

Dolphin_Results

Goals of this study

Investigate patterns in the acoustic behavior of dolphins

Data

Acoustic data was collected from drifting acoustic recorders during the 2018 California Current Ecosystem survey. See [Simonis et al 2020](#) for more details. Data analyzed here includes CCES Drifts 10, 12, 13, 14, 16.

Combine Logs

The presence of Dolphins and ships were logged by 1 Seatech analyst: Keisha Askoak.

Remove times with missing data

MEHS did not have audio data for the entire length of all drifts. Only show drift tracks and events from times where data was available

Plots

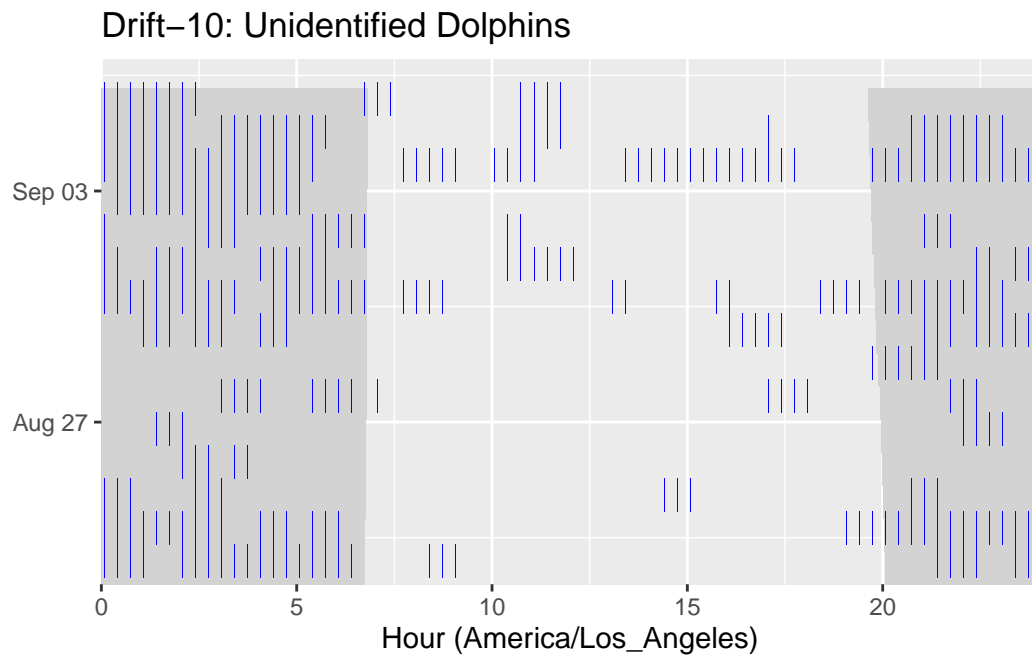
Diel Plot

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#Define Figure Options

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GgColor = 'magenta'
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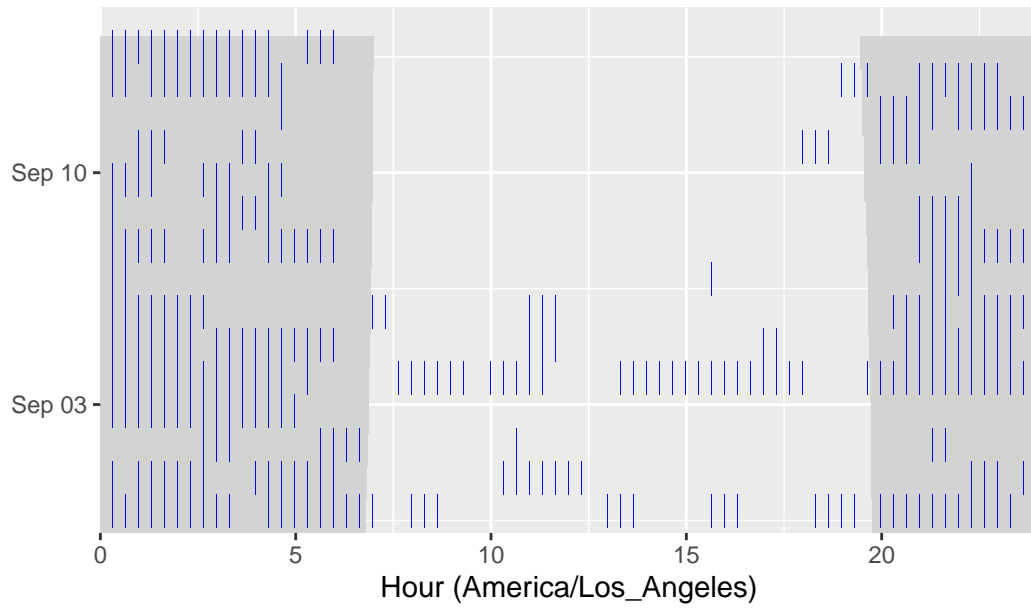
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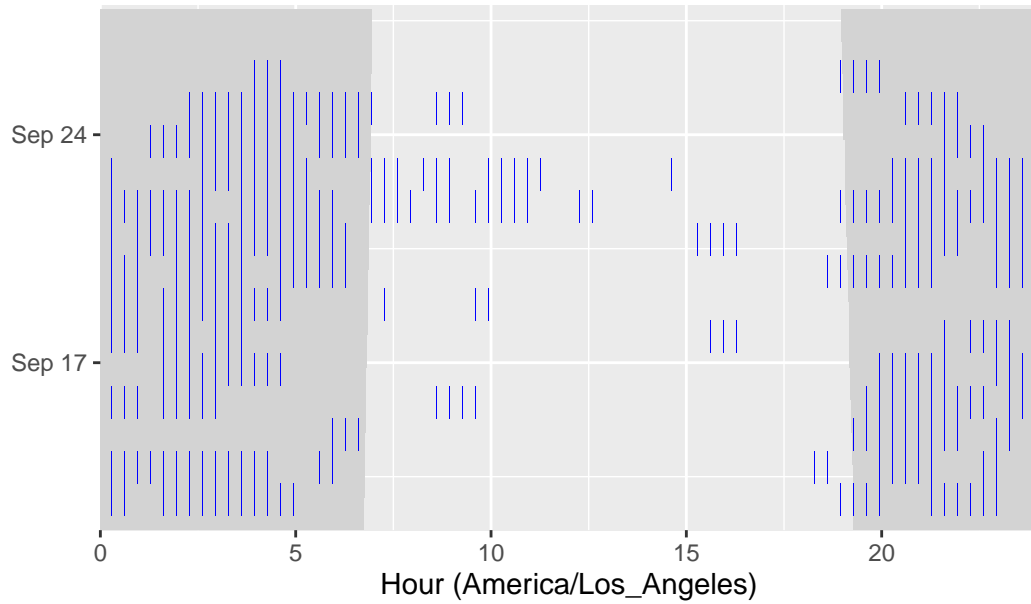
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Drift-12: Unidentified Dolphins

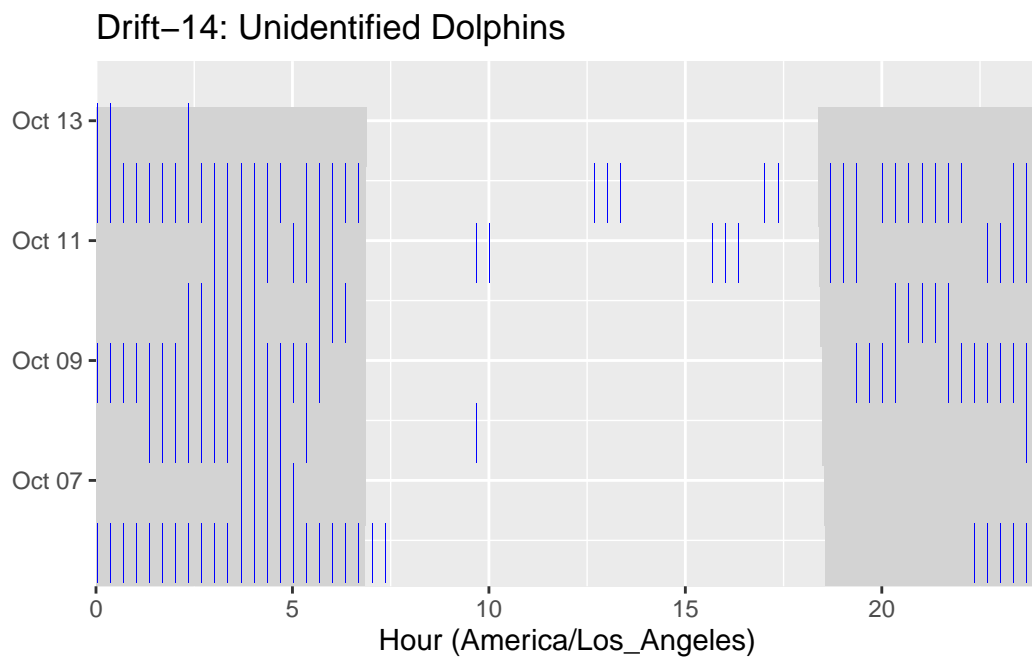


[[3]]

Drift-13: Unidentified Dolphins

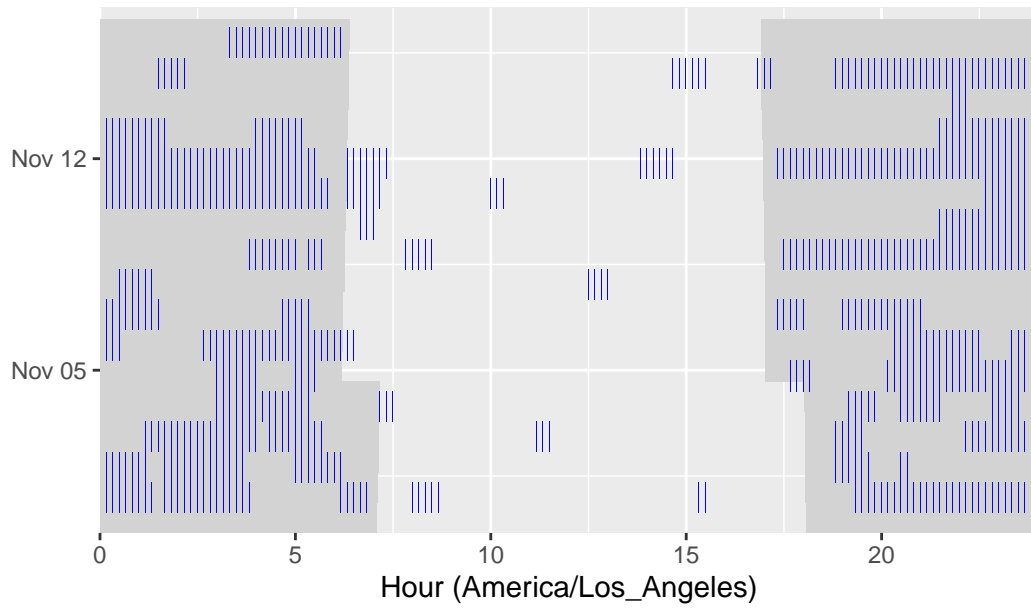


[[4]]



[[5]]

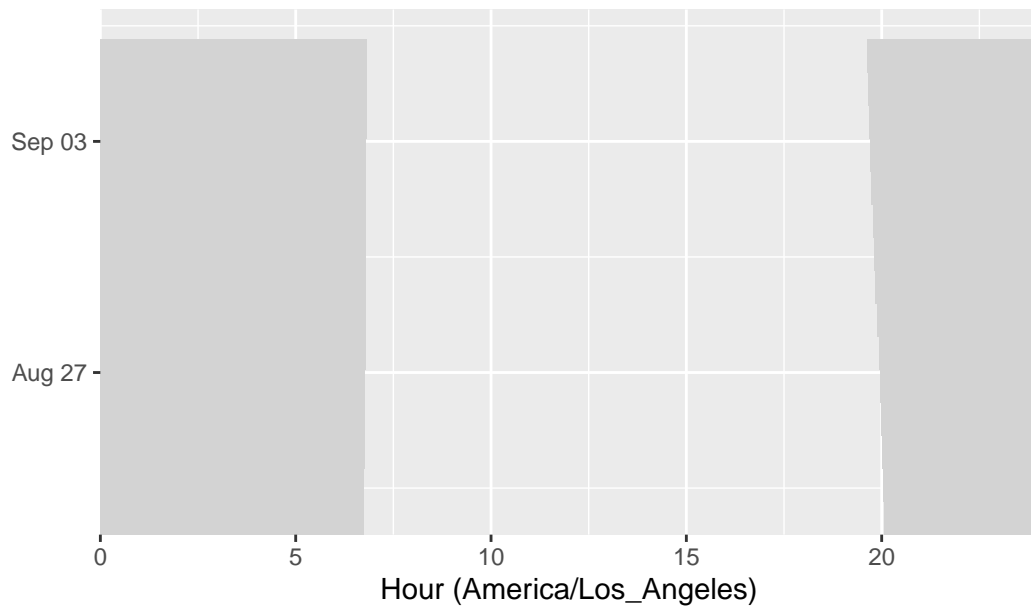
Drift-16: Unidentified Dolphins



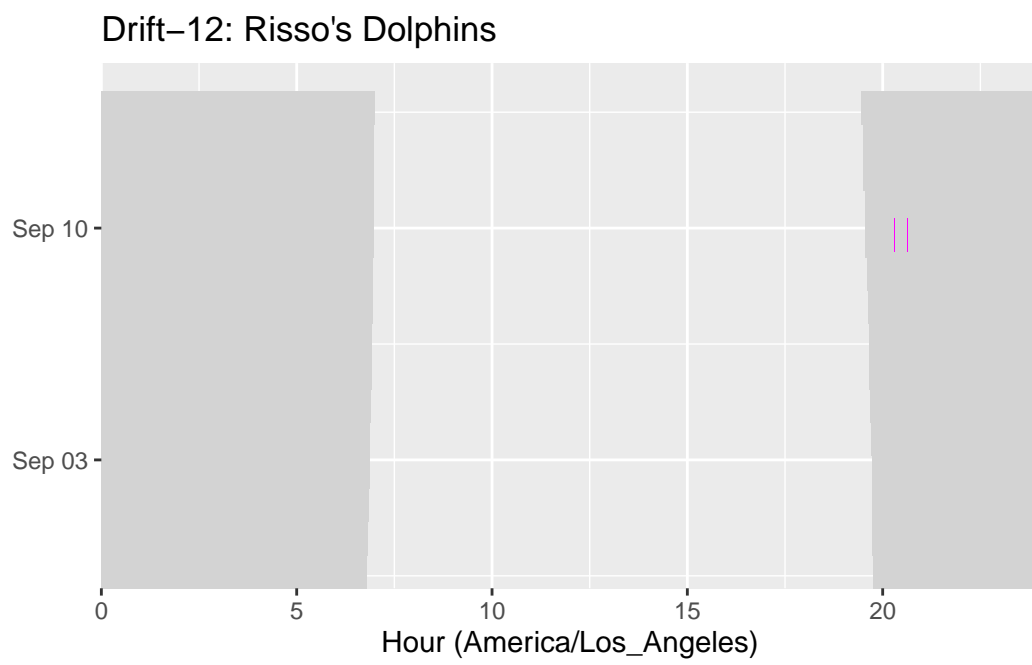
Risso's

[[1]]

Drift-10: Risso's Dolphins

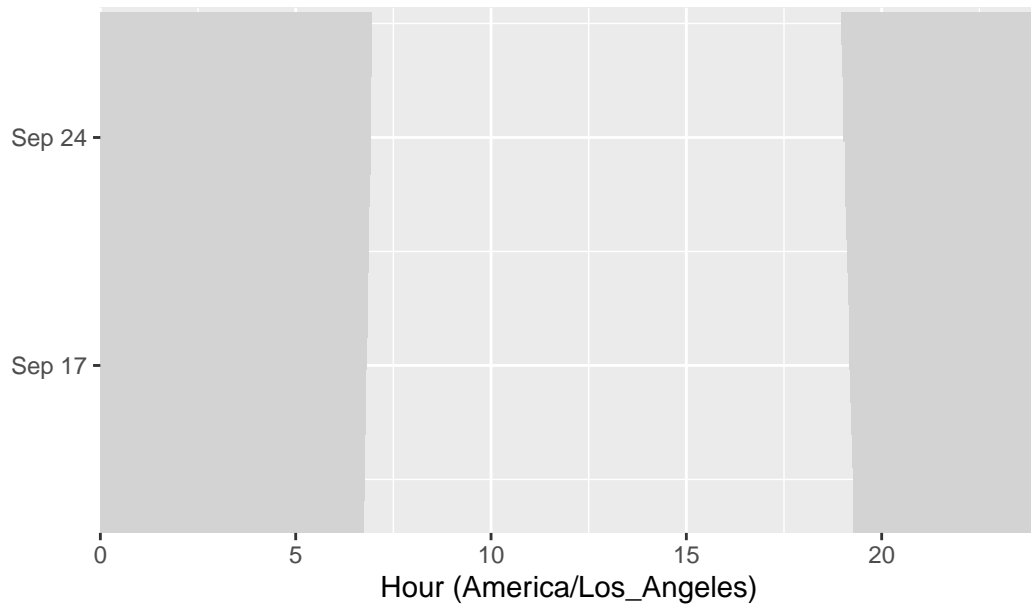


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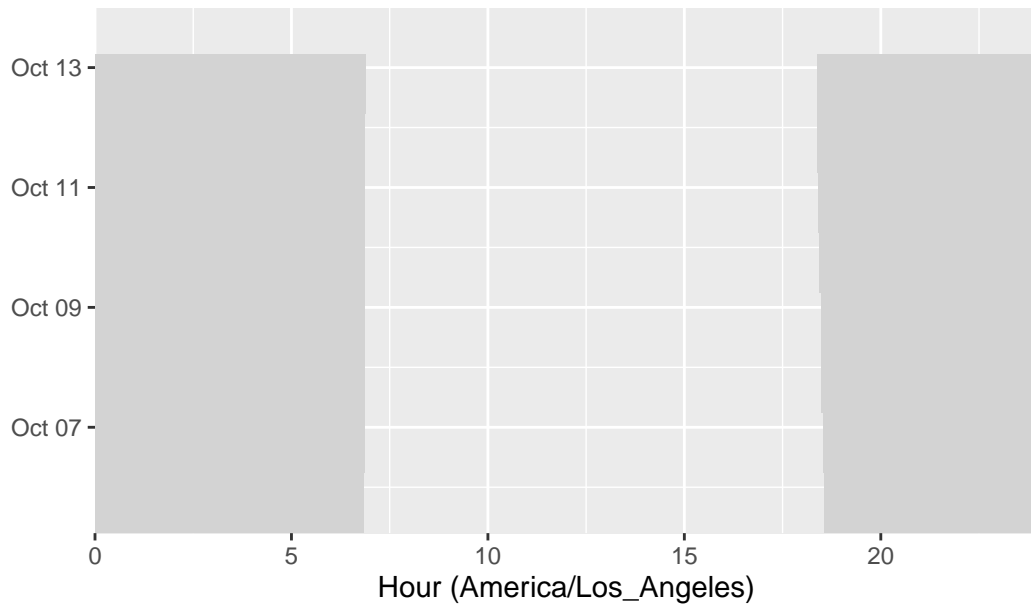
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Drift-13: Risso's Dolphins

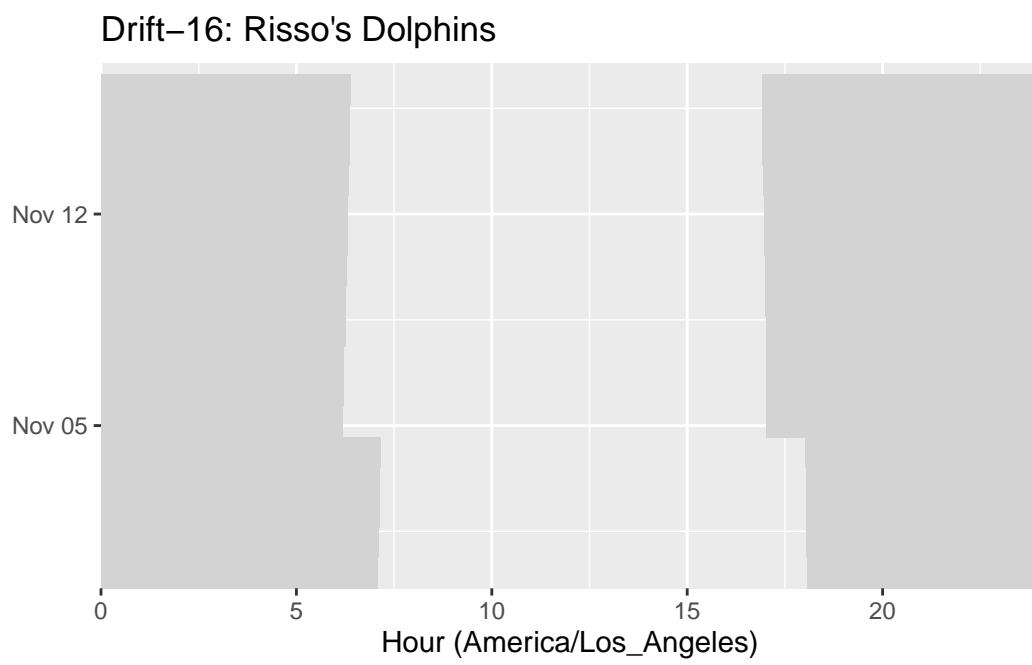


[[4]]

Drift-14: Risso's Dolphins

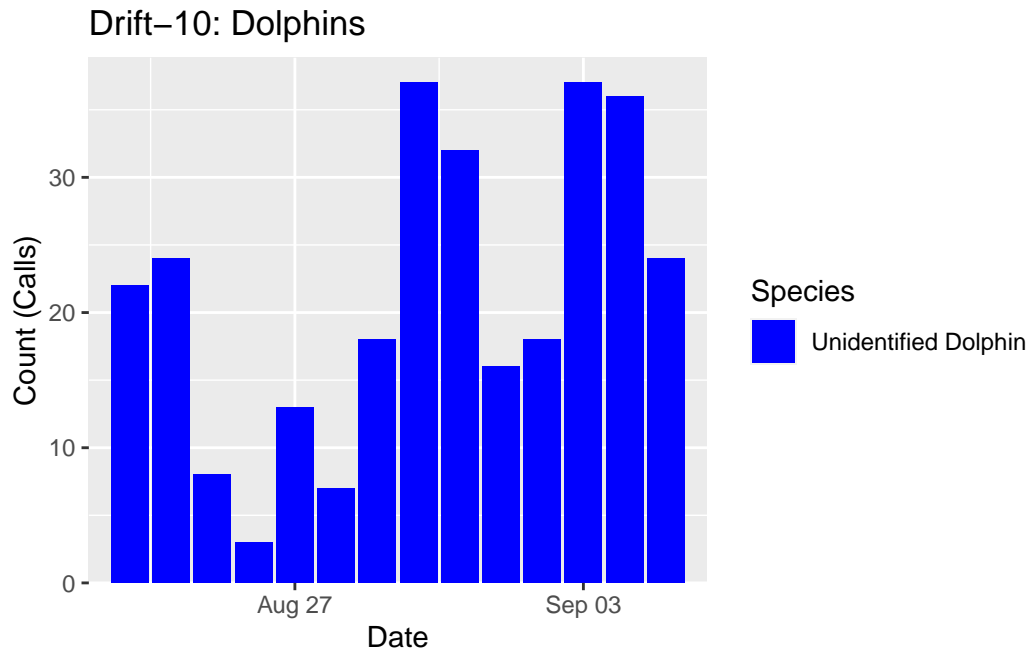


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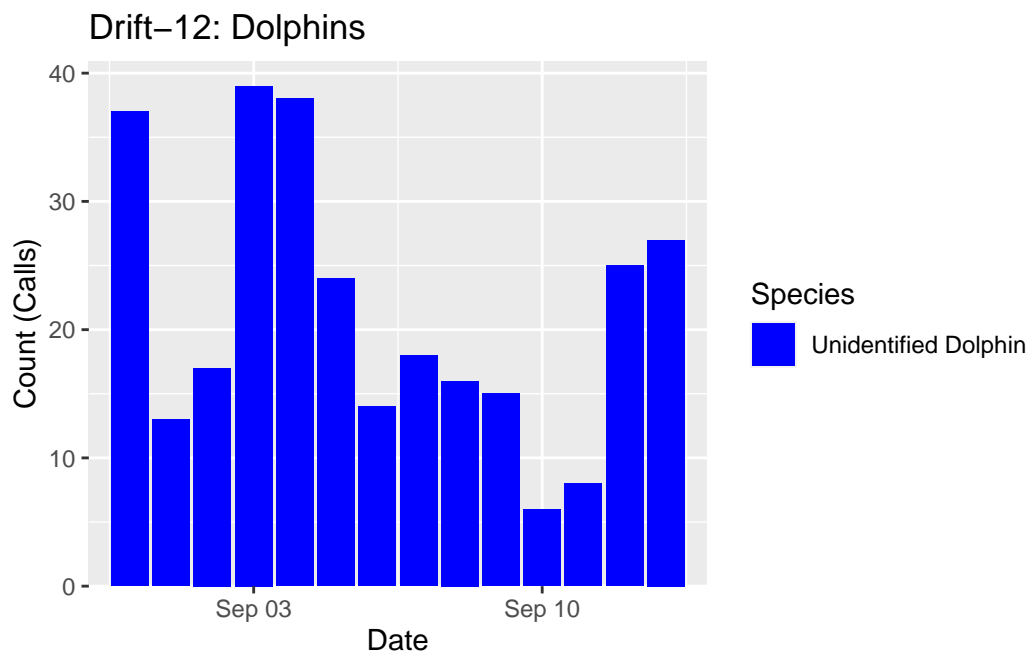


Weekly Plot

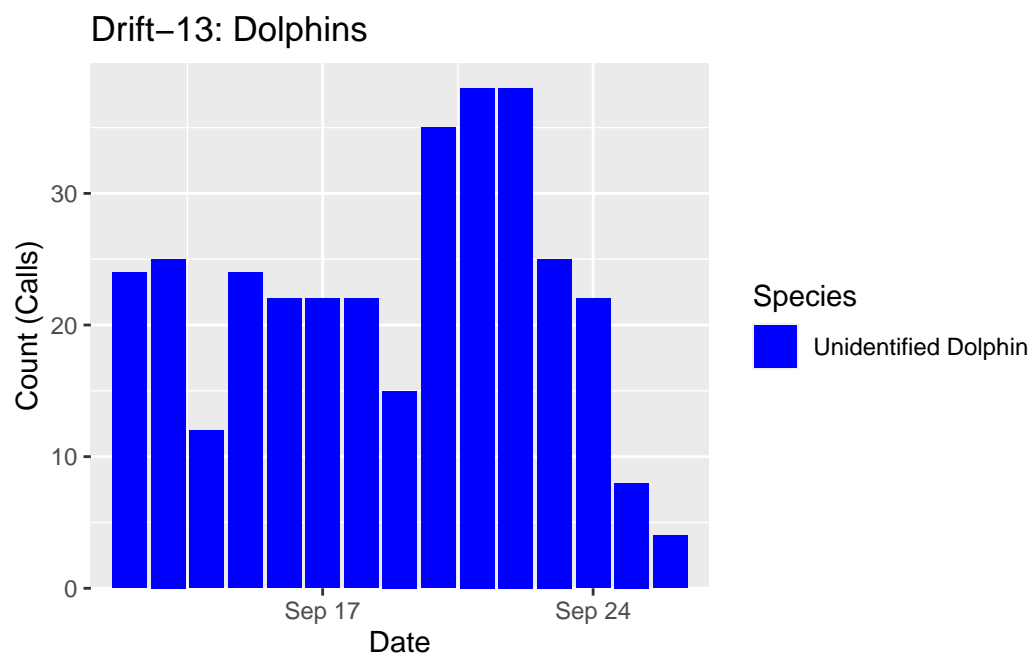
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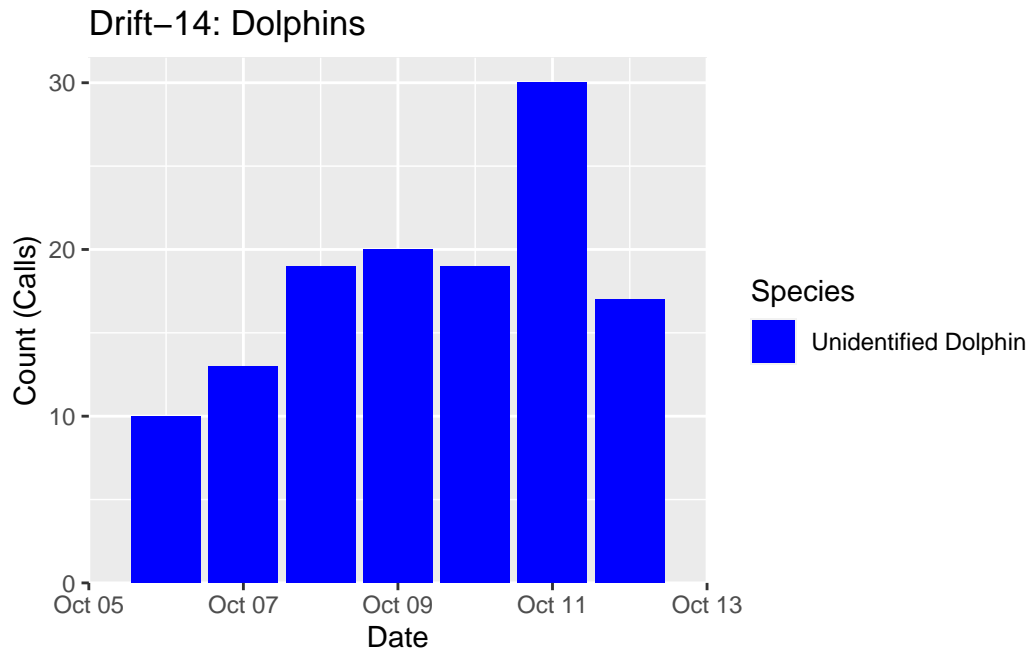
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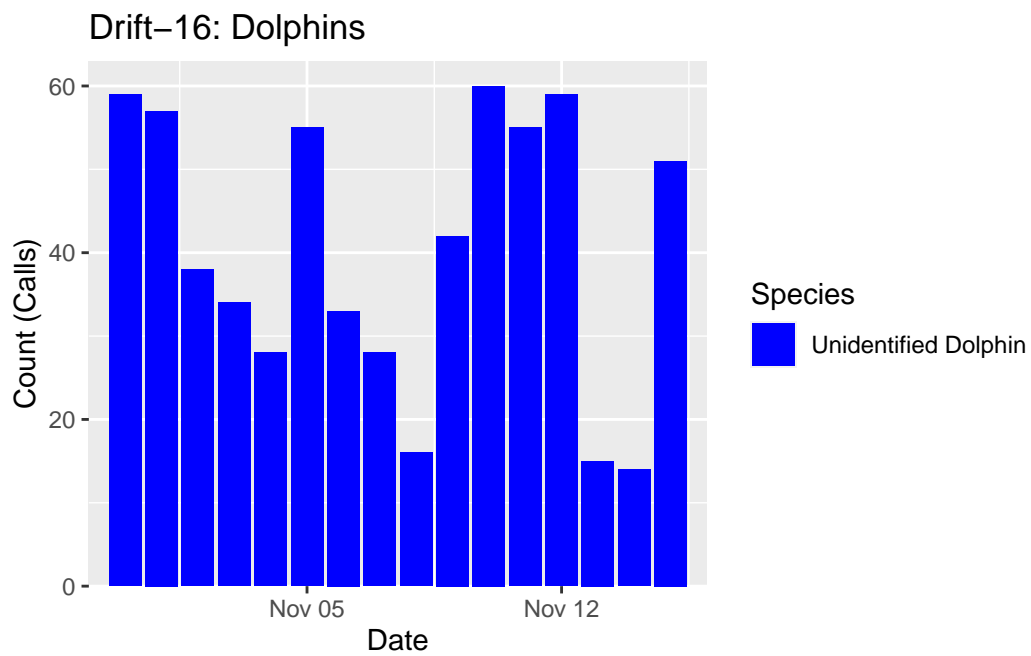
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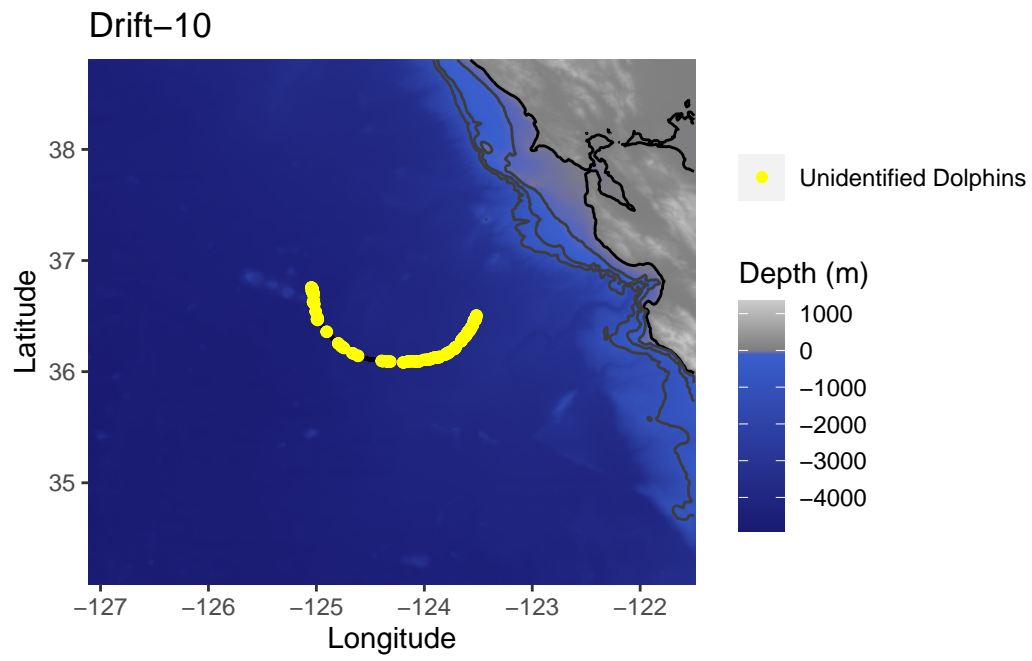
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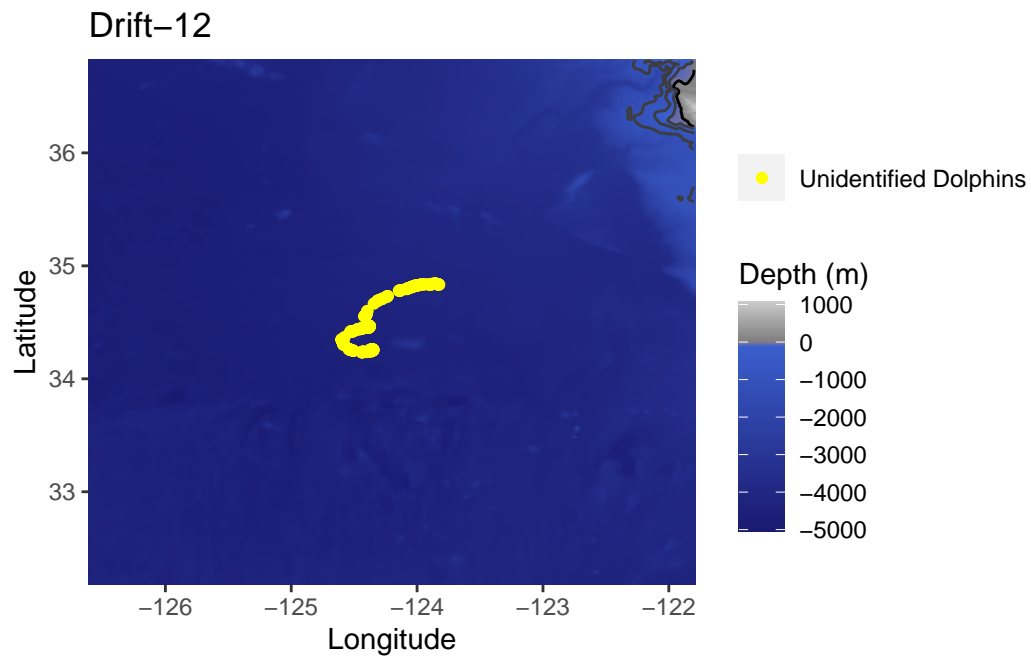
Map

UO

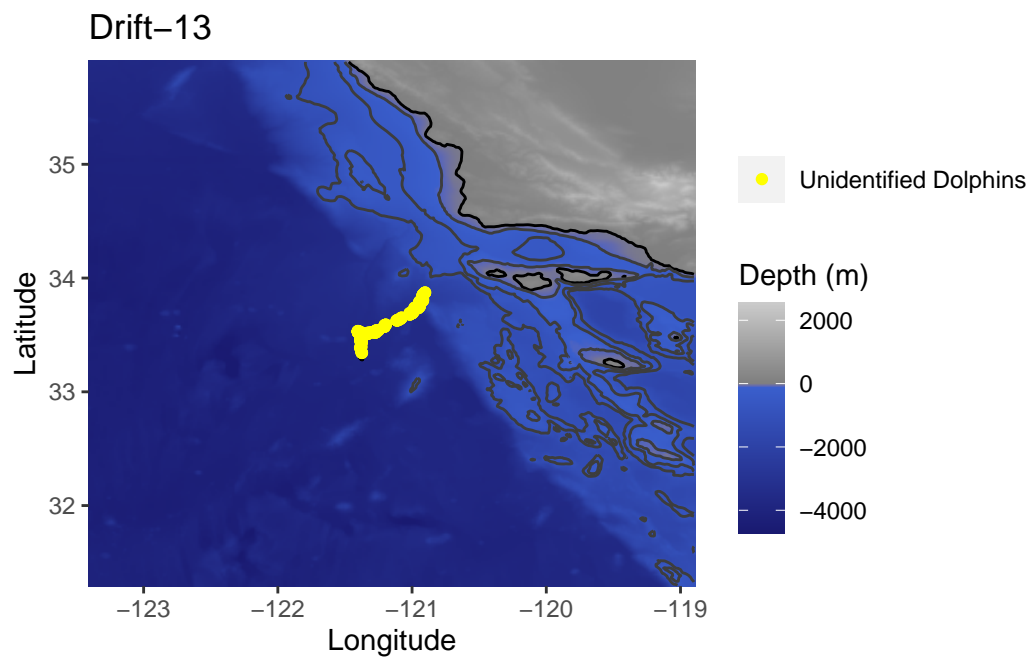
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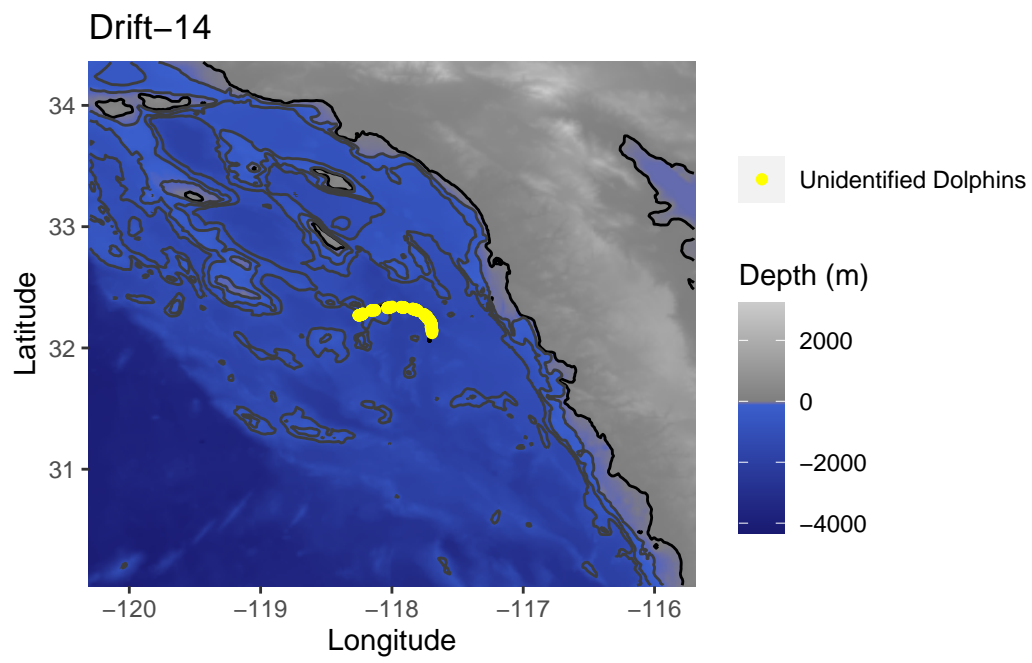
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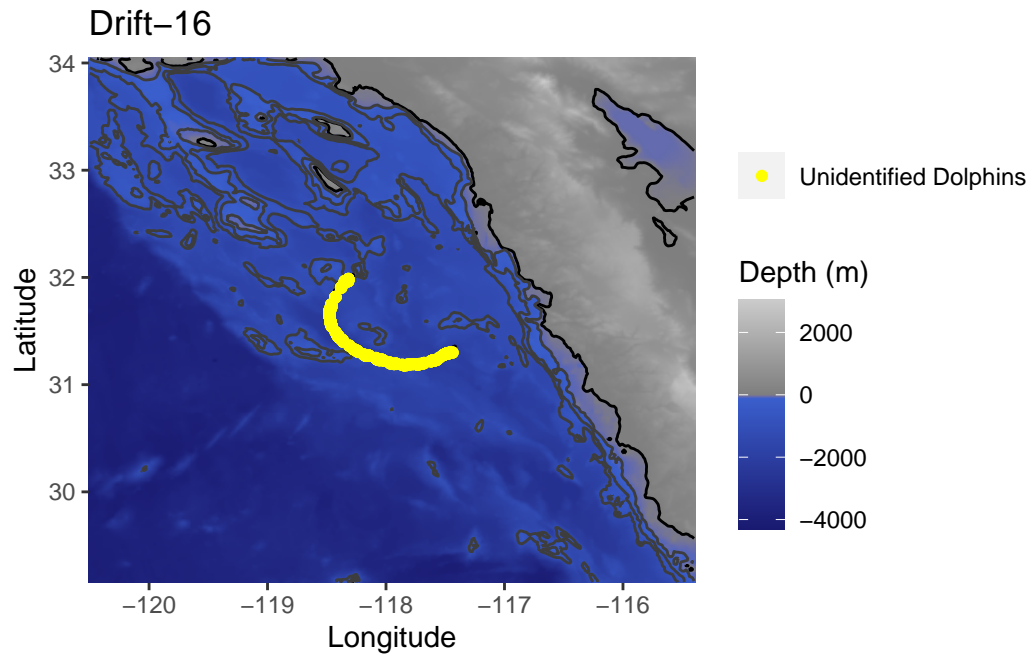
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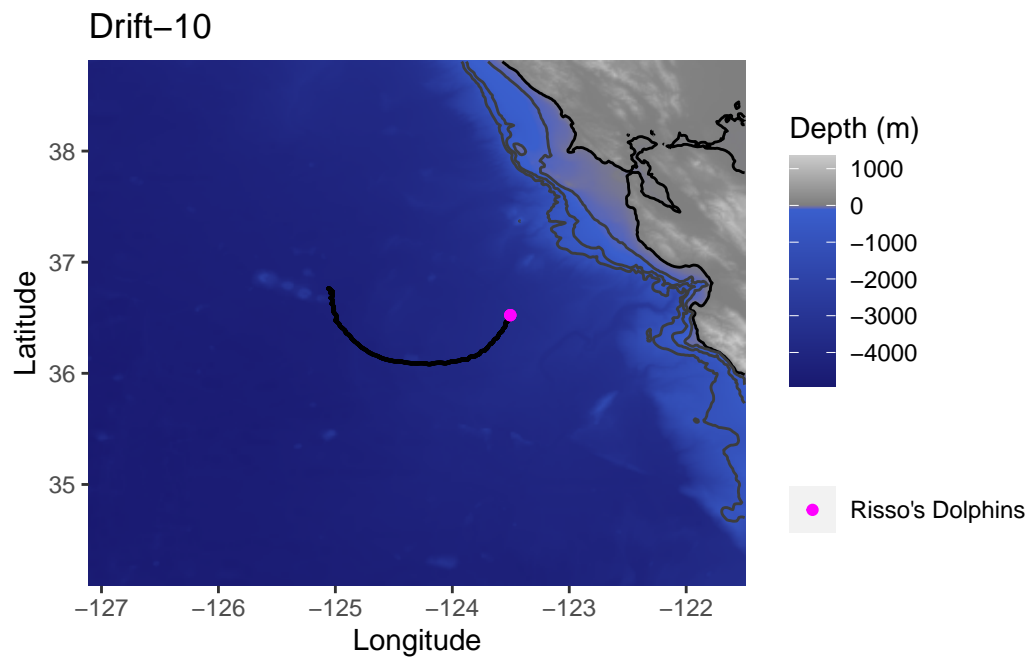
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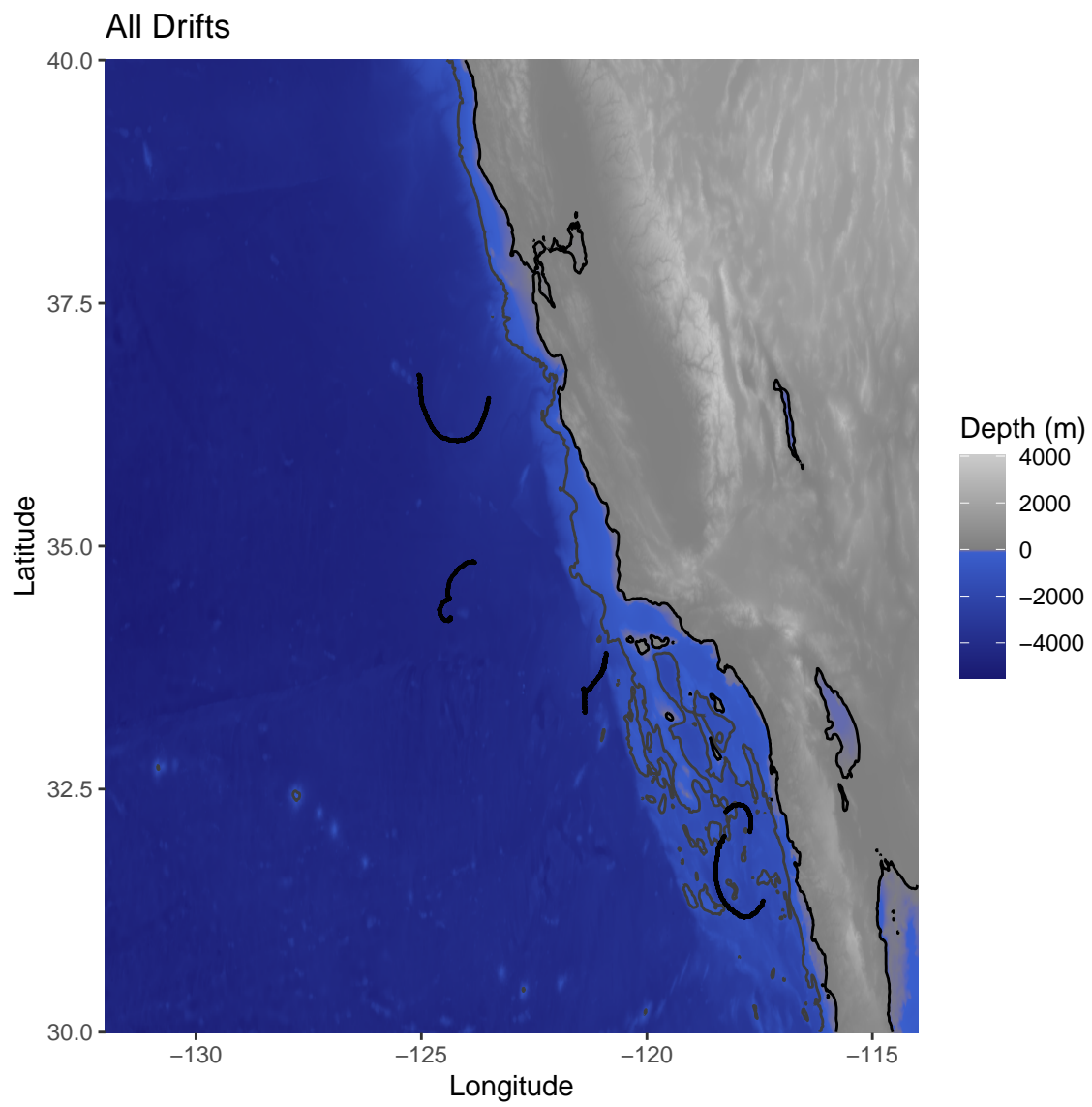
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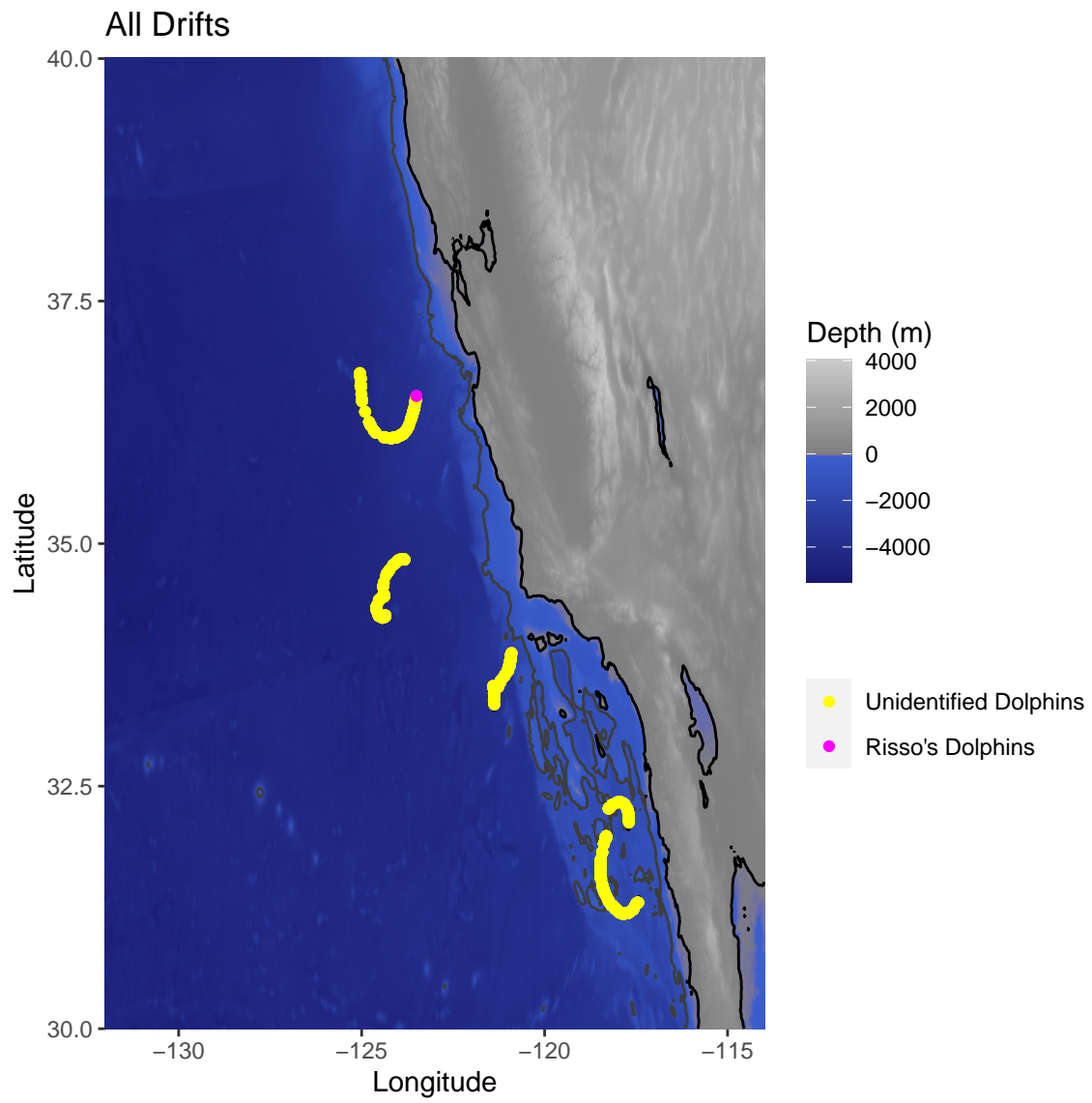


Risso's

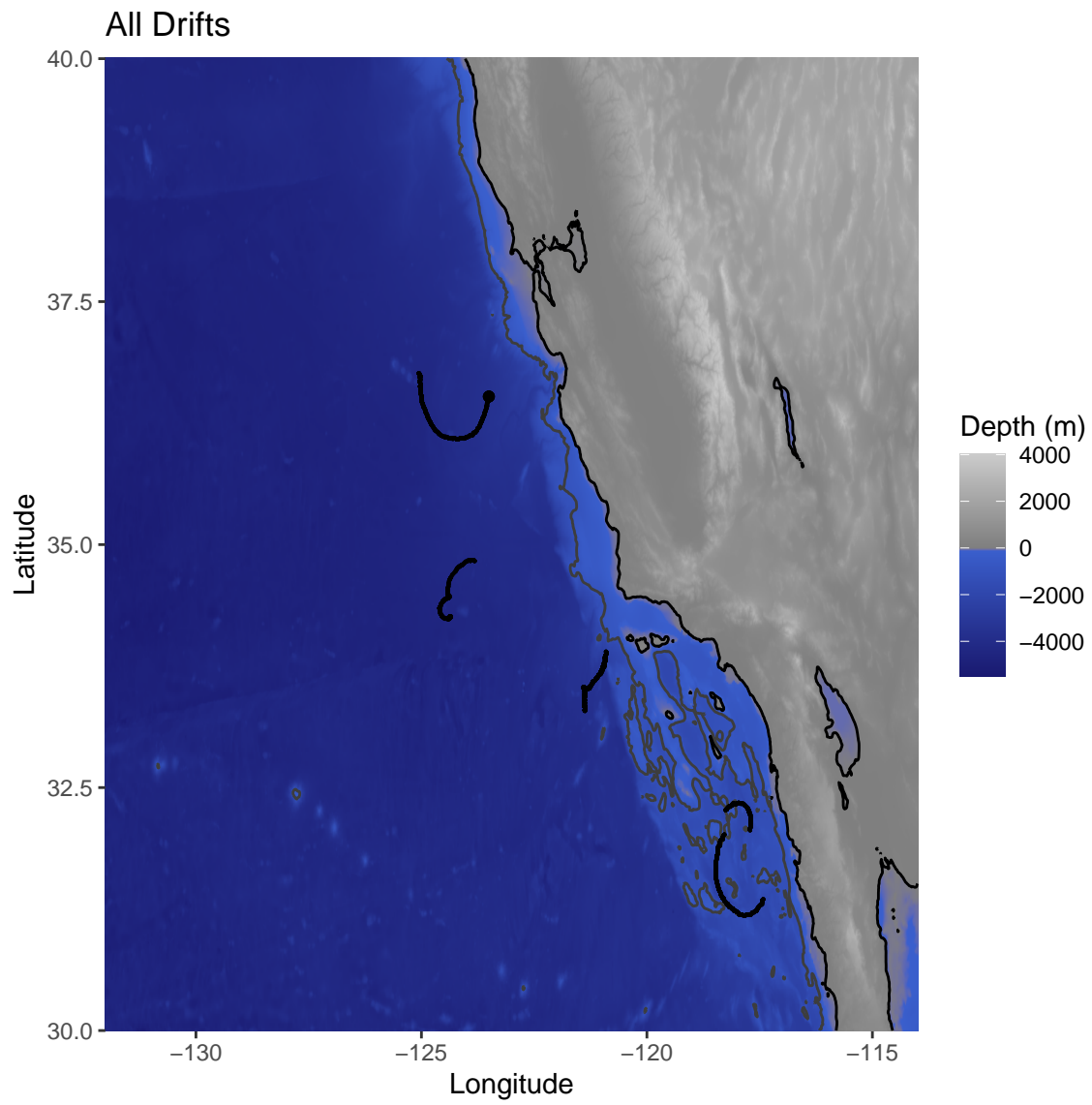


Map of all drifts





Risso's



Drift Timeseries

