NOAA Fisheries
Main Hawaiian Islands Insular False Killer Whale Recovery Planning Workshop

October 25-28, 2016
OHANA Waikiki East Hotel
Lobby Conference Room
150 Ka‘iulani Ave., Honolulu, HI 96815
9:00 am – 5:30 pm

Tuesday, October 25, 2016
Discussions to focus on recovery actions related to non-longline (commercial and recreational) fisheries interactions, and actions to fill in research data gaps

8:45 am  Sign-in and coffee

9:00 am  Welcome
Garrett/Graham/Facilitators
Review workshop agenda and protocols
Facilitators
Participant introductions
Group

9:20 am  Insular false killer whale recovery planning overview
Graham
Purpose of workshop, recovery planning process, etc.

Presentations by Experts (~25 min each; 15-20 min presentation; 5-10 mins for Q&A)

9:30 am  Population status and science behind range revision
Oleson
Overview of IFKW population status, including key data and analysis gaps, and the science behind the recent revision to the range

9:55 am  Longline commercial fisheries
Golden
Overview of gear, where they fish/what for, why/how interactions are occurring, observer coverage, TRT background/measures, etc.

10:20 am  Non-longline commercial & recreational fisheries
Boggs
Overview of fishing types and gear, where they fish/what for, State’s license and trip reporting requirements, data uses and limitations

10:45 am  BREAK

11:00 am  FEAT tool/state fisheries analysis
Dieter
How state fisheries have changed, how effort has increased/decreased, catch rate has increased/decreased, etc.

11:25 am  Evidence of fisheries interactions
Baird
Dorsal & mouthline injuries as indicator of fisheries interactions, evidence for sex bias/variation among populations & social groups

11:50 am  Evidence of whale/fisheries hot spots
Baird
Preliminary analysis of which fisheries/areas are possibly a hazard based on FEAT effort data overlaid with whale high-use areas

12:15 pm  LUNCH BREAK
Presentations by Experts (continued) (~25 min each; 15-20 min presentation; 5-10 mins for Q&A)

1:30 pm  Exploratory study of interactions between cetaceans and small-boat fishing operations
• Results of study to improve understanding of how, when, where, and why interactions between fisheries and FKWs tend to occur

1:55 pm  Economic and social characteristics of the Hawaii nearshore fisheries
• Estimating the economic contribution of recreational fisheries (boat, charter, shore), cost-earnings work with the HI charter fleet, and cost-earnings data for HI small boat fisheries

2:20 pm  State section 6 grant update
• Status of cooperative conservation grant and long-term management of Species

2:45 pm  BREAK

3:00 pm  Review threats characterization table, focusing on fisheries interactions
• Description and reasoning for characterization of threat levels; get feedback on levels (i.e., remain as is/be lower/be higher?)

3:45 pm  Detailed brainstorm of recovery actions to reduce threats from non-longline fisheries interactions, and actions to fill in research data gaps

5:00 pm  Public comments

5:25 pm  Preview of Day 2: Continue brainstorming on recovery actions related to non-longline (commercial and recreational) fisheries interactions, brainstorm priority of actions, and first pass at brainstorming recovery criteria

5:30 pm  ADJOURN WORKSHOP FOR THE DAY

6:00 pm  Optional pau hana:
Splash Bar & Bento
Sheraton Princess Ka‘iulani Hotel
150 Ka‘iulani Ave.
Wednesday, October 26, 2016
Continue discussions focused on recovery actions related to non-longline (commercial and recreational) fisheries interactions, and actions to fill in research data gaps

8:45 am  Sign-in and coffee
9:00 am  Welcome
         Brief review of previous day’s discussions
         Facilitators
9:10 am  Continue – Brainstorming recovery actions to reduce threats from non-longline fisheries interactions, and actions to fill in research data gaps
         Facilitators
10:45 am  BREAK
11:00 am  Continue – Brainstorming recovery actions
12:30 pm  LUNCH BREAK
1:45 pm  Brainstorm priority of recovery actions related to non-longline fisheries interactions
         • Potential recovery actions will be on flip chart and participants will individually express priorities
         Facilitators
3:00 pm  BREAK
3:15 pm  Brainstorm recovery criteria
         • Preliminary discussion regarding at what point would the threats discussed today be sufficiently controlled that we could downlist/delist?
         Facilitators
5:00 pm  Public comments
         Public
5:25 pm  Overview of recovery planning next steps & preview of next day
         Facilitators
5:30 pm  ADJOURN WORKSHOP FOR THE DAY
Thursday, October 27, 2016

Discussions to focus on recovery actions related to nutrition: prey size/biomass, change in prey distribution, and competition with fisheries

8:45 am Sign-in and coffee

9:00 am Welcome Garrett/Graham/Facilitators
Review workshop agenda and protocols Facilitators
Participant introductions Group

9:15 am Insular false killer whale recovery planning overview Graham
- Purpose of workshop, what we want to get from this workshop, etc.

Presentations by Experts (~25 min each; 15-20 min presentation; 5-10 mins for Q&A)

9:25 am Presentation on nutritional needs Hanson
- Prey species, daily caloric needs, and problems related to reduced caloric intake because harder to find food or food is smaller

9:50 am Presentation on climate change effects to prey Woodworth-Jefcoats
- Expected effects of climate change on prey size, biomass, and distribution

10:15 am Presentation on competition with fisheries Boggs
- Quantities of fish taken by commercial/recreational longline & non-longline fisheries; how CPUE has changed over time; what this means for species

10:45 am BREAK

11:00am Review threats characterization table, focusing on nutrition: prey size/biomass, change in prey distribution, and competition with fisheries Graham
- Description and reasoning for characterization of threat levels; get feedback on levels (i.e., remain as is/be lower/be higher?)

11:45 am LUNCH BREAK

1:00 pm Detailed brainstorm of recovery actions to reduce threats from reduced prey size/biomass, change in prey distribution, and competition with fisheries Facilitators

3:00 pm BREAK

3:15 pm Brainstorm priority of recovery actions related to nutrition: Facilitators
prey size/biomass, change in prey distribution, competition with fisheries
- Potential recovery actions will be on flip chart and participants will individually express priorities
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<th>Participants</th>
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**Friday, October 28, 2016**

Discussions to focus on recovery actions related to noise and contaminants

8:45 am  Sign-in and coffee

9:00 am  Welcome
         Review workshop agenda and protocols
         Participant introductions

Garrett/Graham/Facilitators
Facilitators
Group

9:15 am  Insular false killer whale recovery planning overview
         • Purpose of workshop, what we want to get from this workshop, etc.

Graham

*Presentations by Experts (~25 min each; 15-20 min presentation; 5-10 mins for Q&A)*

9:25 am  Presentation on acoustics
         • Presentation on hearing, impacts of anthropogenic sound, etc.

Pacini

9:50 am  Presentation on section 7 consultations & noise
         • Analysis of impacts of noise as it relates to section 7 consultations, including
           ‘Reasonable and Prudent Measures (RPMs)’, effectiveness of RPMs, etc.

Moribe

10:15 am  Presentation on contaminants
         • Broad-scale perspective on accumulation of environmental contaminants,
           how it is stored in blubber of top predators, effects to individuals and offspring,
           scope and scale of contaminants in IFKWs vs. other cetaceans, etc.

Ylitalo

10:45 am  BREAK

11:00 am  Presentation on disease
         • Finer-scale perspective of contaminants in IFKWs, potential increase in
           disease vectors (i.e., due to climate change, oil spills, parasitism)

Jensen

11:25 am  Presentation on strandings
         • Analysis of recent IFKW strandings

West

11:45 am  Review threats characterization table, focusing on noise and contaminants
         • Description and reasoning for characterization of threat levels; get feedback
           on levels (i.e., remain as is/be lower/be higher?)

Graham

12:30 pm  LUNCH BREAK

1:30 pm  Detailed brainstorm of recovery actions to reduce threats from noise and contaminants

Facilitators

3:00 pm  BREAK
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