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Supporting Information for

Origin and fate of surface drift in the oceanic convergence zones of the eastern Pacific

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Table 1 Net convergence across the central box (diagnosed from the mean Eulerian velocity) and inflowing and outflowing connections between the central box and the edge of the outer domain (diagnosed with Lagrangian particles initialized either in 2010 or 2007 and integrated either backward or forward in time). The calculations are done for the three models (NLOM, HYCOM and NEMO) and the two hemispheres (NP and SP). All the transports are expressed in Sverdrups (Sv).

		Net 2007-2010 convergence across the central box	Inflowing connection to the central box in 2010	Outflowing connection from the central box in 2007
NLOM	NP	0.24	0.58	0.04
	SP	0.07	0.41	0.15
HYCOM	NP	0.59	1.15	0.01
	SP	0.87	1.20	0.16
NEMO	NP	0.21	0.25	N/A
	SP	0.22	0.22	N/A

Figure S1

Same as the left parts of Figures 1 and 2 but for the 5-day mean NEMO currents (1/4°).

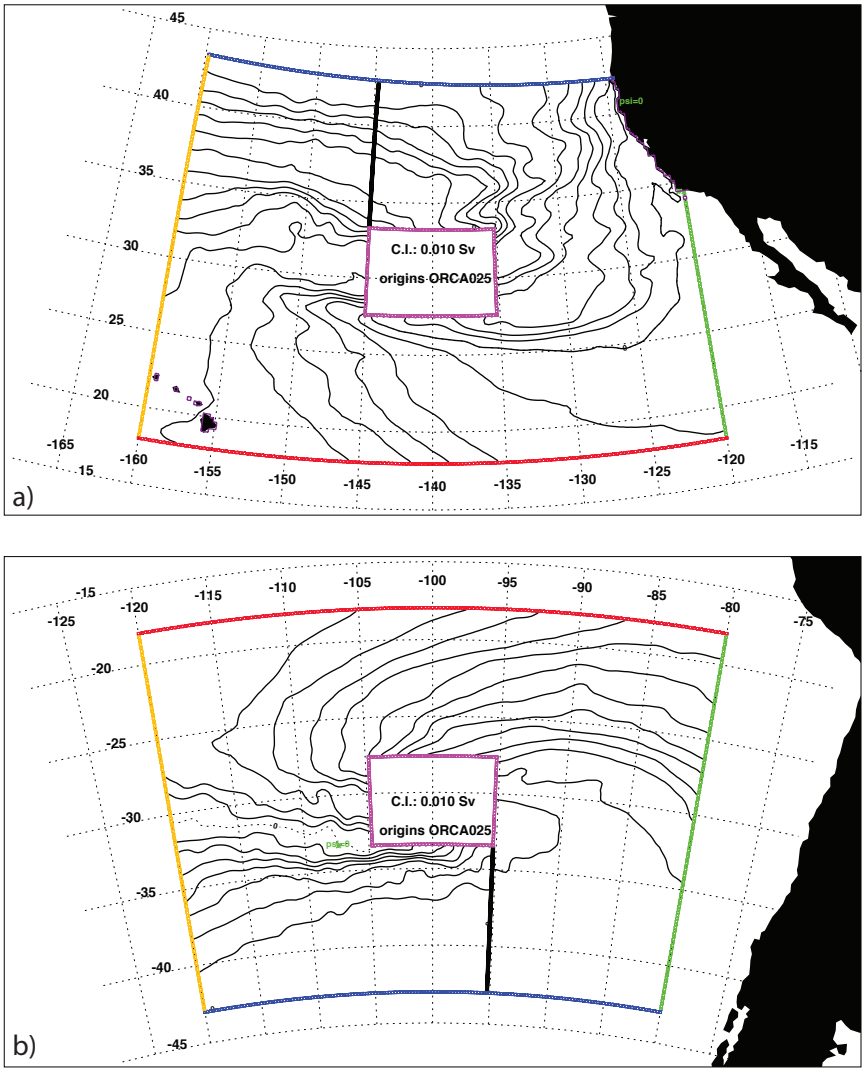

Figure S2

Climatological surface Ekman currents derived from GEKCO in the northeastern Pacific (top) and southeastern Pacific (bottom), using the same color code as Figure 3.

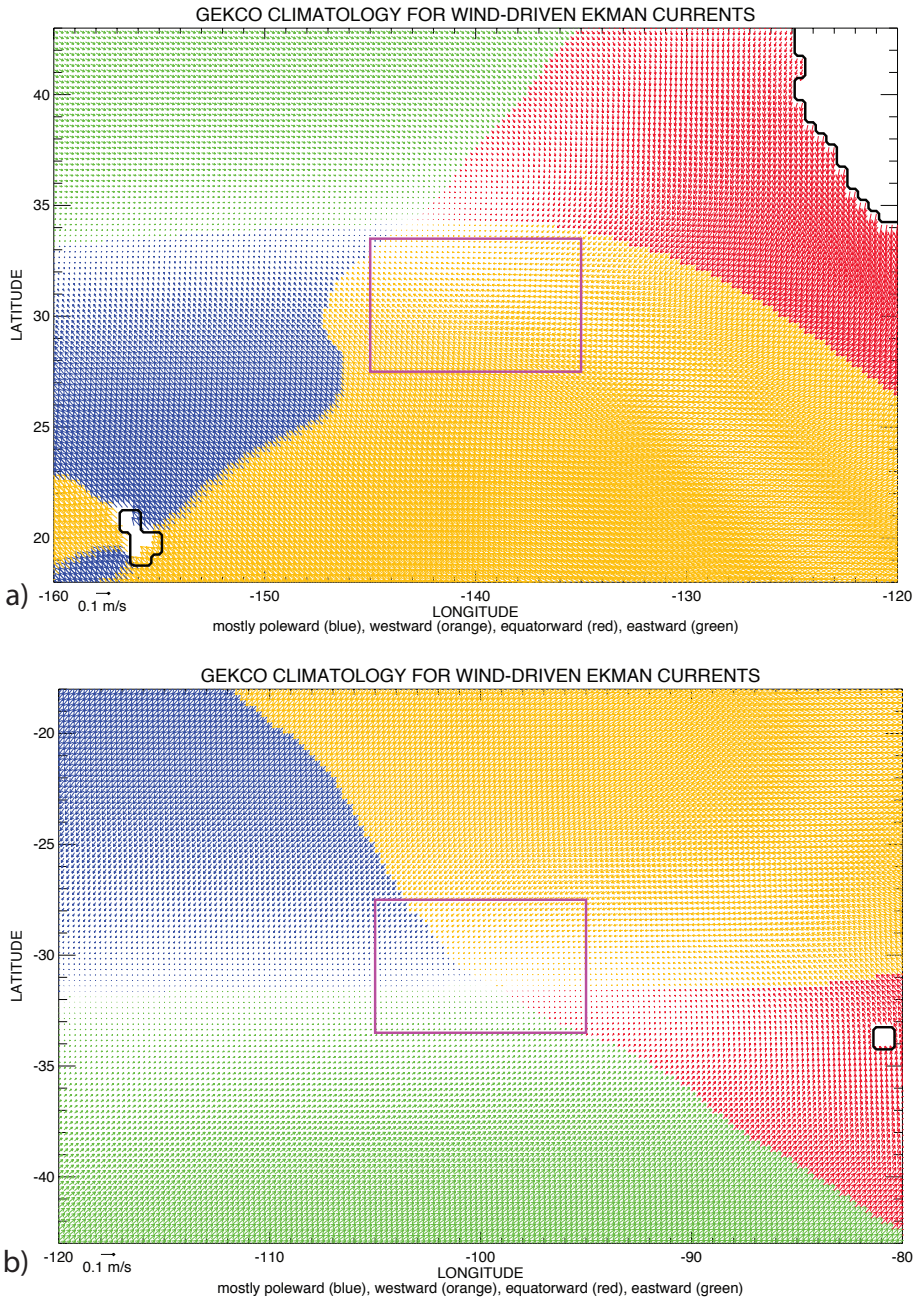

Figure S3

Same as the left part of Figure 1 but for the annual mean currents (2007-2010) in NLOM.