

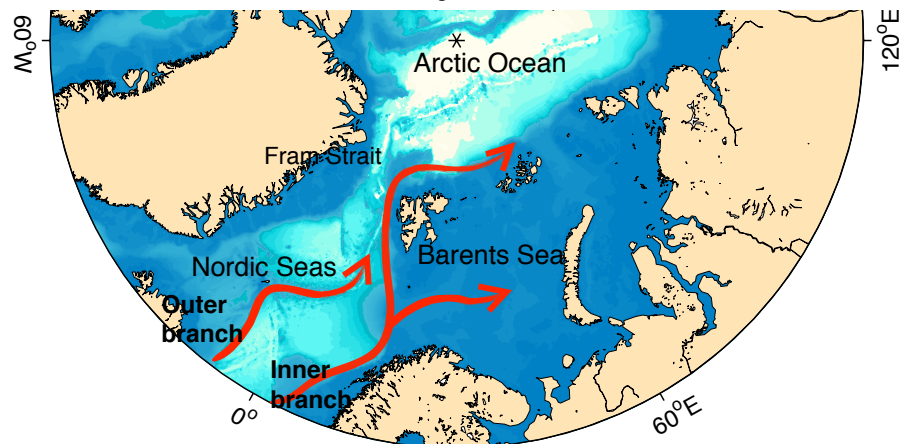
A satellite-based Lagrangian perspective on Atlantic Water fractionation in the Nordic Seas

Léon Chafik* and Sara Broomé

Stockholm University

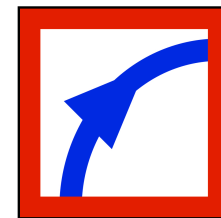
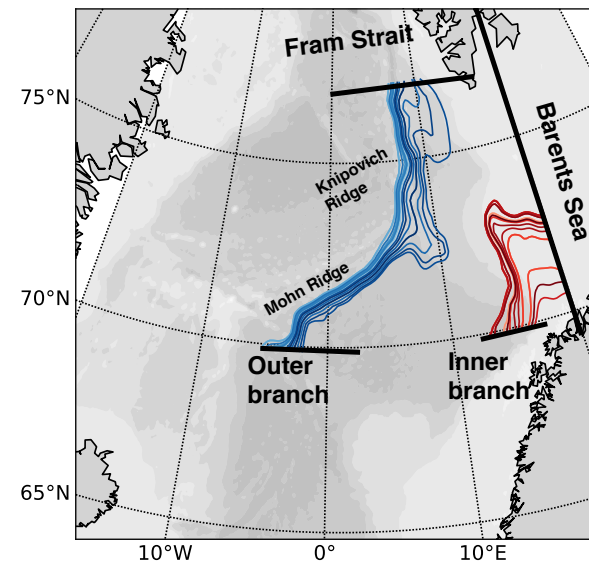
1

Atlantic Water Pathways in the Nordic Seas



2

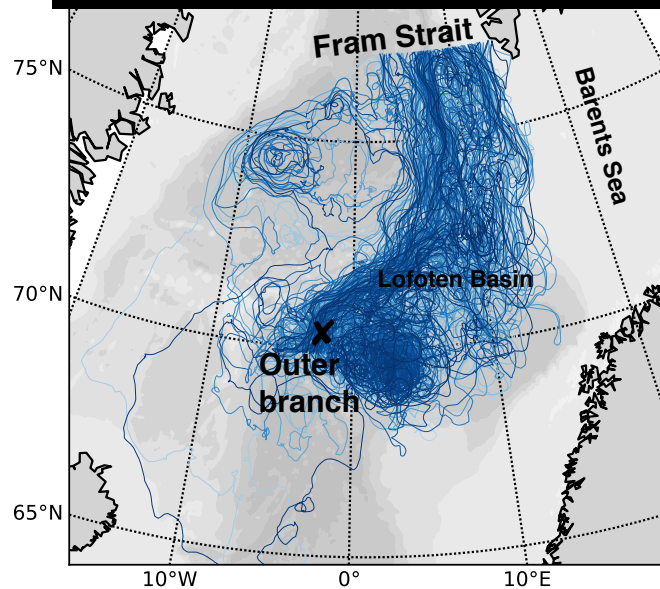
Time-mean geostrophic circulation



TRACMASS

3

Outer branch toward the Fram Strait



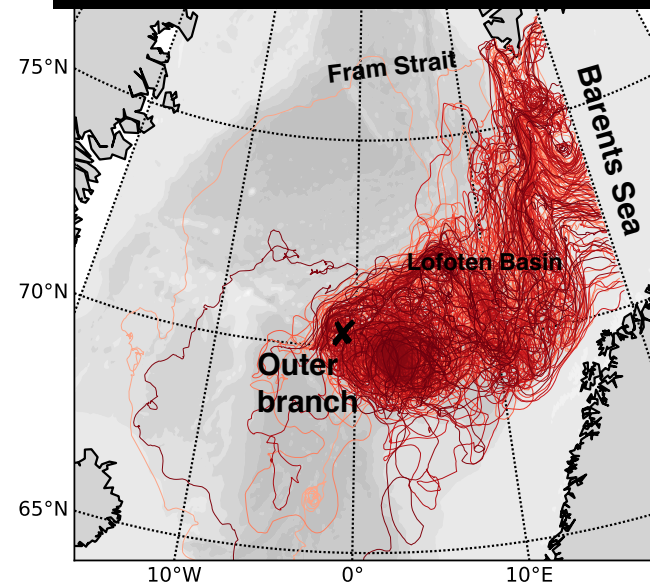
Outer branch



Fram Strait

4

Outer branch toward the Barents Sea



Outer branch



Barents Sea