

# Our vessels



Kronprins Haakon



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Kristine Bonnevie

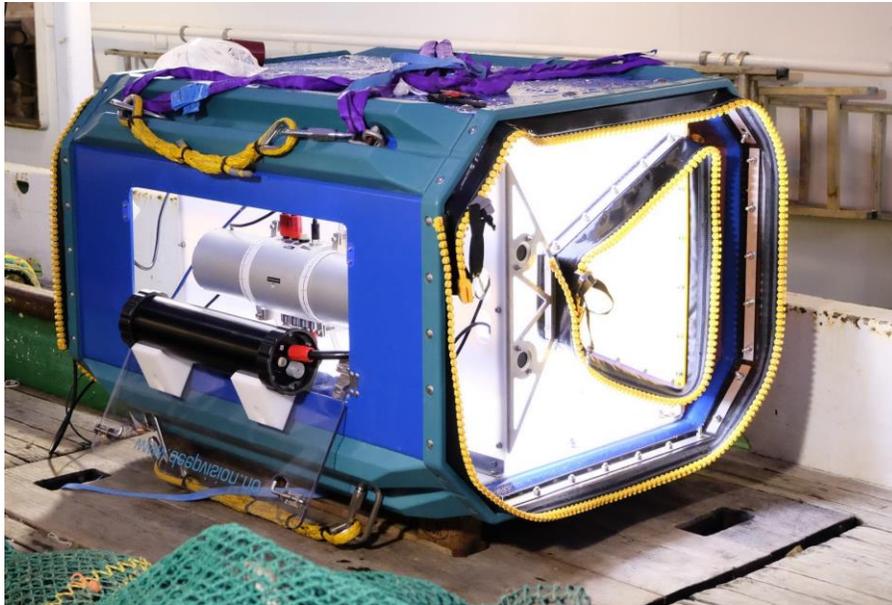


G.M. Dannevig

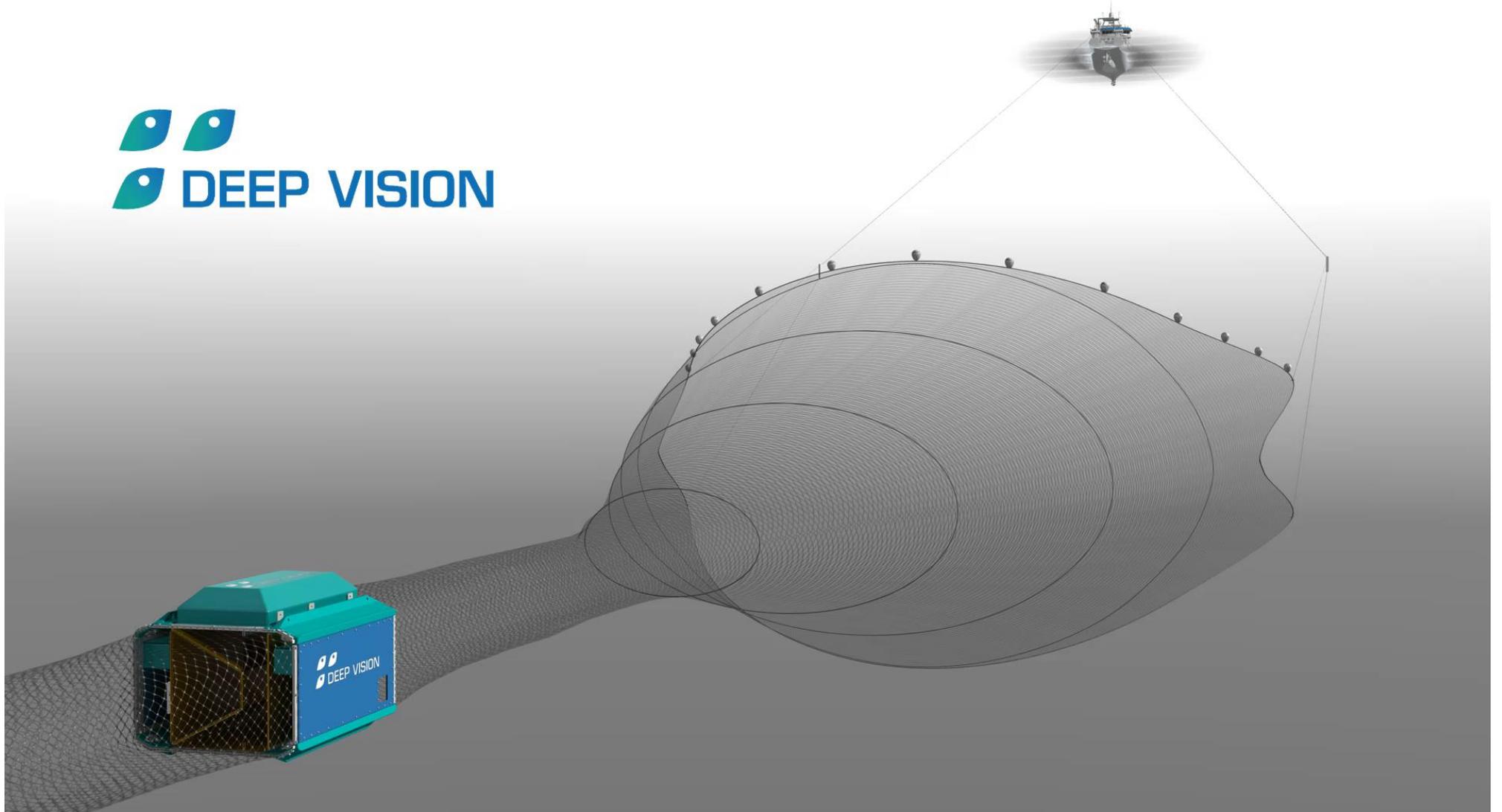
# Deep Vision

a subsea vision system for identifying and measuring fish under water.

- Automatic image analysis: species and length
- Max depth 2000 m
- Ca. 300 kg in air, neutral in water
- Stereo camera, 5 fps
- 2 x 80 LED at 400 lumen (total 64 000)



# Deep Vision





haddock, 42 cm



saithe, 42 cm



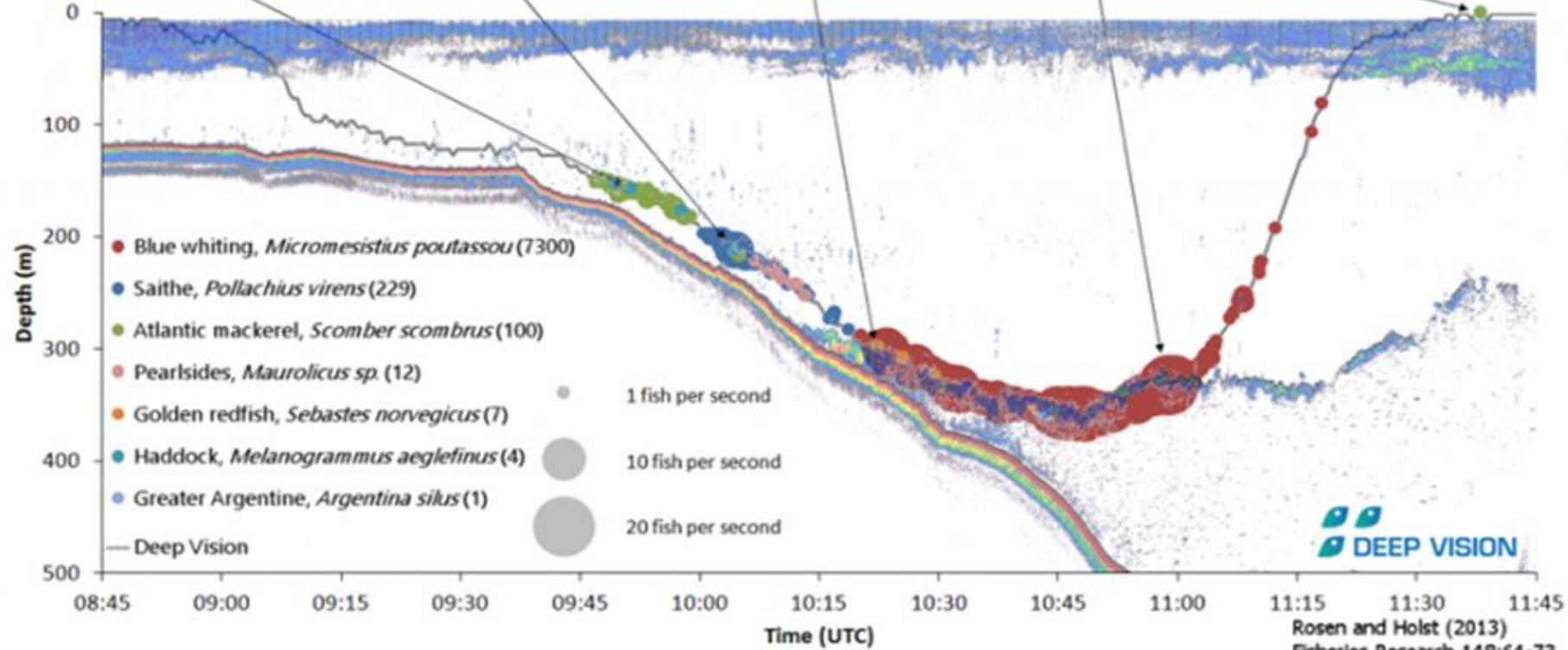
golden redfish, 26 cm



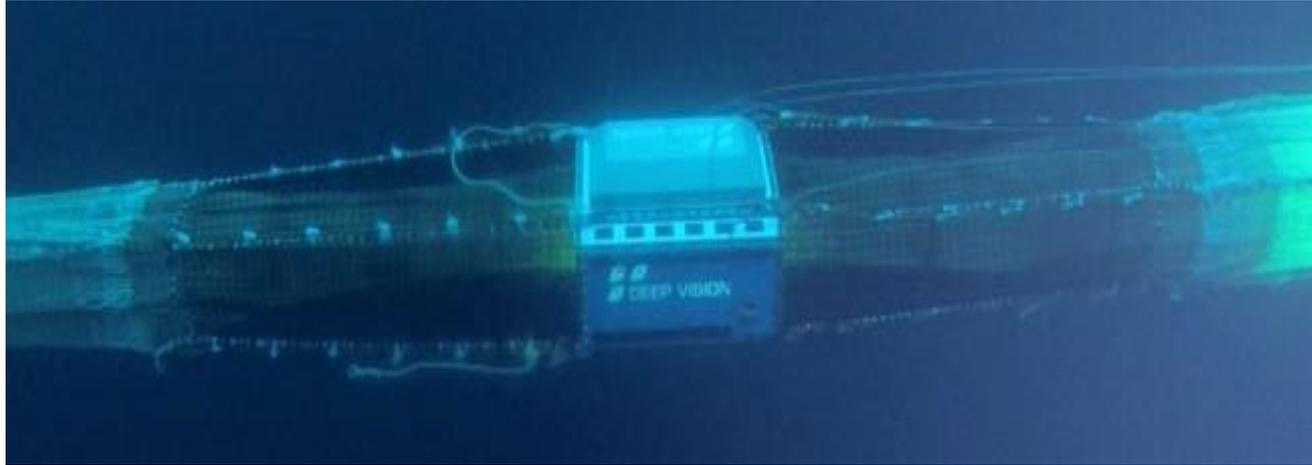
blue whiting, 18 cm



Atlantic mackerel, 33 cm



# Deep Vision



- Developed by Scantrol AS and IMR.
- Research version is now commercial available:
  - SUSTAINABLE: No need to bring the fish onboard the vessel for sampling
  - EFFICIENT: Sampling from images instead of manually onboard the vessel
  - ACCURATE: Information about exact location of fish along the haul. Assists in interpretation of acoustic signals.
- Commercial trawl fisheries under development:
  - PROFITABLE: Catch sorting by species and size maximizes the value of the quotas
  - EFFICIENT: Less time spent at sea filling the quotas and reduced fuel consumption
  - SUSTAINABLE: Reduced bycatch and lower discard rates
  - ACCURATE: Information about the species, size and location of the catch can be used for reports or to plan future hauls

