



Exhibit A: Excerpt PowerPoint slides from a February 2017 public webinar “Draft Approach to Scaled Management and a Fisheries Web-based Data Portal” as part of the MLMA Master Plan amendment process





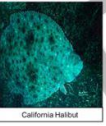



Excerpt PowerPoint slides from the February 2017 public webinar which provide draft, example slides that outline the concept of an online fisheries dashboard¹.



Welcome to the
California Fisheries Dashboard
Information on state managed fisheries under the Marine Life Management Act



Sort by: **Name** | Gear type | Value | Commercial/recreational/both | **Finfish/invertebrates** | Search

Quick Links:

- Marine Life Management Act
- Free Guide to the MLMA
- The Master Plan for Fisheries
- The “Who Manages What?” management matrix
- Prioritizing management efforts

Draft Fishery Overview: Example, Pink Shrimp

Standard Format: Quick orientation to fishery with tabs for more information

“At a Glance”

Pacific Pink Shrimp – At a glance

2016 Risk Level: ■ Low

2016 Participation: 15 active vessels

2016 Commercial Value: 3.7 million dollars (5th)

2016 Landings: 8.5 million pounds (4th)

At a glance | Biology | The Fishery | Ecosystem considerations | Management measures | Research efforts and needs

Quick Links:

- Research and partnership opportunities
- Full 2016 Status Report
- Interactive maps
- Landings and permit data

“Biology”

Pacific Pink Shrimp – Biology

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“The Fishery”

Pacific Pink Shrimp – the fishery

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At a glance | Biology | **The Fishery** | Ecosystem considerations | Management measures | Research efforts and needs

FISHERY OVERVIEW

Geographic Distribution and History (2008)

Seasonal Landing and Value Information

Biology: A Closer Look

Pacific Pink Shrimp – Biology

2016 Risk Level: ■ Low

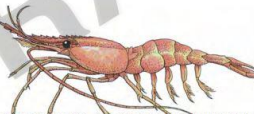
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At a glance | **Biology** | The Fishery | Ecosystem considerations | Management measures | Research efforts and needs

Natural history of the species (7080b)



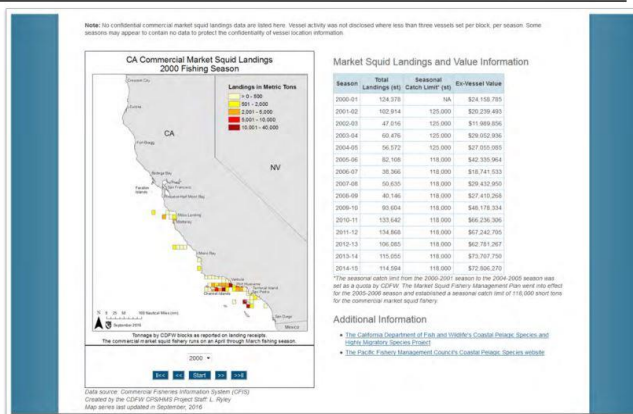
Distribution

Pink shrimp are found all along the west coast of North America, from the Aleutian Islands to San Diego. They are thought to be a single genetic stock throughout their entire range (OST, 2014). Pink shrimp are found at depths of 150 to 1200 feet, but tend to be caught between 250 and 750 feet in California. They are concentrated in well-defined muddy benthic habitats called beds, and the majority of beds with commercial concentrations are found off the Oregon Coast.

Quick Links:

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Interactive Data Query and Mapping Function



¹ February 2017 webinar PowerPoint: <https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=138044&inline>