

Assessment of Incidental Interactions with False Killer Whales inside the Hawai‘i Pelagic False Killer Whale Management Area in the Hawai‘i Longline Deep- and Shallow-set Fisheries from 2017 through 2021

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Attached are two Excel Workbooks: *pir.sll.pel_fkw_area.xlsx* and *pir.dsll.pel_fkw_area.xlsx*. These workbooks provide numbers for the Hawai‘i pelagic false killer whale (FKW) management area. The first workbook provides numbers for observed interactions and injury determinations in the 100% observed Hawai‘i shallow-set longline fishery. The second workbook provides observed and estimated total interactions and interactions resulting in death or a serious injury (DSI) classification for the Hawai‘i deep-set longline fishery. Numbers for years 2017 through 2021 and the average over these 5 years are provided for both fisheries. Both workbooks include a worksheet labeled ‘key’ that provides definitions of the column headings and species codes.

The methods used to estimate the number of interactions and DSI within the Hawai‘i pelagic FKW management area are those used to estimate these same statistics inside the other geographical regions. These methods are described in McCracken and Cooper (2022). The observed and estimated numbers were derived using Hawaii Longline Logbook Data Set (Pacific Islands Fisheries Science Center, 2023) and the Longline Observer Data System (Pacific Islands Regional Office, 2023).

References

Pacific Islands Fisheries Science Center. 2023. Hawaii Longline Logbook.

<https://www.fisheries.noaa.gov/inport/item/2721>.

Pacific Islands Regional Office. 2023. Longline Observer Data System.

<https://www.fisheries.noaa.gov/inport/item/9027>.

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