MACQUARIE University **ANIMAL RESEARCH AUTHORITY (ARA)**

**AEC Reference No.: 2021/029 Date of Expiry:** 30 January 2023

Online Project ID: 11042

***Full Approval Duration:*** *31 January 2022 to 30 January 2023*

This ARA remains in force until the Date of Expiry (unless suspended, cancelled or surrendered} **and will only be renewed upon receipt of a satisfactory Progress Report before expiry (see Approval email for submission details).**

**Principal Investigator: Associate Investigators:**

Department of Biological Sciences Macquarie University NSW 2109

**In case of emergency, please contact:**

*the Principal Investigator/ Associate Investigator named above*

and **Animal Welfare Officer:**

The above-named are authorised by MACQUARIE UNIVERSITY ANIMAL ETHICS COMMITTEE to conduct the following research:

**Title of the project: Tracking pelagic sharks across the East Australian Current and Tasman Sea**

**Purpose:** 7 - Research: environmental study

**Aims:** To collect biological samples and deploy acoustic and satellite tracking tags on top predators to examine their health, spatial ecology and identify their key habitats in the remote oceanic region comprising the East Australian Current and Tasman Sea between the NSW coast and Lord Howe Island

**Surgical Procedures category:** 4- Minor surgery with recovery

**All procedures must be performed as per the AEC-approved protocol, unless stated otherwise by the AEC and/or AWO. Maximum numbers approved (for the Full Approval Duration): \*List all animals on ARA here\***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Species** | **Strain** | **Sex/Size/Age** | **Total** | **Supplier/Source** |
| S23- Fish | White Shark *(Carcharodon charcharias)* | Any | 13 | In-Situ - Wildlife |
| Tiger Shark *(Ga/eocerdo cuvier)* | 13 |
| Mako Shark *(fsurus oxyrinchus)* | 13 |
| Blue Shark *(Prionace g/auca)* | 13 |
| Silky Shark *(Carcharhinus falciformis)* | 13 |
| Galapagos Shark *(Carcharhinus ga/apagensis)* | 13 |
|  | **TOTAL** | **78** |  |

**Location of research·**

|  |  |
| --- | --- |
| ***Location*** | ***Full street address*** |
| In-Situ - Wildlife | New South Wales coastal and offshore waters, departing from northern NSW (likely Ballina) andarriving in Lord Howe Island. |

**Amendments approved by the AEC since initial approval: N/A Conditions of Approval: N/A**

Being animal research carried out in accordance with the Code of Practice for a recognised research purpose and in connection with animals (other than exempt animals) that have been obtained from the holder of an animal suppliers licence.



(Chair, Animal Ethics Committee) **Approval Date: 16 December 2021**

Adapted from Form C(issued under part IV of the Animal Research Act, 1985)