

NATURAL
ENVIRONMENT
RESEARCH COUNCIL

RAPID

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History

RAPID funded by NERC in 2001 to 2008

- ✓ NSF, NOAA, Netherland, Norway partners
- ✓ 36 projects begin 2003
- ✓ Observations begin in 2004
- ✓ International review 2007

RAPID-WATCH funded 2008-2014

- ✓ NSF, NOAA, Germany, Canada partners
- ✓ 2 observation projects + 5 on use of obs
- ✓ International review 2012





History (cont'd)

USAMOC begins 2007

International meetings to-date

▼ 2006, 2011, 2013 (last 2 with USAMOC)

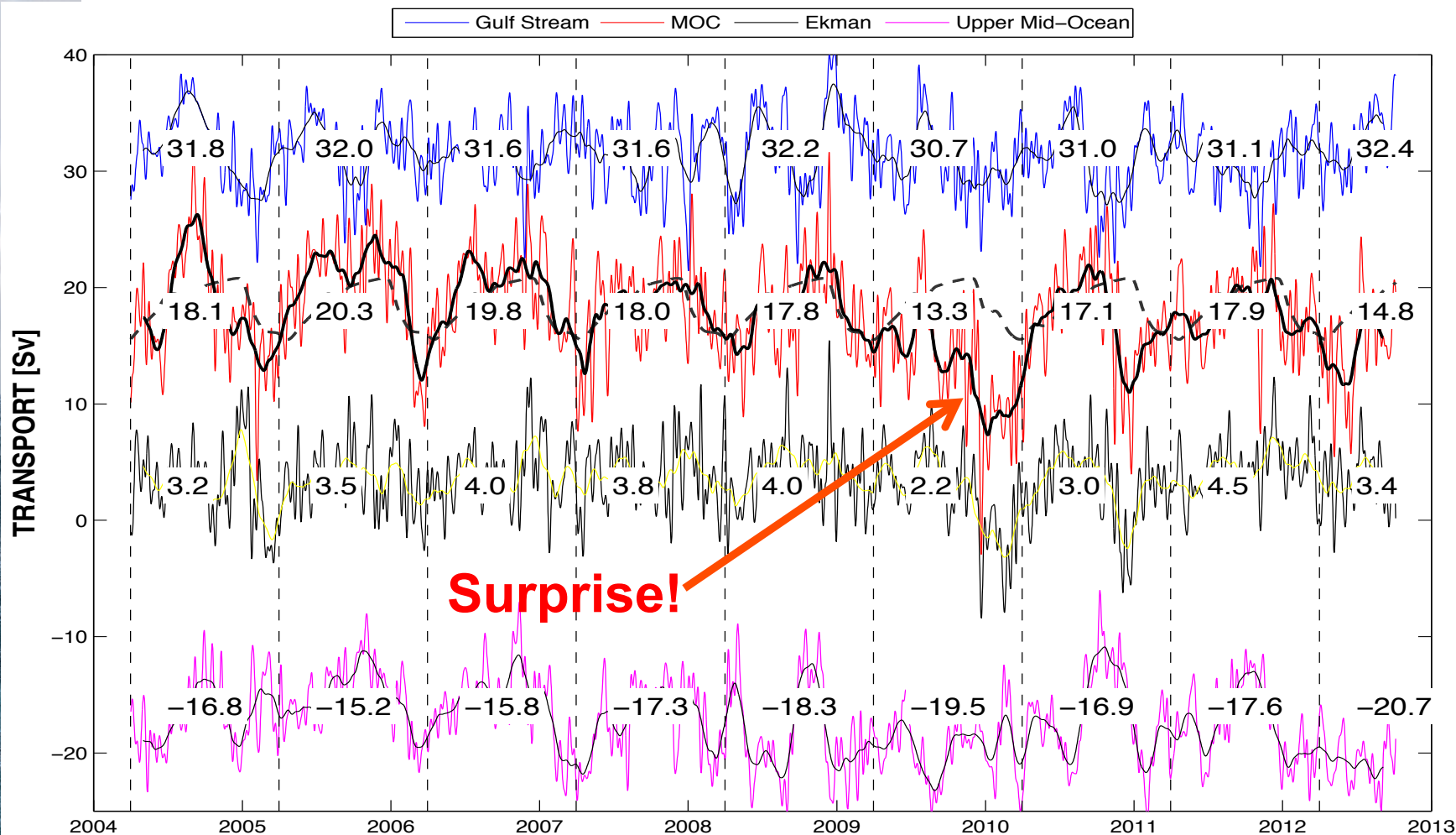
RAPID bid for continuation 2012/13

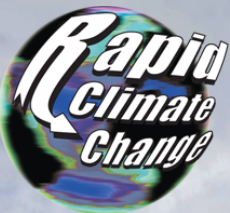
OSNAP proposal 2012/13



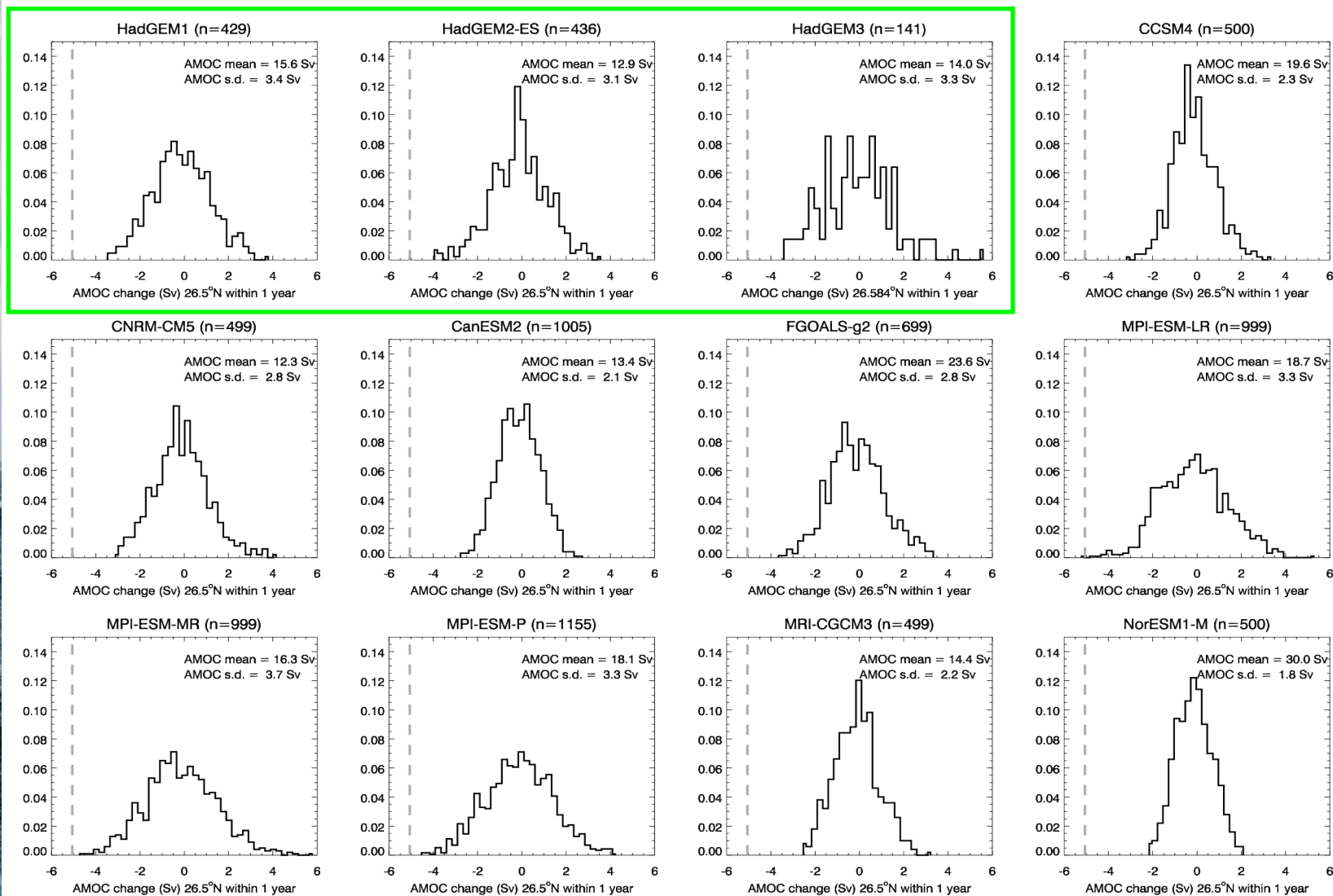


“Selling point” 1





“Selling point” 2





RAPID

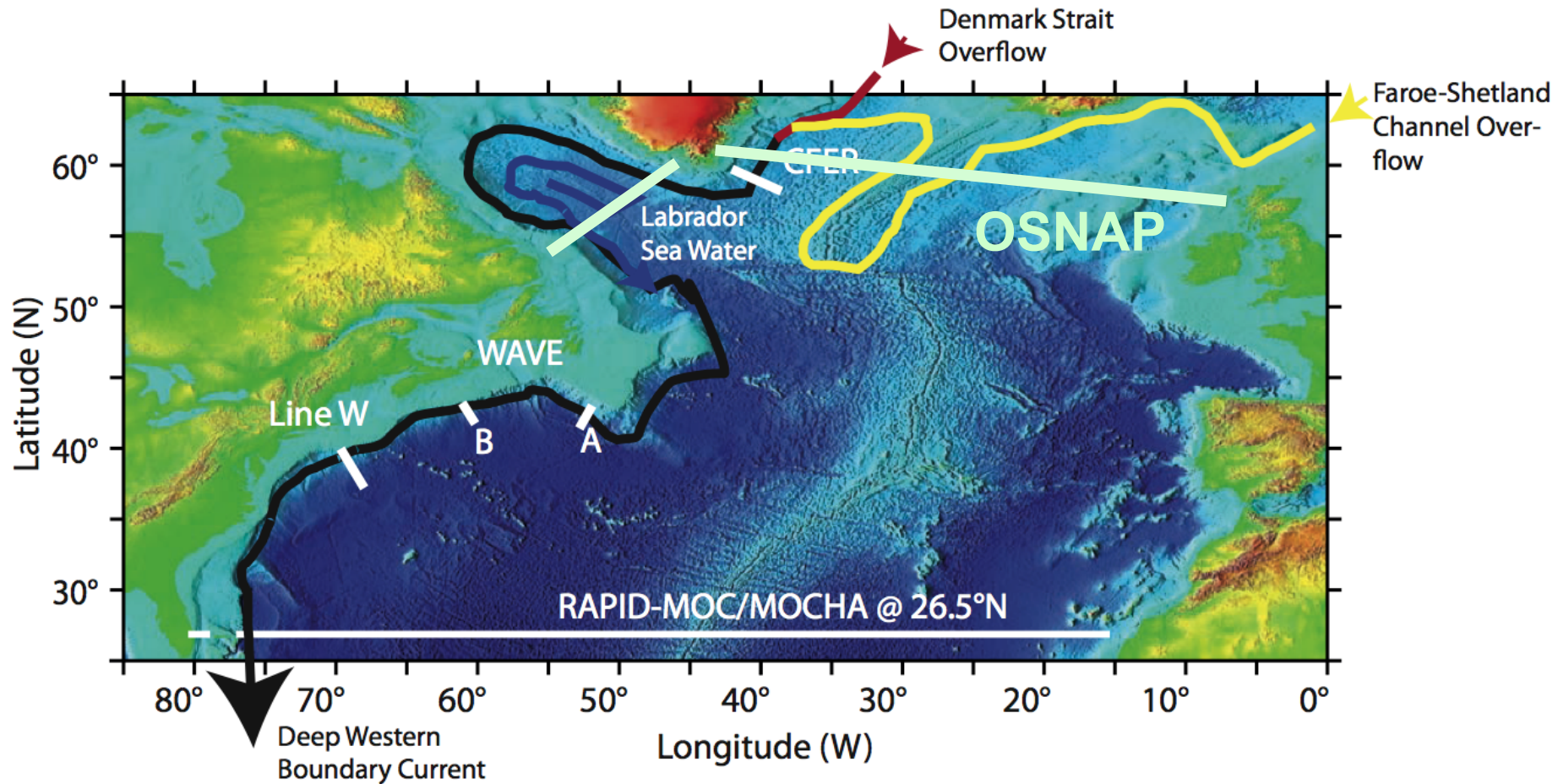
Funded by NERC to FY 2020/21

- ▼ 26°N observations + 3 or 4 projects on
 - ▼ Use of data for ocean state estimation
 - ▼ AMOC role in climate variability/predictability
 - ▼ Addition of biogeochemical sensors and use of data to constraint biogeochemical fluxes
- ▼ In response to 2012 review recommendations moved to 18 month deployments => cost savings
- ▼ International review 2017/18





RAPID observations





RAPID + OSNAP

NERC funded OSNAP 2013-2018

- ▼ Observations to begin in 2014
- ▼ Observations of the subpolar gyre complement RAPID ones at 26°N

Need to maximise opportunities presented by OSNAP and RAPID