Observatory 4
Central Irminger Sea (CIS)

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Surface telemetry buoy of CIS installation
- Multidisciplinary mooring configured for research in a high latitude deep convection region
- Observations focus on the upper 1500m and start close to the surface
- Data includes:
  - Physical (T, S, U/V) parameters
  - Biogeochemical (O₂, Chl-a, zooplankton) parameters
- Site is in the vicinity of the planned US OOI global node „Irminger Sea“
Real time (RT) data provided (T/S/O$_2$; upper 1000m) to public
(access: Coriolis OceanSITES directory)
Activities next 4 years:

- Mooring service
  (ship time granted/applied: 2014, 2015, 2016)

- Merge CIS with neighbouring LOCO mooring
  (NACLIM activity; coll. Laura de Steur, NIOZ)

- 2014: Add new develop surface module

- 2014: Add meteorological sensors
  (Air pressure & temperature)