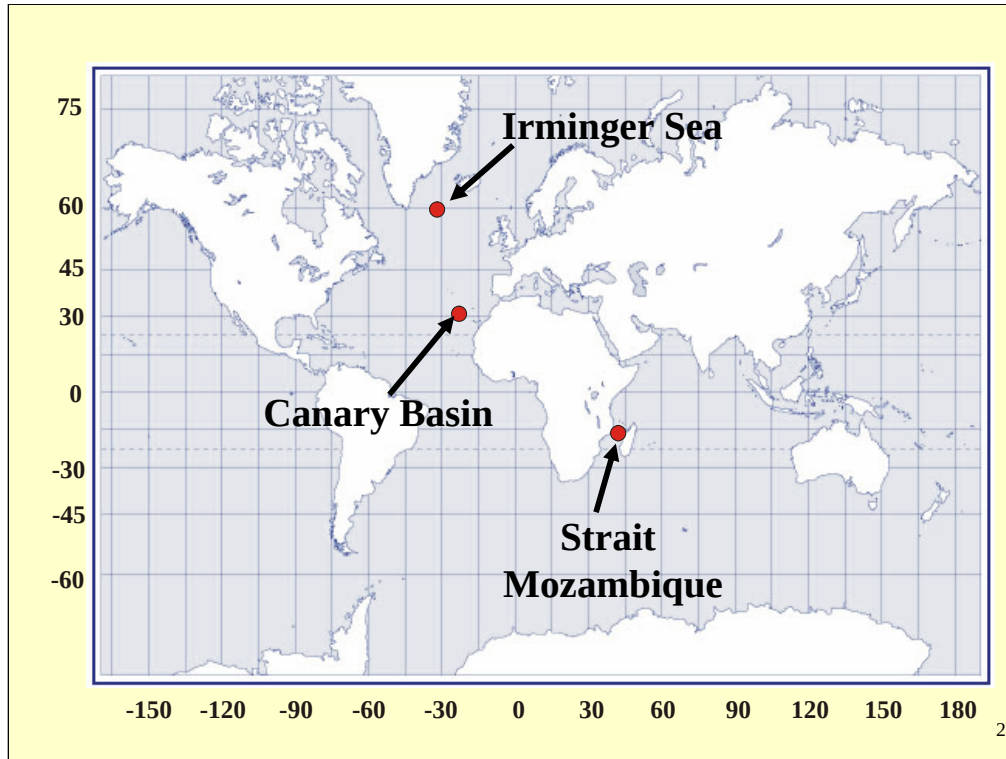


Passive samplers on moorings at three deep-ocean sites

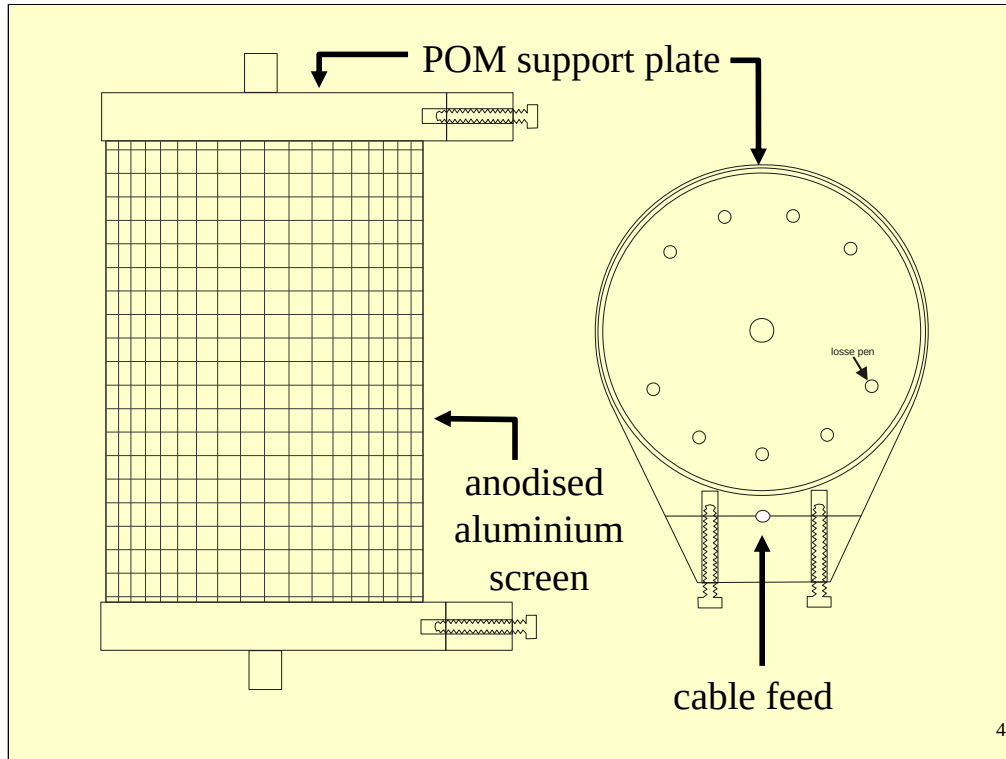
Kees Booij, Ronald van Bommel, Hendrik M. van Aken,
Hans van Haren, Geert-Jan Brummer,
Herman Ridderinkhof

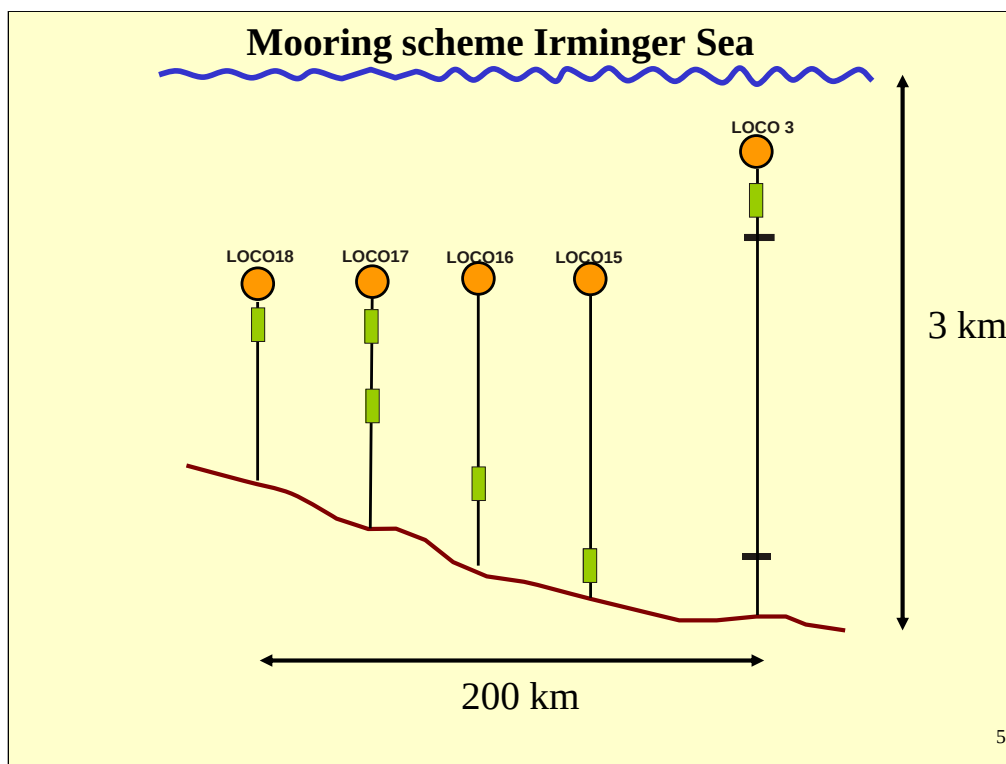


Royal Netherlands Institute for Sea Research

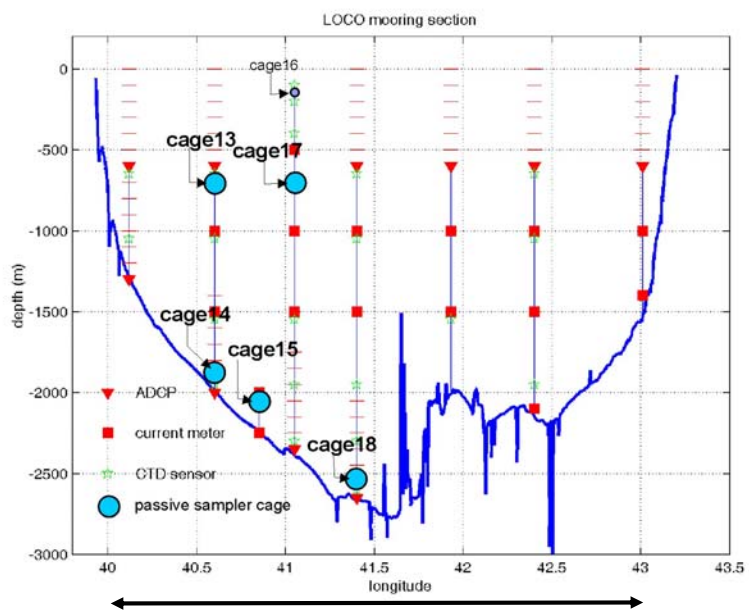


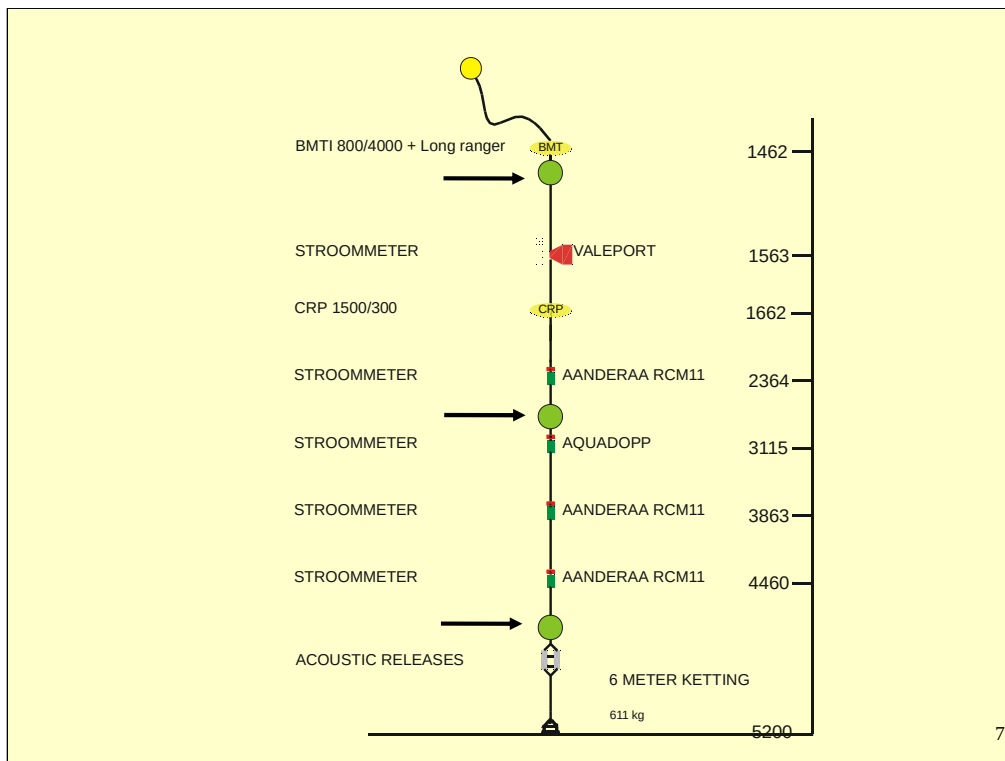


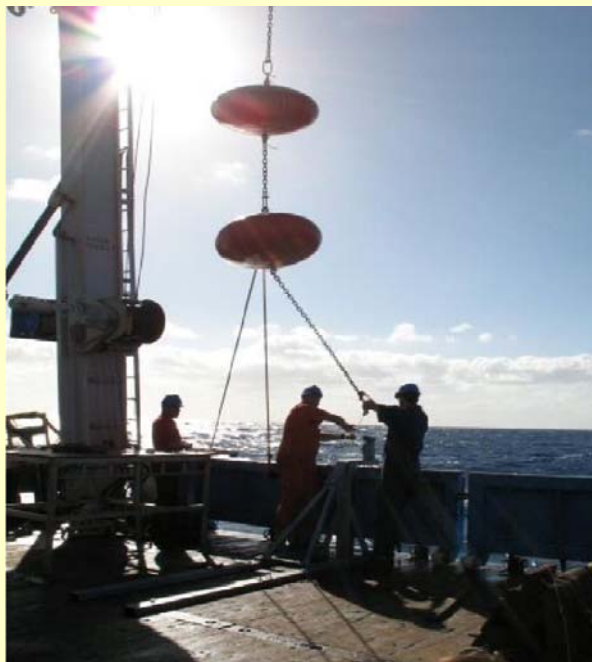




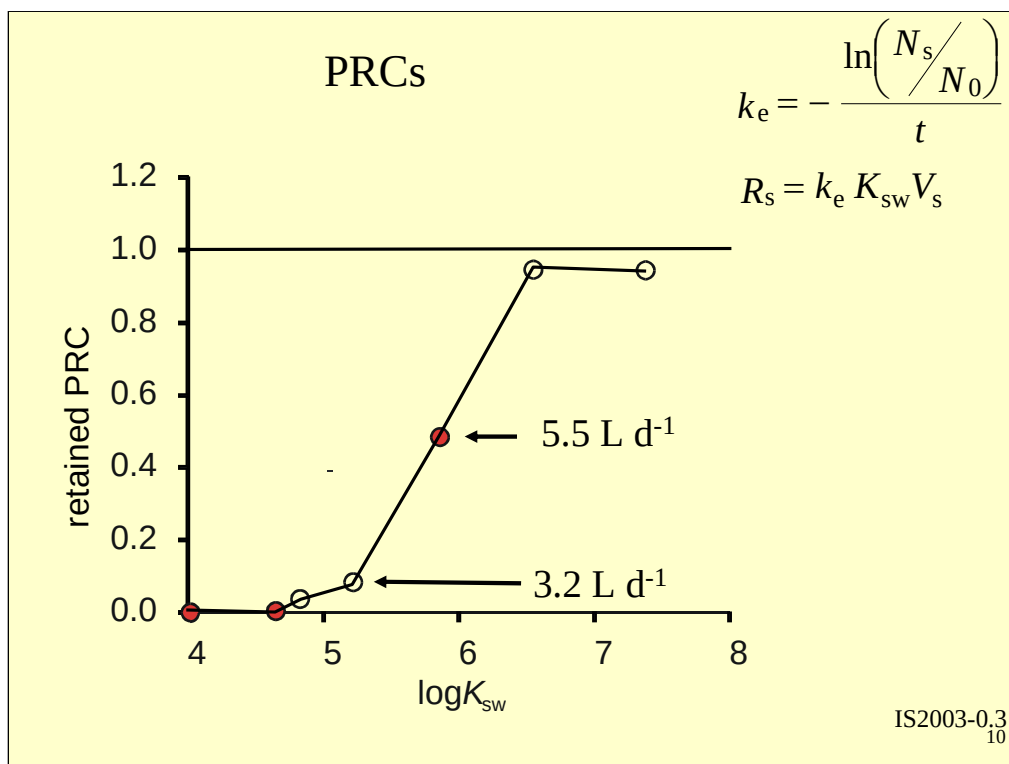
Mooring scheme Strait Mozambique

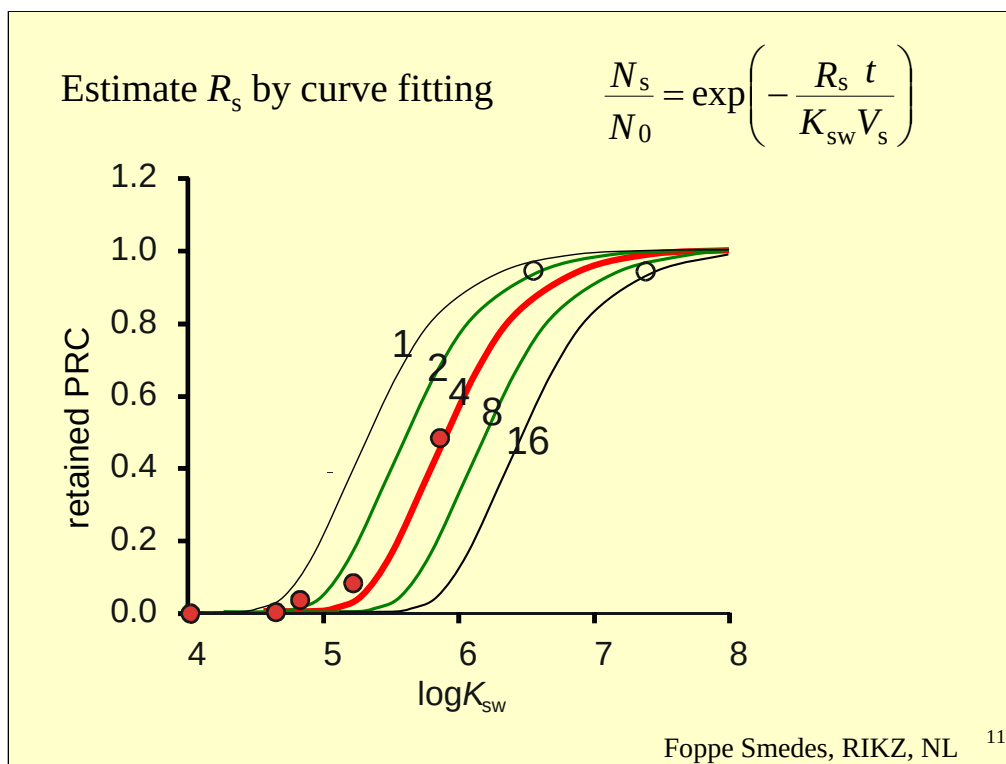


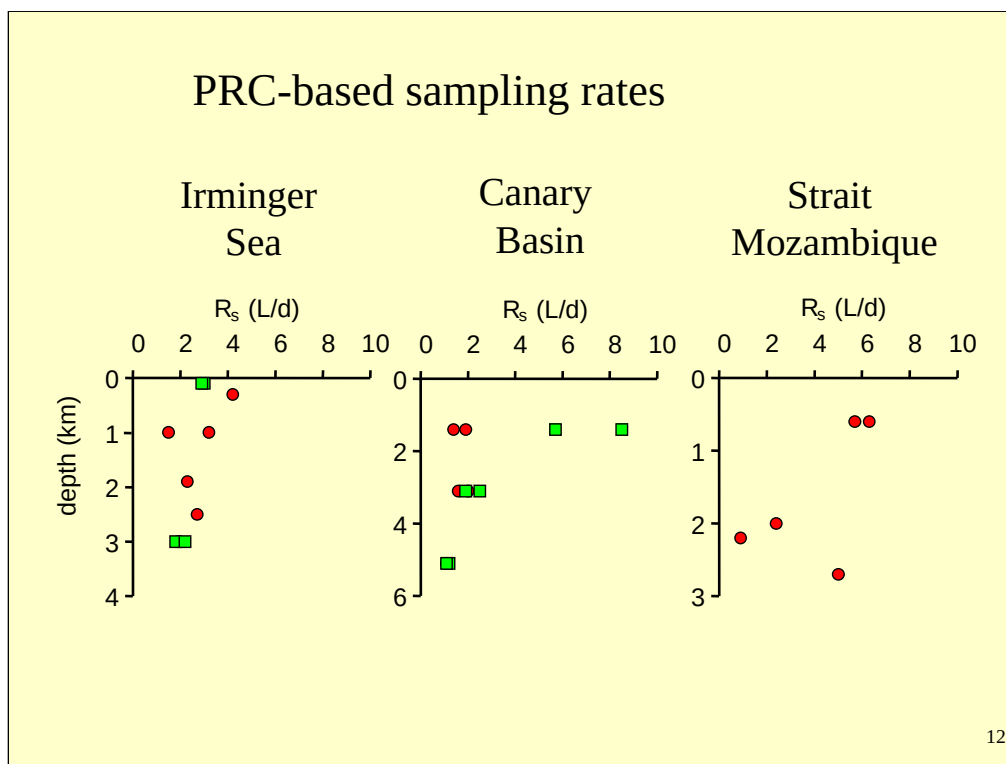


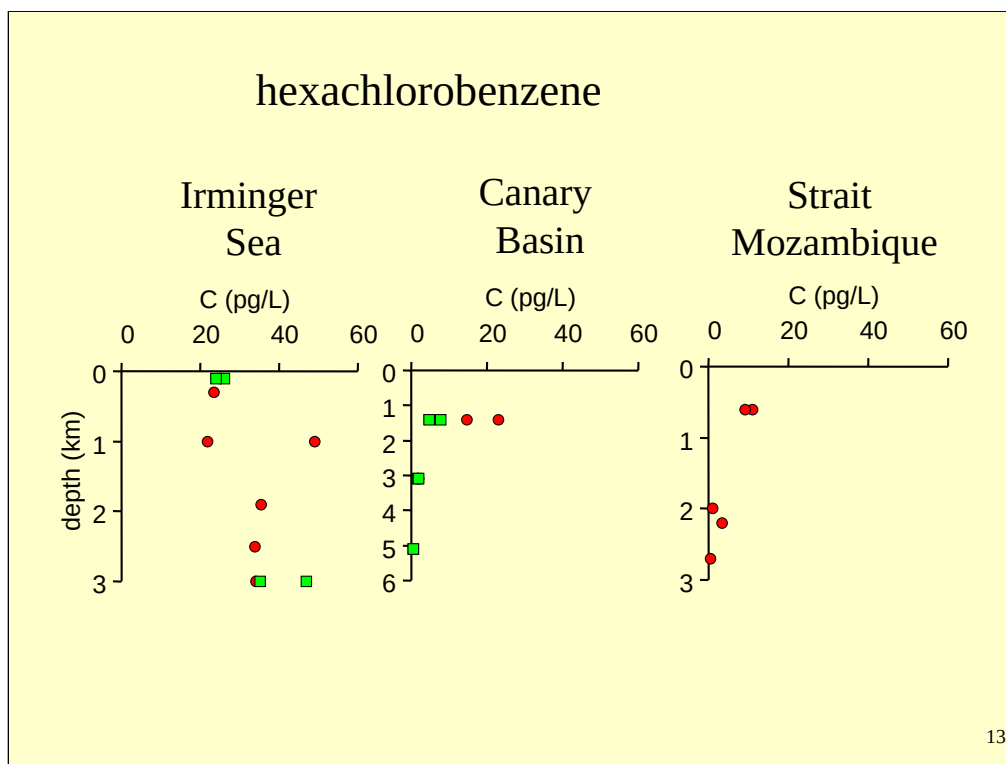


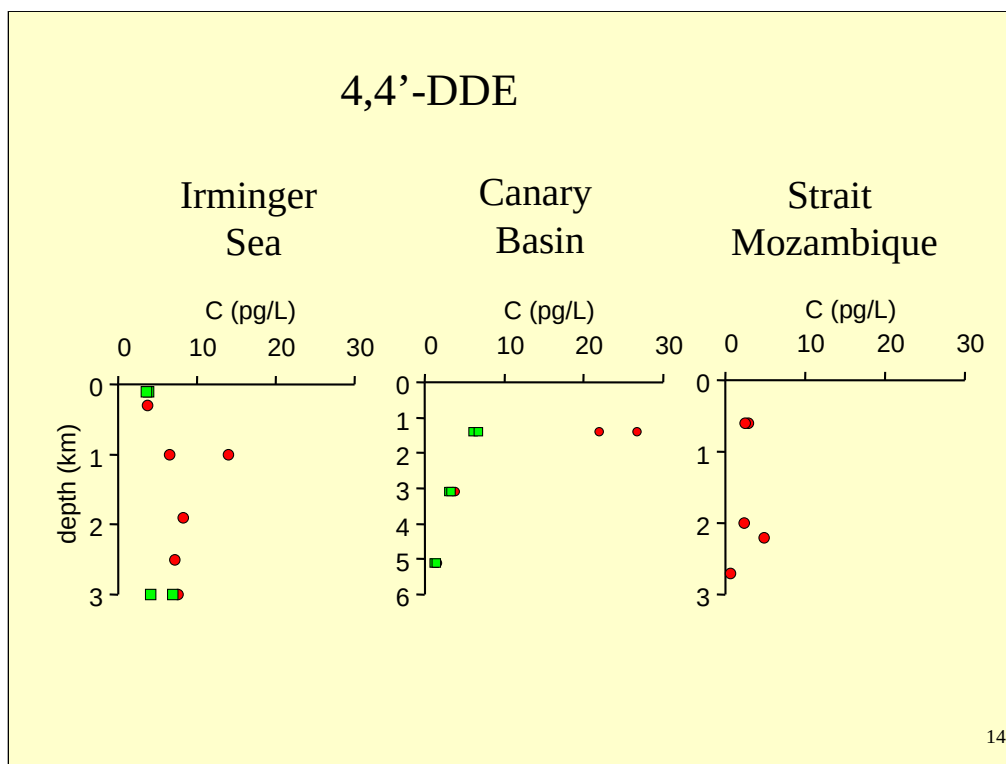


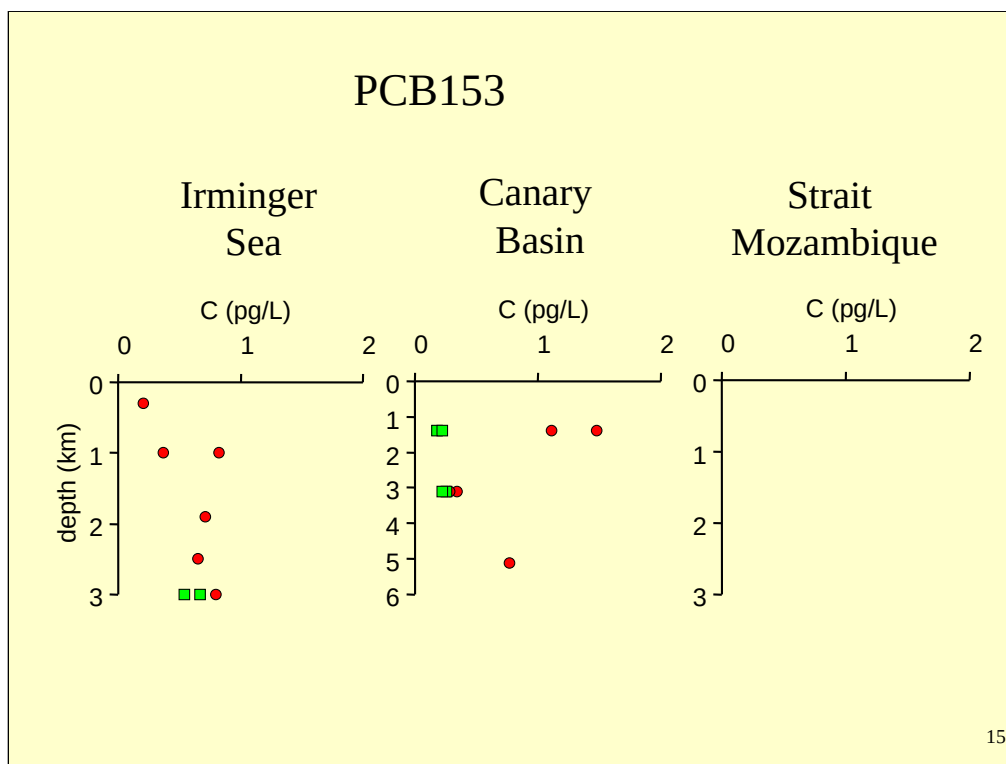


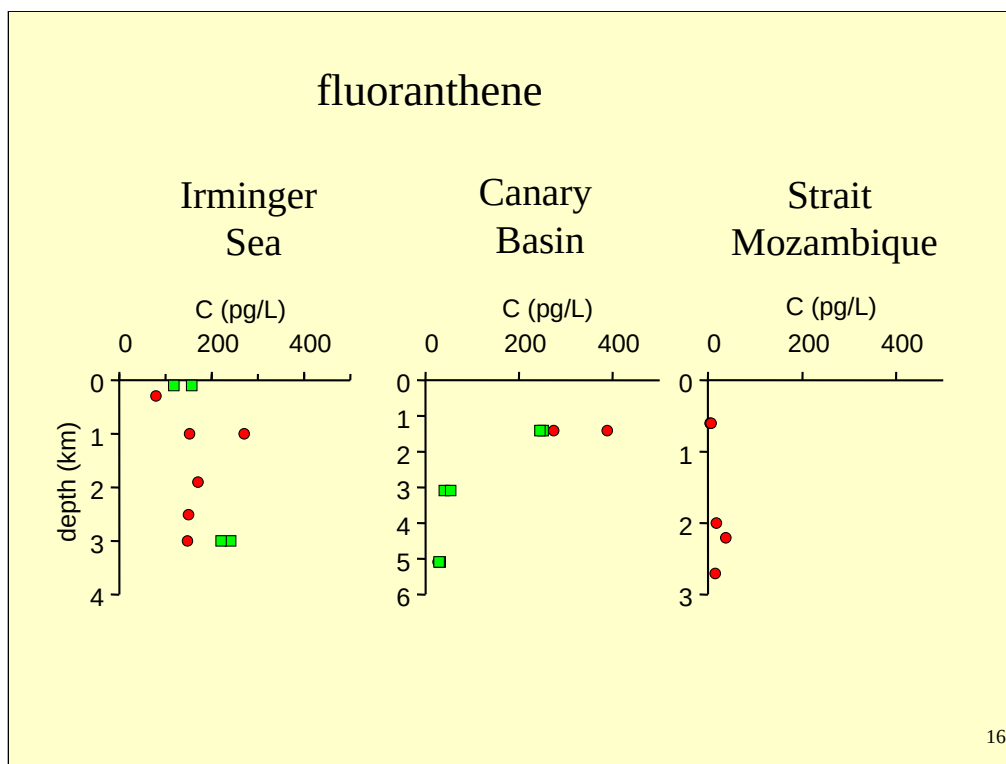












Conclusions

- SPMDs can withstand > 1-y exposures in open ocean
- sampling rates ~ 6 L/d (460 cm² normalised)
- extracted water volumes ~ 1 m³
- curve fitting of N/N_0 vs K_{sw} reduces subjective judgement
- Irminger Sea : moderate increase of C_w with depth
- Canary Basin: sharp decrease with depth
- Str. Mozamb.: low C_w for HCB, DDE, PCB, PAH
- Pretty high PAH concentrations in Canary Basin and Irminger Sea

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