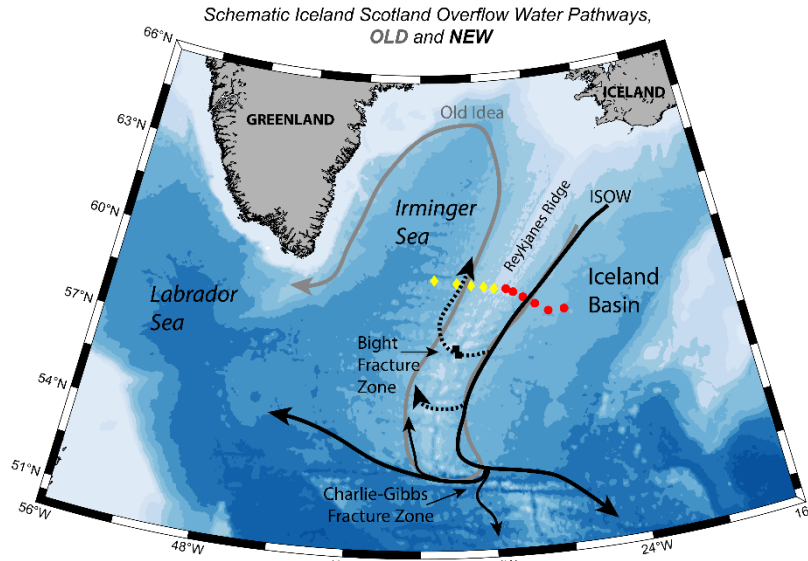
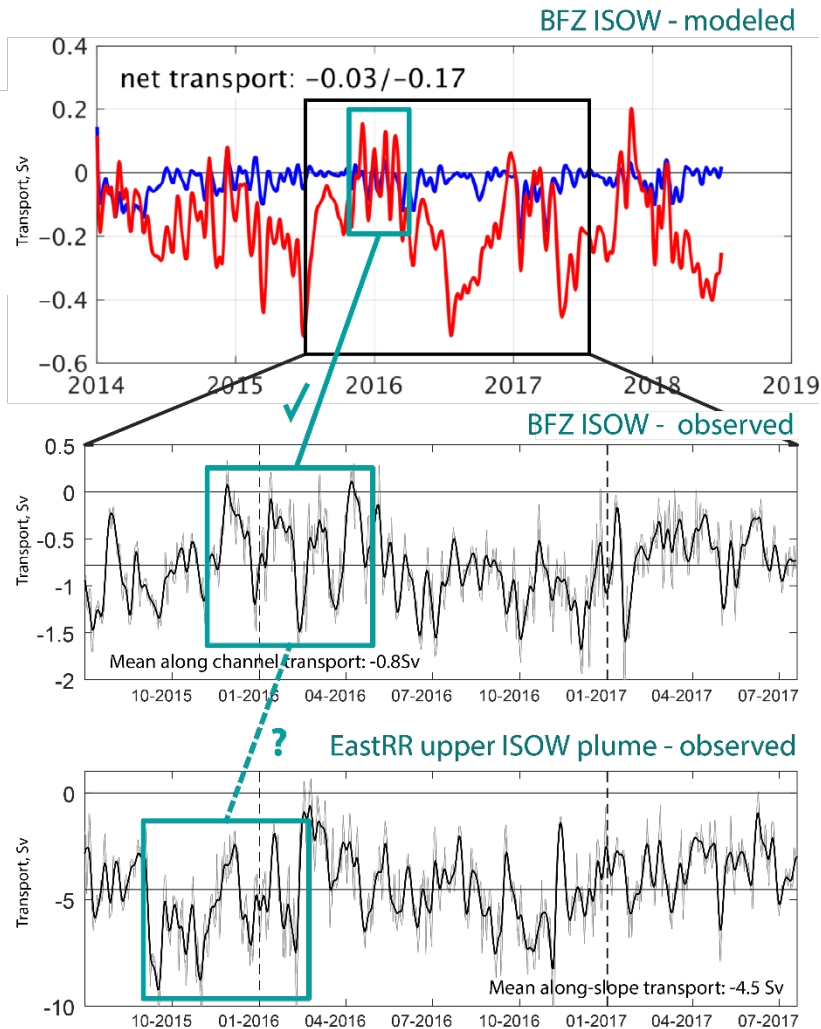


Iceland-Scotland Overflow Water Transport Variability through the Deep Bight Fracture Zone

Heather Furey¹, Andrée Ramsey¹, Amy Bower¹, Bill Johns², and Adam Houk² : EGU21-7999 April 2021

(1) Woods Hole Oceanographic Institution, (2) Rosenstiel School of Marine and Atmosphere Science, University of Miami



A two-year transport time series of Iceland Scotland Overflow Water (ISOW) in the Bight Fracture Zone (BFZ) is being examined in context of upstream and downstream ISOW transport time series, along with model data, to look for mechanistic connections between mooring arrays. Deep RAFOS float data are used to investigate how water from the upstream array travels through the BFZ, and fate of water once it leaves the BFZ and travels into the Irminger Sea.

1800-m Float Trajectories and BFZ Mooring Velocity

