

## Islands in the Stream

The Isles of Scilly act as a mixing rod in an otherwise stratified sea. Strong bottom fronts are setup around the Isles resulting in cyclonic motion.

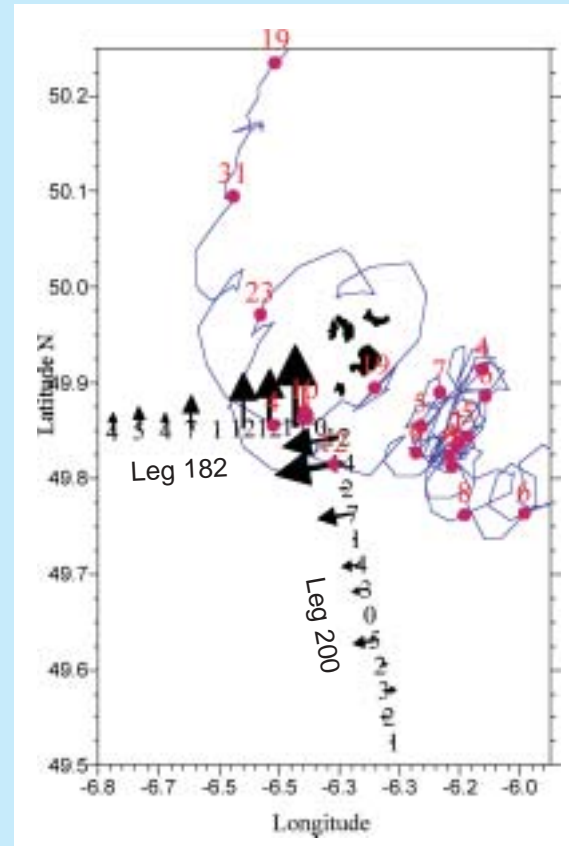
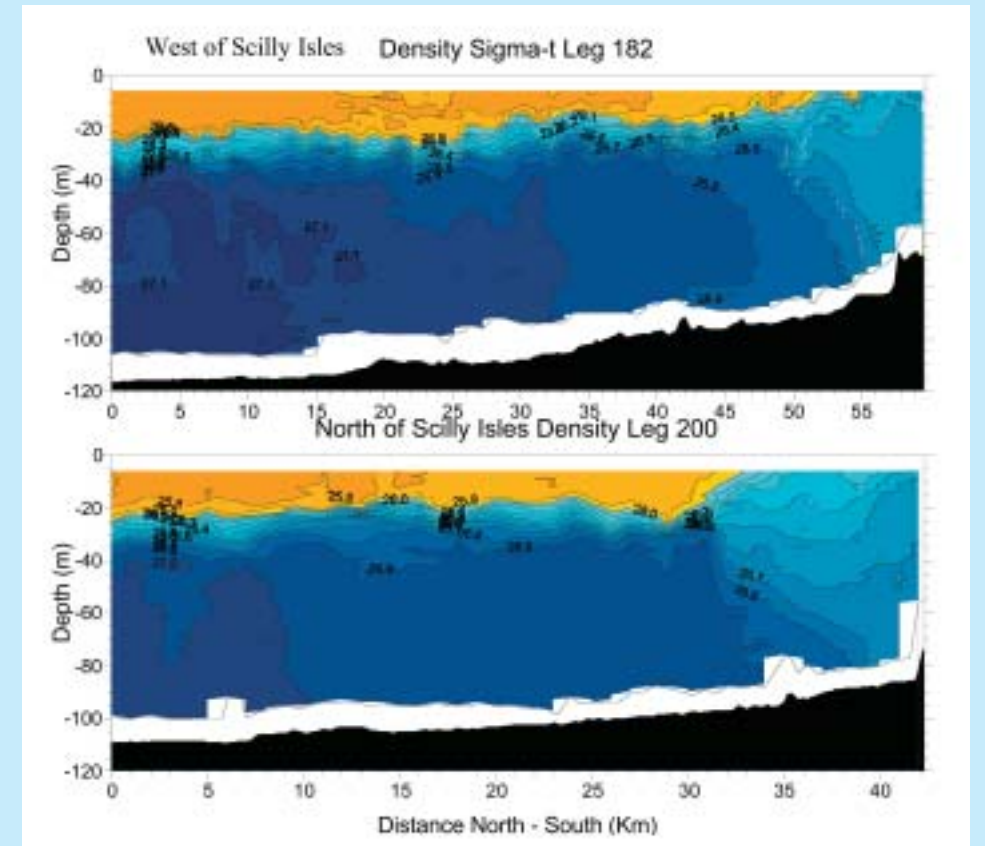


Figure 8: Detail around the Scilly Isles. Drifter showing position every 24 hours and average velocity (red) overlain on the geostrophic estimate derived from the scanfish sections (black)

Figure 9: Density Sections derived from the scanfish showing the mixing rod effect of the Scilly Isles



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