

## Data Report

### Assessment of Incidental Interactions with Marine Mammals in the American Samoa Permitted Longline Fishery from 2017 through 2021

Marti McCracken

Pacific Islands Fisheries Science Center, National Marine Fisheries Service

The attached Excel Workbook (pir.asll.ceta.1721.xlsx) includes annual estimates and the estimated 5-year average of take and number of takes with a dead or serious injury determination (DSI) in the American Samoa permitted longline fishery for years 2017 through 2021. Estimates are provided for the fisheries' fishing grounds and within the American Samoa Exclusive Economic Zone (EEZ). The workbook includes a worksheet labeled 'key' that provides definitions of the column headings and the items being estimated. Methods for estimating the takes and DSI for 2020 and 2021 are described in McCracken and Cooper (2022). McCracken (2019) describes the methods for estimating the takes for 2017–2019. The American Samoa Longline Logbook (2022), American Samoa Longline Trip Log (2022a) and Longline Observer Data System (2022b) were used to derive the 2021 estimates.

#### References

- McCracken ML. 2019. American Samoa Longline Fishery Estimated Anticipated Take Levels for Endangered Species Act Listed Species. Pacific Islands Fisheries Science Center, PIFSC Data Report, DR-19-028, 23 p. <https://doi.org/10.25923/b8gs-j441>.
- McCracken M and Cooper B. 2022. Assessment of Incidental Interactions with Marine Mammals in the American Samoa Permitted Longline Fishery from 2016 through 2020. Pacific Islands Fisheries Science Center, PIFSC Data Report, DR-22-16, <https://doi.org/10.25923/wtw6-zb45>.
- Pacific Islands Fisheries Science Center. 2022. American Samoa Longline Logbook, <https://www.fisheries.noaa.gov/inport/item/1775>.
- Pacific Islands Regional Office. 2022a. American Samoa Longline Trip Log, <https://www.fisheries.noaa.gov/inport/item/16869>.
- Pacific Islands Regional Office. 2022b. Longline Observer Data System, <https://www.fisheries.noaa.gov/inport/item/9027>.