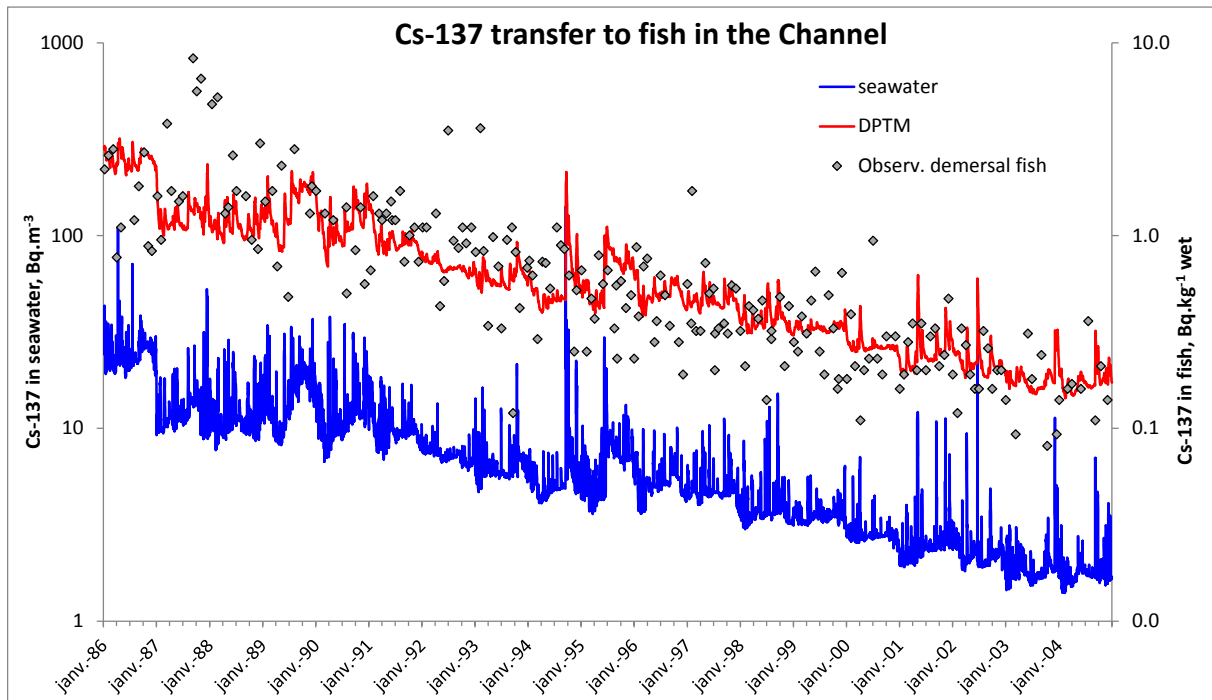


S6 Fig



S6 Fig. Trial application of the DPTM in the English Channel Sea. Blue solid line: seawater signal computed 5 km North from the French Cotentin Peninsula with the hydrodynamic model (Bailly du Bois and Dumas, 2005) and used as the input for the DPTM. Grey filled diamonds: monthly individual demersal fish data (all species aggregated) caught in the near-field in the North of the Cotentin Peninsula. Red solid line: DPTM output computed with the same transfer parameters as for demersal fish in the near-field off Fukushima (CF_{food} and CF_{f} = 100; $tb_{1/2}$ = 5 d; k_{feed} = 0.01 d⁻¹; $tb_{1/2\text{food}}$ = 240 d).