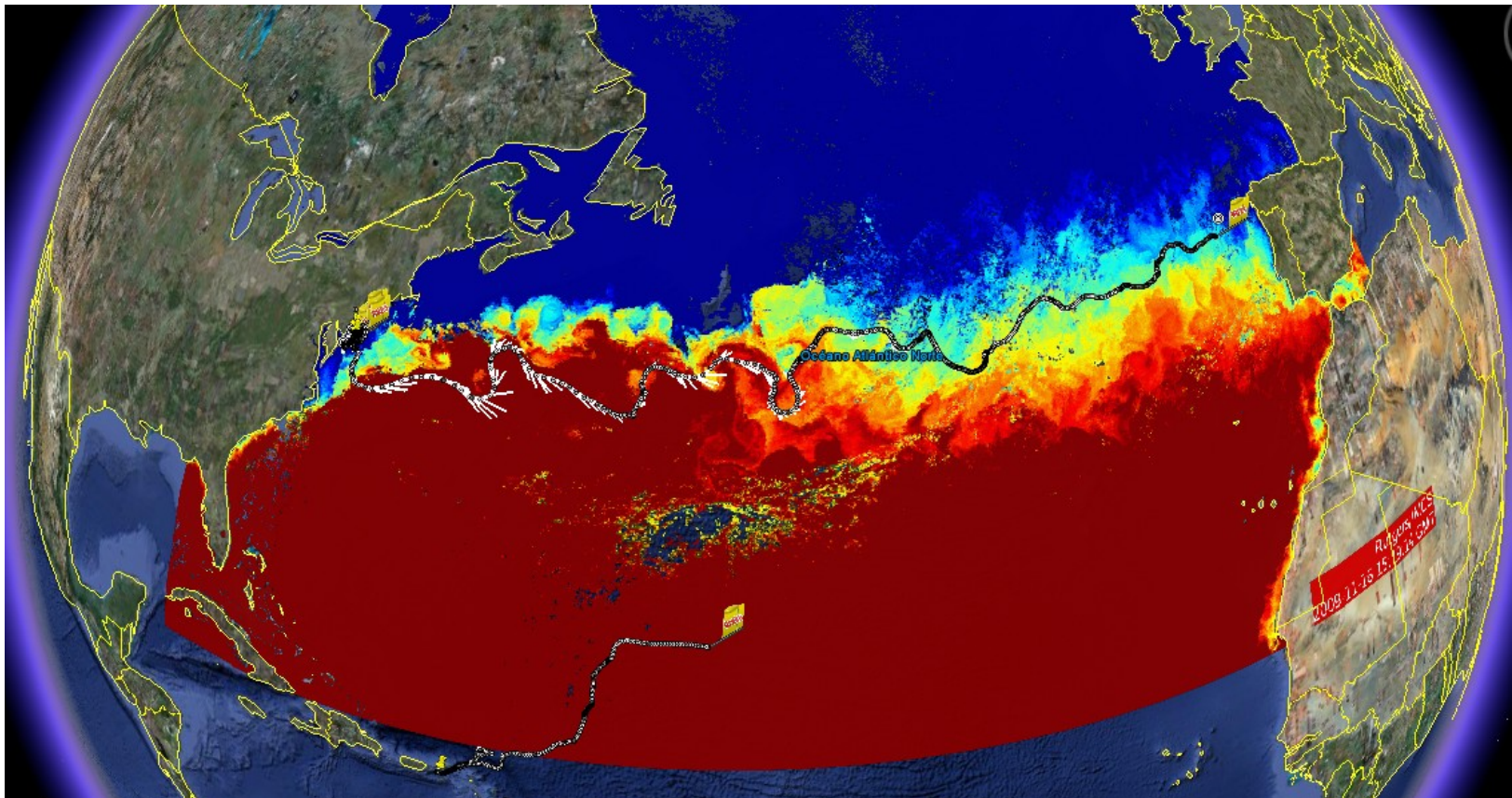
Trans-Atlantic Glider Technology School (TAGTS):

Engaging students in long duration underwater glider missions through a Trans-Atlantic partnership

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(2) Rutgers University-Coastal Ocean Observation Lab (RU-COOL). New Brunswick. NJ 08901. USA

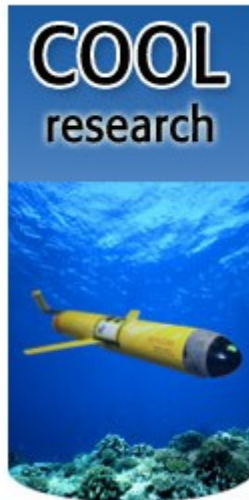


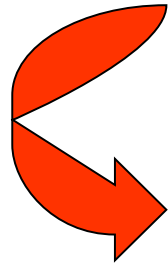
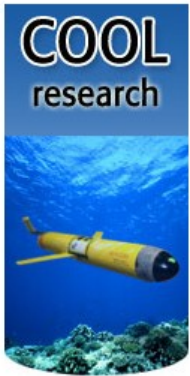
TAGT's MAIN GOAL

To develop and consolidate a multidisciplinary consortium in the North-Atlantic with the aim to establish **REGULAR MISSIONS** across the Atlantic.



Working Protocol based on **RU-COOL's PROGRAMME AND SUMMER PROGRAMME**

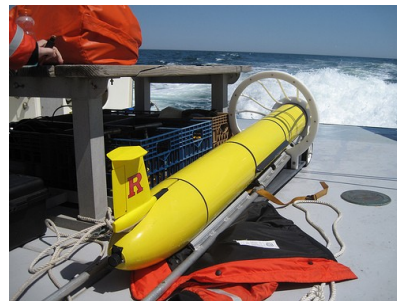




Support the system with 75% effort from
students exchange between partners.



Professional glider operators

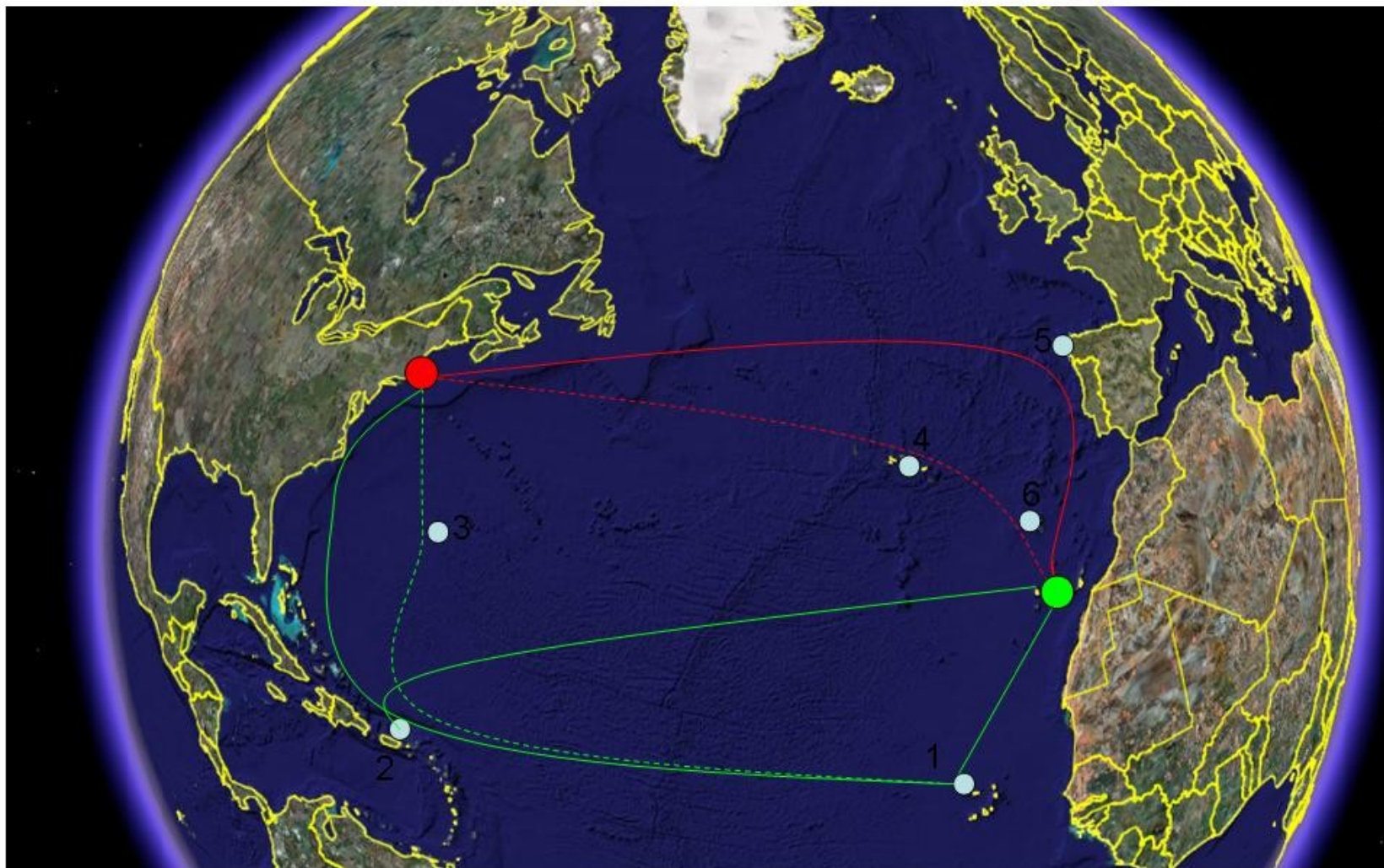


Coordinator: { Rutgers University. RU-COOL (USA) **Josh Kohut**
Plataforma Oceanica de Canarias –PLOCAN- (Spain)
Carlos Barrera

Partners: { University of Azores. (Portugal) **Ana Martins**
INDP (Cape Verde Archipelago – Portugal) **Oscar Melicio**
UPRM (Puerto Rico. USA) **Julio Morell**
Others are welcome.

Main Involved Companies: { Teledyne Webb Research (USA) **Clayton Jones**
Bluefin Robotics (USA) **Deanna Abraham**
GMV (Spain) **Joaquin Cosmen**
Electrochem (USA)
Others are welcome.





● Rutgers University (USA)

● PLOCAN (Spain)

1 ● to 6 ● Potencial partners

— Main Transect

- - Optional Transect

BOLTS and NUTS

COORDINATOR

(funds, devices, set-up, data, students, ...)

INVOLVED DIRECT PARTNERS

(funds, devices, set-up, data, students, vessels...)

INVOLVED INDIRECT PARTNERS

(S&R, R/V, ...)

DATA PROVIDERS/CONTRIBUTORS

•(data)

COMPANIES

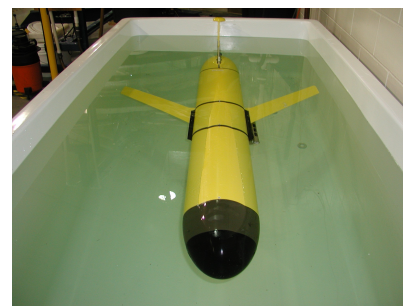
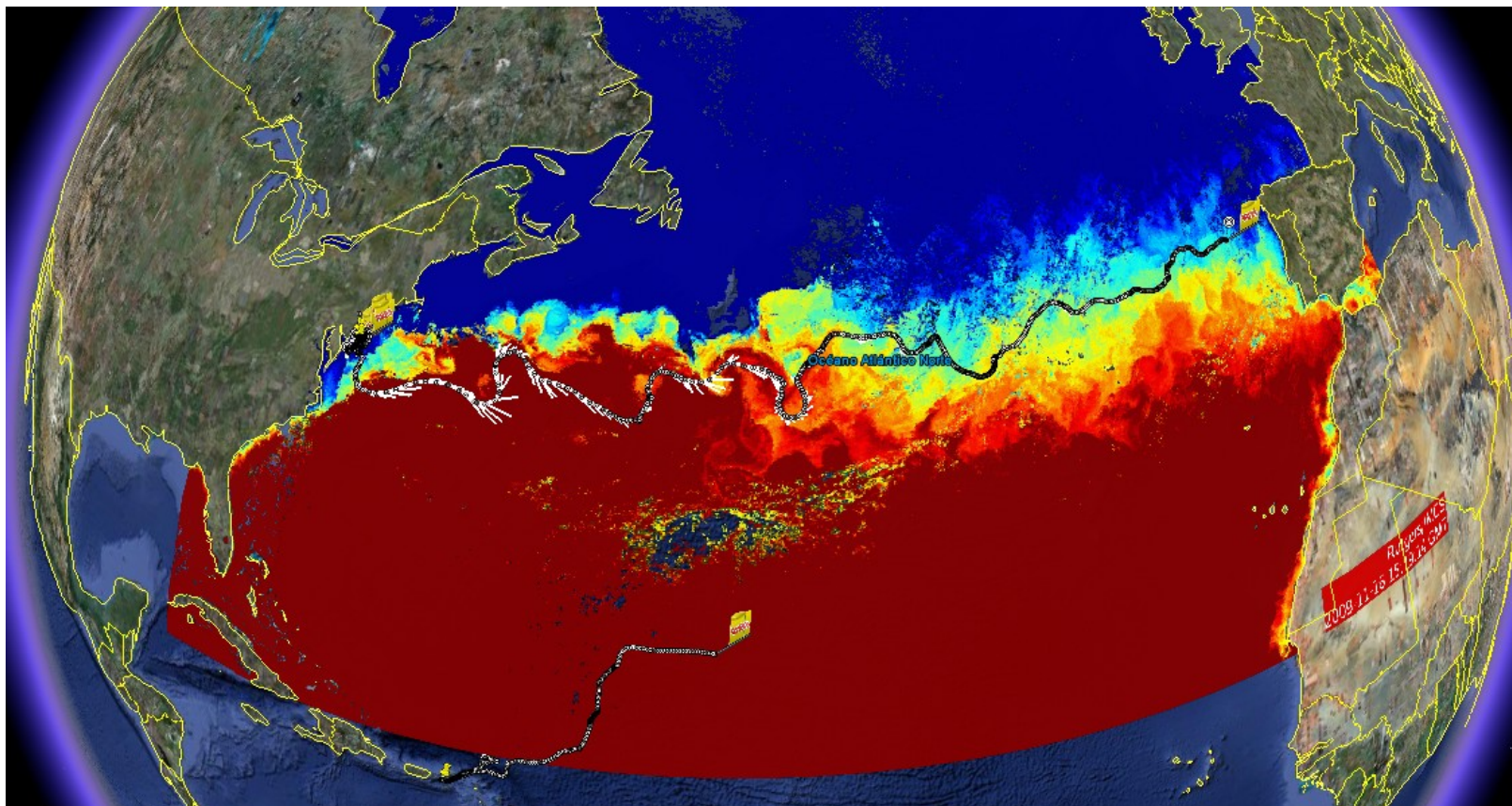
(new glider technologies, sat-link, batteries,....)

SCIENCE, EDUCATIONAL AND DISSEMINATION

(press, Google Earth,...)

EXAMPLE of FIRST SUCCESSFUL MISSION





Main Actions between RU-COOL and PLOCAN

PLOCAN's and U.Azore's students to RU-COOL for 2 month technical stage

PLOCAN provide daily data to RU-COOL for RU-27 mission

PLOCAN provide daily data to RU-COOL for DRAKE mission

PLOCAN operational activities in regards DRAKE piloting and future recovery in Gran Canaria

PLOCAN's staff members visit RU-COOL for 3 month scientist stage

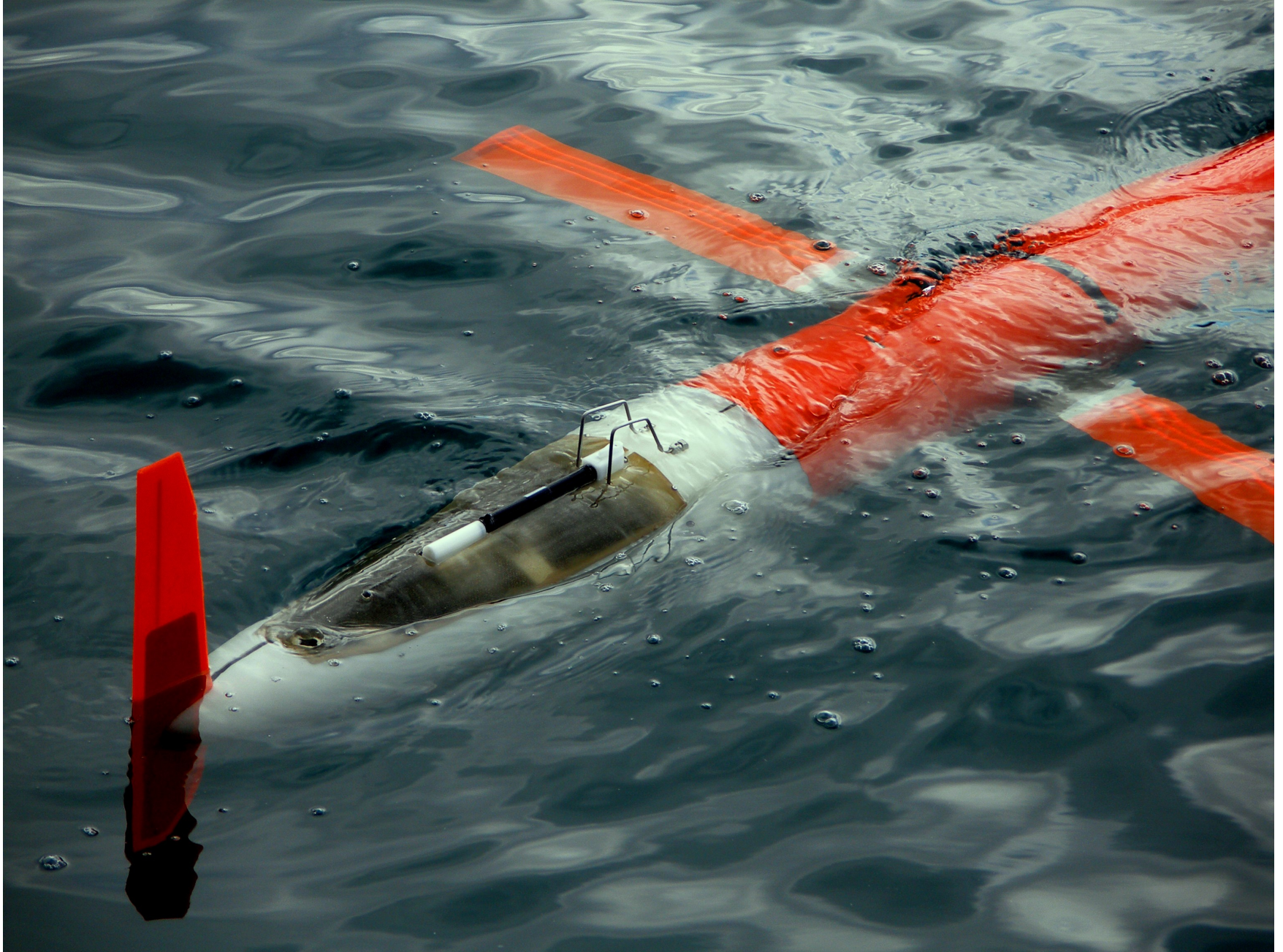
Comparison between glider technologies

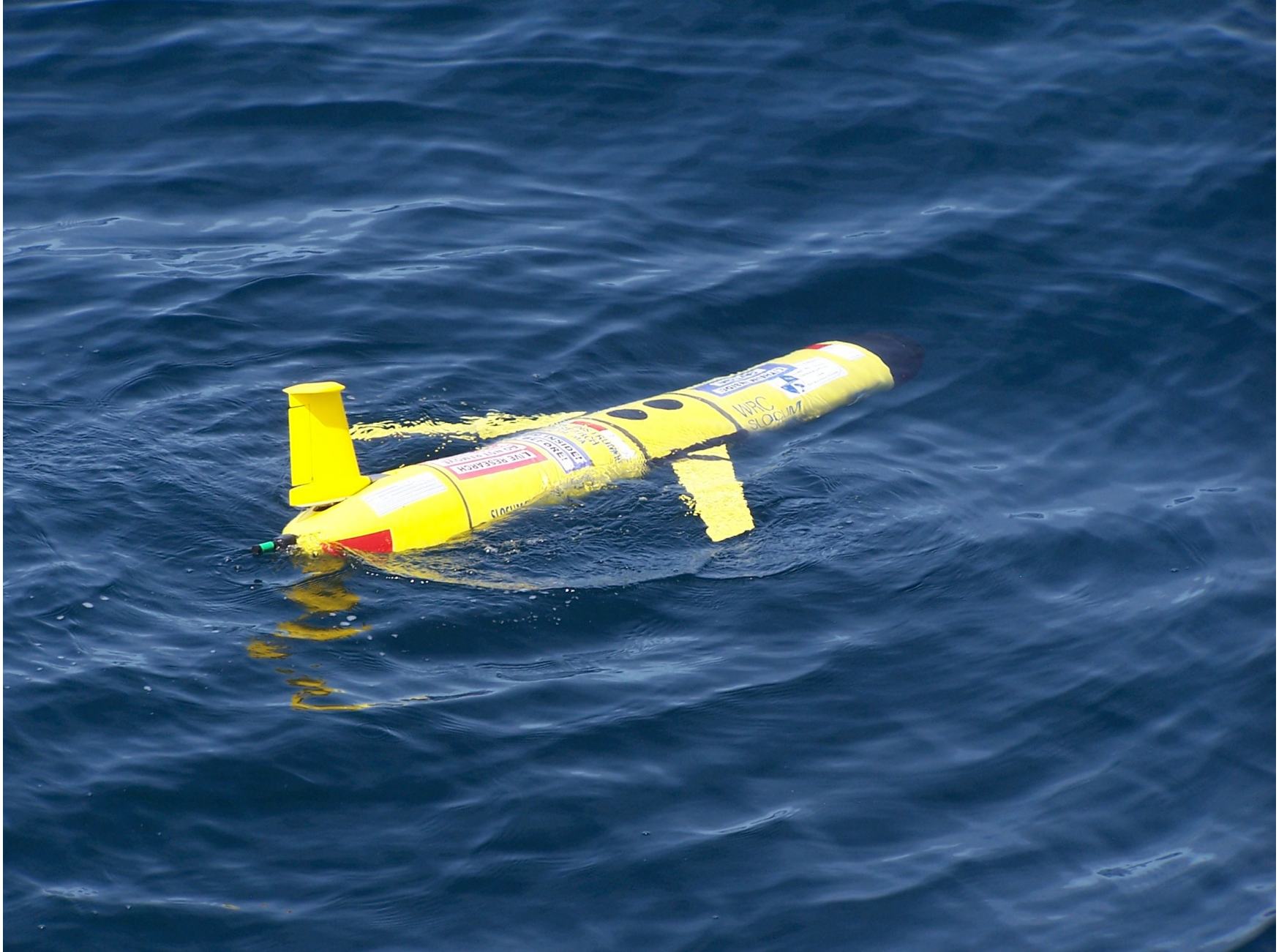


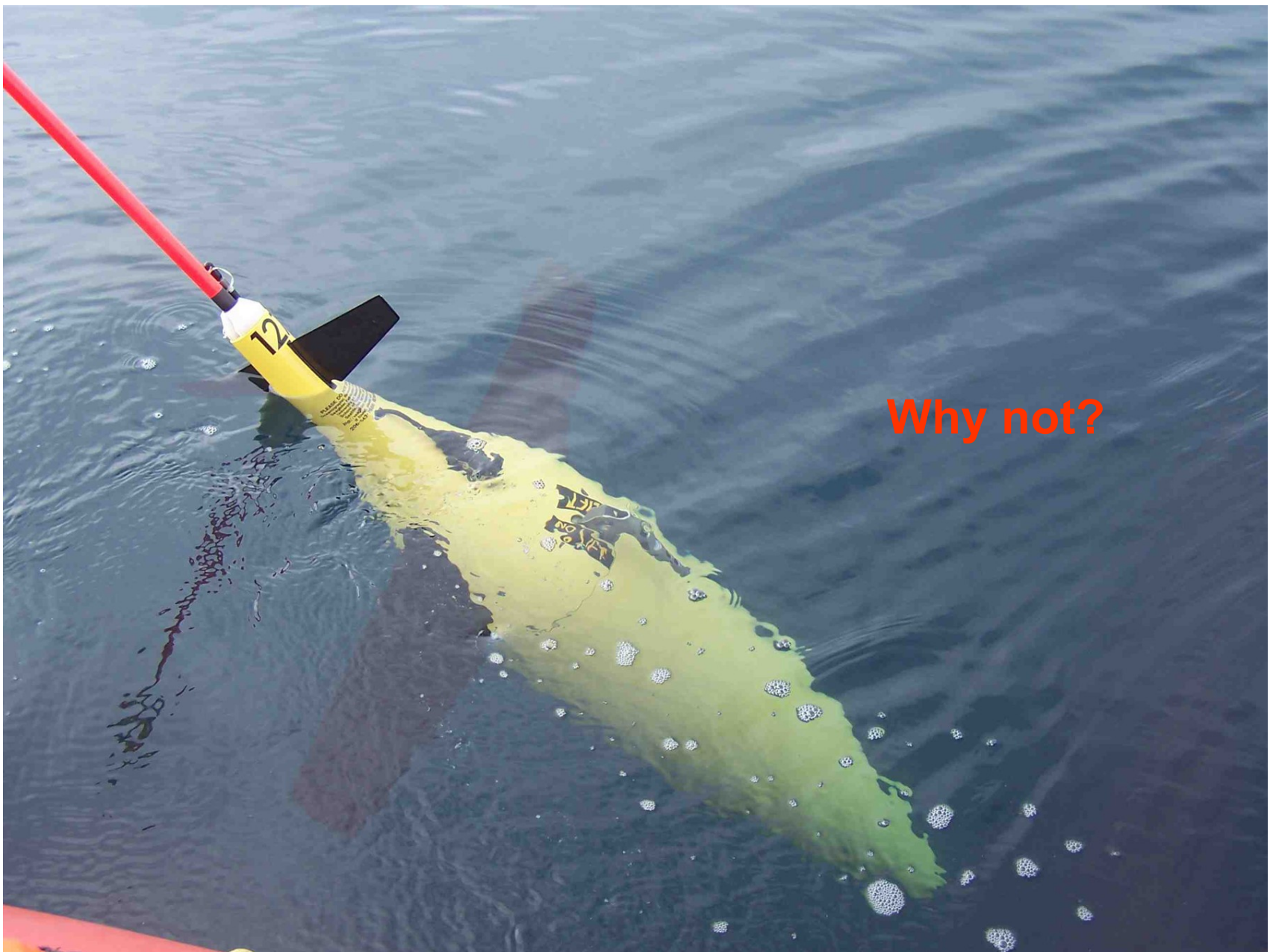
Theme: Activities of International Cooperation
Call: FP7-INCO-2009-5_ Support Action

TAGTS Project_PartB
January 2009

International project proposal between RU-COOL and PLOCAN







Why not?



Thank you for listening

Any questions?

