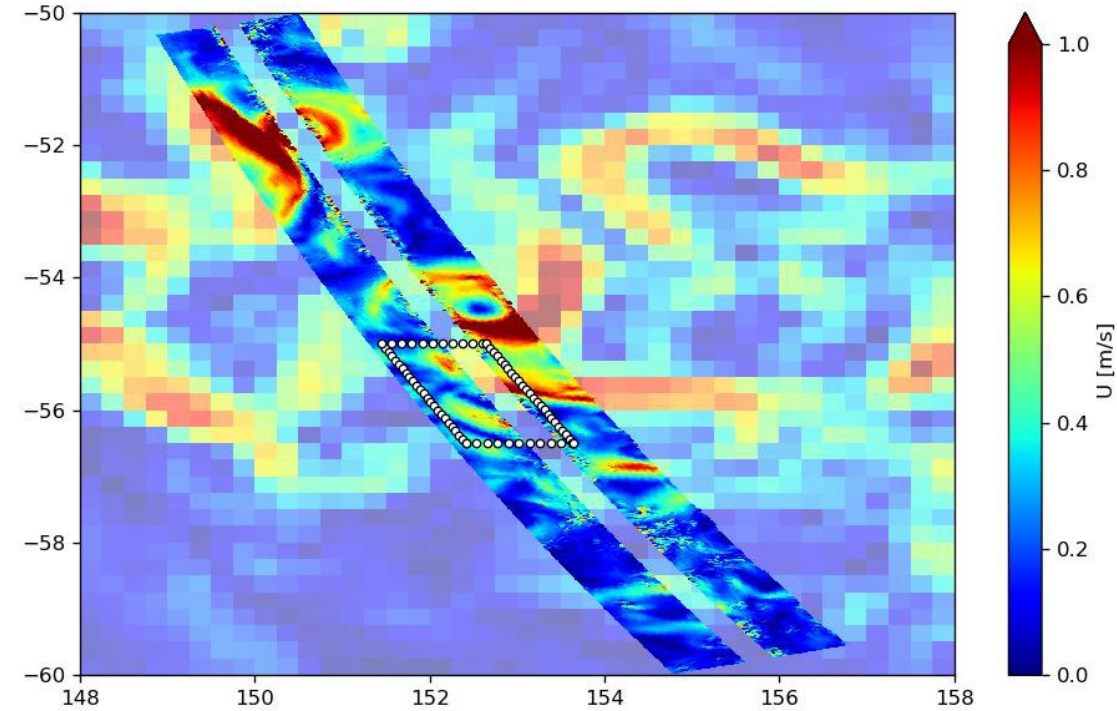


SWOT-ACC

B LEGRESY, T TRANCHANT, A FOPPERT, B PENAMOLINO, H PHILLIPS, A THOMPSON, K POLZIN, R WATTS, K DONOHUE, S RINTOUL, N BINDOFF, K DRUSHKA, E SHADWICK, L BACH, M NIKURASHIN and R MORROW



To be happening
15th Nov 2023

**Southern Ocean smaller scales of the
Antarctic Circumpolar Current**
**Key objectives are for ocean heat and carbon
uptake and lower-higher latitude exchanges**

SWOT AdAC campaign

Measurements done

Observing plan :

- Ship 2023/11/15 : 36 days
CTDs, triaxus profiling, underway air-sea and SADCP,...
- Triaxus enhanced with microprofiling.
- Moorings 1 tall (designed), 4 CPIES (proposal) [Nov 2023-May 2025]
- gliders 3
- floats (3x Em-APEX + 3x BGC Argo)
- drifters (25)
- regional MIT-gcm (Nikurashin et al. Zhang and Nikurashin 2019)
- OSSEs on a test operational model (Bluelink suite)
- pre-analysis of FSP data to support the in situ campaign.

If you have drifters or buoys to deploy in the ACC

-> benoit.legresy@csiro.au

SWOT ACC - 2

